PM PETERSON

70th ANNIVERSARY
70th
PETERSON MANUFACTURING

MASTER CATALOG

Vehicle Safety Lighting Systems & Accessories

SOLUTIONS ON THE MOVE.

PRODUCTIVITY THROUGH PROXIMITY.

What happens when highly talented lighting specialists and high-tech manufacturing facilities come together under one roof? Easy access to everything and everyone. Face-to-face communication. Close control of detail. Time/cost efficiencies. Innovative thinking. A strong spirit of teamwork. And unmatched productivity.

It's called Vertical Integration, a business strategy that makes Peterson unique in the safety lighting industry. It all happens here on our corporate campus in Grandview, Missouri — home to the "Core Four" divisions that have made the PM brand a world leader:

CORE FOUR

Vector Tool. Engineering world-class tooling for every product in this catalog.
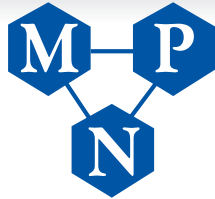
Mission Plastics North. Using top resins and precision technology to injection mold the most innovative, robust lenses in the industry.

Maxi-Seal. Creating breakthrough wiring/lighting harness systems for hard-working vehicles.

Peterson Manufacturing. Employing the superb facilities and workforce that build the American-made quality our customers value.

You'll see that quality on every page of this catalog — over 2,000 examples of how Peterson's vertical integration keeps our many *Solutions on the Move*.

TABLE OF CONTENTS

How To Use The Quick-Reference Icons In This Catalog

A series of handy, quick-reference icons runs down the center of nearly every product page in this catalog. These icons allow you to determine the major features of a particular Peterson product at a glance and compare similar products to determine which one is right for you.

Below is a complete index of all the icons, along with a description of what each one means to you.

APPLICABLE TO ALL PRODUCTS

Icon	Description
NEW!	Item appears in the Peterson Master Catalog for the first time.
VIZ PACK	Item is available in our retail-friendly visual packaging.
MADE IN USA	Product is manufactured in the United States of America.
MARINE RECOM-MENDED	Item is submersible and especially suitable for use on boat trailers and other vehicles used around water.
24 24 Volt Version	One or more versions of this product are designed for use with 24-volt systems.
PC rated	Denotes clearance/marker lights that are PC rated. For additional information on the PC rating, see page 264.
INTEGRAL REFLEX REFLEX	Indicates that a light has integrated retro-reflector functionality that meets applicable legal requirements.
magnetic	One or more versions of this product are available with a quick-mount magnetic base.
ECE ECE N DOT	Indicate that a product either meets ECE lighting requirements only, or meets both ECE and U.S. DOT requirements. See page 154.

Non-Peterson trademarks appearing in this catalog are used for descriptive purposes only. All trademarks remain the property of their respective copyright holders.

FOR INCANDESCENT PRODUCTS

Icon	Description
2 bulbs	Indicates the number of bulbs in each incandescent light equipped with multiple bulbs.
VIBAR SOCKET	Item is equipped with our long life VIBAR or VIBAR II shock-absorbing incandescent socket.
✓LED LED Version Available	One or more versions of this product are available with a quick-mount magnetic base.
LONG LIFE BULB	Indicates that an incandescent bulb is equipped with a premium bulb with a life rating of up to 15,000 hours.

FOR LED PRODUCTS

Icon	Description
12 10/14 diodes	Indicates the number of light emitting diodes in each of our LED lights. In some cases, related versions may have different diode counts.
D DEFENDER APPROVED	Approved for Maxi-Seal® Defender® harness system's Lifetime Limited Corrosion Warranty. (Ask for details.)
LumenX	Product is part of our new **LumenX**® line of premium LED lights.
HARD WIRED	An LED product equipped with integrated hardwired leads, eliminating corrosion-prone connection at light housing.
LED Strobe	LED warning light with high-intensity strobing diodes.
MV Multi-Volt 12V & 24V	LED product is multi-volt compatible for use with both 12V and 24V systems.
REG Voltage Regulated	Indicates a premium LED product with integrated voltage regulation circuitry for consistent output and long life.
CLEAR LENS COLORED LIGHT	One or more versions of this LED light feature a clear lens with diodes that light up in the appropriate color.

LumenX®

The brightest, safest, most efficient LED lighting in the industry!

Brighter lights are safer lights, ensuring greater visibility day or night, in any weather. Now Peterson's new LumenX® Series LED lights take brightness and safety to a whole new level.

American-made LumenX Series lights feature breakthrough optics engineered to fully and evenly light the entire lens—no "hot spots" or "dead zones," regardless of the viewing angle. LumenX lamps outperform standard LED lamps by wide margins. Photometric testing proves LumenX Reds are 25% brighter; LumenX Ambers are fully twice as bright!* *Yet price-wise, DOT-legal LumenX Series compete with anything on the market.*

Brighter, safer, competitively priced LumenX. The superior LED lighting solution for your vehicles. In stock and ready to ship today.

Only from Peterson.

4" Rounds available in Red, Amber and White (7- and 9-diode versions)
6" Ovals available in Red, Amber and White (7- and 10-diode versions)

Fully integrated insert molded terminals for robust protection
AMP-compatible connections (available on ALL models)
Industry-standard PL3 connections (available on 7-diode models)

Integrated voltage regulation
Multi-volt 9–32V operating range (available on 9- and 10-diode models)

PROUDLY MADE IN USA

Photometric testing proves **LumenX**® reds are 25% brighter; **LumenX**® ambers are fully twice as bright!*

Peterson's radical new lens design spreads ultra-bright light so efficiently that the entire lens illuminates fully — no "hot spots" typical of standard LED lights.

*7-diode models tested against our previous "-3" series 7-diode lights.

"Our goal has never been to be the biggest — just the best."

— Don Armacost, Sr.

2015 marked Peterson Manufacturing Company's 70th year of keeping "Solutions on the Move" in the vehicle safety lighting industry. Since its inception in 1945, the family-owned business has become the industry's "Quiet Giant"—a quarter-billion-dollar, multi-faceted corporation now providing thousands of lighting-related products for customers worldwide. Peterson's long history of square dealing with customers, suppliers and employees has brought us a long way. We're not about to change it.

Today Peterson headquarters on a 44-acre corporate campus in Grandview, Missouri, housing its vertically integrated operations in a 670,000 square-foot facility staffed and equipped for state-of-the-art core manufacturing and marketing. That includes engineering and design, photometric and environmental testing, tool and die production, harness and wire manufacturing, plastic injection molding, final assembly, warehousing, sales and customer service.

Peterson's history boasts an ever-growing list of innovative safety lighting solutions. We have the focus, engineering skills and manufacturing capabilities that keep new products moving to the marketplace and bring real solutions to our customers. Since our last catalog release in 2013, we've launched over 300 new products—many unique to the industry. We're geared to meet specific customer challenges with speed, automated precision and top quality at very attractive prices.

PM strives to keep top quality, USA-made products the company-wide standard. We engineer products to exceed federal minimums by 25%, and deliver those products with an industry-leading 98% fill-rate. We were the first North American lighting manufacturer to receive ISO 9001/QS-9000 certification.

In addition to U.S. markets, Peterson's growing global footprint serves customers across Canada, Europe, Australia, New Zealand, Mexico, South America, China, and the Middle East.

Our support of the trade associations below demonstrate Peterson's commitment to building the industry.

LED

NEW!

7 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

REG Voltage Regulated

817-7 / 818-7 *LumenX®* LED
4" Round Stop, Turn & Tail Light

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 818-7 has flange integrated into the housing.
- 817-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-49 plug.
- 818 kit includes light and 817-49 plug.

1.35" 35mm

1.35" 35mm

4.25" 108 mm

4.25" 108 mm

5.50" 140 mm

4.50" 115 mm

Order No.	Description	Pack	Std Carton
817R-7	grommet mount	poly pack	6
818R-7	flange mount	poly pack	6
817KR-7	grommet mount kit	poly pack	6
818KR-7	flange mount kit	poly pack	6
M817R-7	grommet mount	mfg. pack	50
M818R-7	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100

NEW!

7 diodes

VIZ PACK

LumenX

MADE IN USA

REG Voltage Regulated

824-7 / 826-7 *LumenX®* LED
4" Round Stop, Turn & Tail Light

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- 824-7 has flange integrated into the housing.
- 826-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826 kit includes light, grommet and 431-491 plug.
- 824 kit includes light and 431-491 plug.

1.67" 42 mm

1.67" 42 mm

4.25" 108 mm

4.25" 108 mm

5.50" 140 mm

4.50" 115 mm

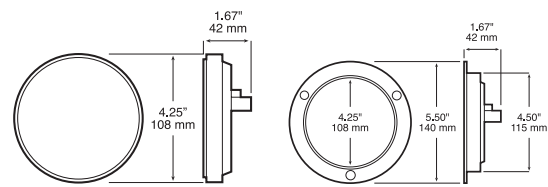| Order No.	Description	Pack	Std Carton
V826KR-7	grommet mount kit	Viz Pack	6
V824KR-7	flange mount kit	Viz Pack	6
826R-7	grommet mount	poly pack	6
824R-7	flange mount	poly pack	6
M826R-7	grommet mount	mfg. pack	50
M824R-7	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

817-9/818-9 *LumenX*® LED
4" Round Stop, Turn & Tail Light

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 818-9 has flange integrated into the housing.
- 817-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-49 plug.
- 818 kit includes light and 817-49 plug.

9 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

Multi-Volt 12V & 24V

REG Voltage Regulated

NEW!

Order No.	Description	Pack	Std Carton
817KR-9	grommet mount kit	poly pack	6
818KR-9	flange mount kit	poly pack	6
M817R-9	grommet mount	mfg. pack	50
M818R-9	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100

1.35" 35mm 4.25" 108 mm 1.35" 35mm 4.25" 108 mm 5.50" 140 mm 4.50" 115 mm
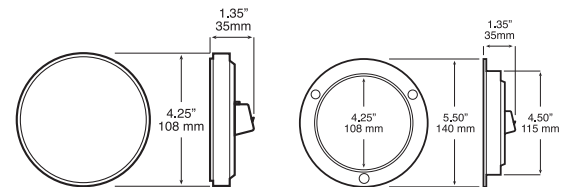
824-9/826-9 *LumenX*® LED
4" Round Stop, Turn & Tail Light

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 824-9 has flange integrated into the housing.
- 826-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Does not require "Top" positioning to meet FMVSS 108 standard.

9 diodes

LumenX

MADE IN USA

Multi-Volt 12V & 24V

REG Voltage Regulated

NEW!

Order No.	Description	Pack	Std Carton
826R-9	grommet mount	poly pack	6
824R-9	flange mount	poly pack	6
M826R-9	grommet mount	mfg. pack	50
M824R-9	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

1.35" 35mm 4.25" 108 mm 1.35" 35mm 4.25" 108 mm 5.50" 140 mm 4.50" 115 mm

LED

LED

NEW!

7 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

REG Voltage Regulated

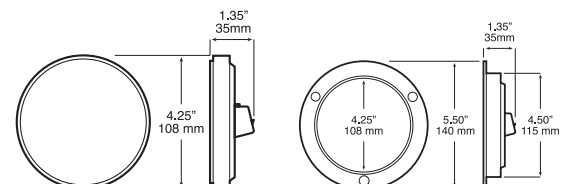## 820-7 / 823-7 *LumenX®* LED Oval Stop, Turn & Tail Light

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 823-7 has flange welded to light, forming a single unit.
- 820 kit includes light, grommet and 817-49 plug.
- 823 kit includes light and 817-49 plug.
- 823RTL-7 version has integral narrower flange with recessed lens and two mounting holes positioned at ends for narrower rail applications.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.

2.25" 57 mm
6.50" 165 mm
1.42" 36 mm

4.00 100 mm
3.63" 92 mm
3.00" 76 mm
7.88 200 mm
1.42" 36 mm
0.88" 22 mm

7.25" 184 mm
3.31" 84 mm
7.88" 200 mm
1.42" 36 mm
0.88" 22 mm

823RTL-7

Order No.	Description	Pack	Std Carton
820R-7	grommet mount	poly pack	6
823R-7	flange mount	poly pack	6
823RTL-7	narrow flange	poly pack	6
820KR-7	grommet mount kit	poly pack	6
823KR-7	flange mount kit	poly pack	6
M820R-7	grommet mount	mfg. pack	50
M823R-7	flange mount	mfg. pack	50
M823RTL-7	narrow flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100

NEW!

7 diodes

VIZ PACK

LumenX

MADE IN USA

REG Voltage Regulated
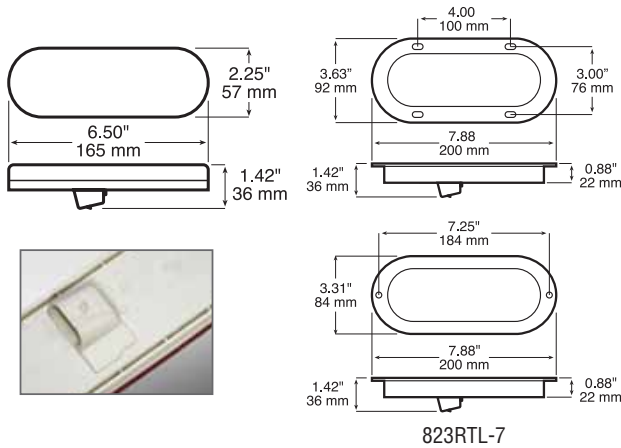
821-7 / 822-7 *LumenX®* LED Oval Stop, Turn & Tail Light

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- 822-7 has flange welded to light, forming a single unit.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 821 kit includes light, grommet and 421-491 plug.
- 822 kit includes light and 421-491 plug.

2.25 57 mm
6.50" 165 mm
1.42" 36 mm

4.00 100 mm
3.63" 92 mm
3.00" 76 mm
7.88 200 mm
1.42" 36 mm
0.88" 22 mm

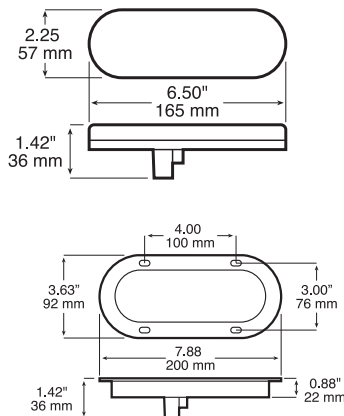| Order No.	Description	Pack	Std Carton
V821KR-7	grommet mount kit	Viz Pack	6
V822KR-7	flange mount kit	Viz Pack	6
821R-7	grommet mount	poly pack	6
822R-7	flange mount	poly pack	6
M821R-7	grommet mount	mfg. pack	50
M822R-7	flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-491	plug	poly pack	12
B421-491	plug	mfg. pack	100

LED

820-10/823-10 *LumenX*® LED Oval Stop, Turn & Tail Light

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 823-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 820 kit includes light, grommet and 817-49 plug.
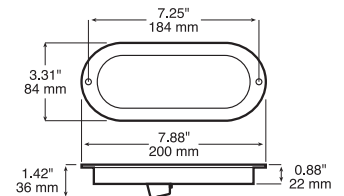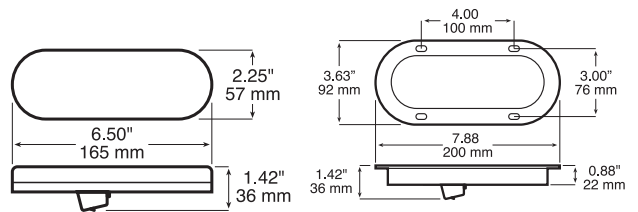- 823 kit includes light and 817-49 plug.

10 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

NEW!

Order No.	Description	Pack	Std Carton
820KR-10	grommet mount kit	poly pack	6
823KR-10	flange mount kit	poly pack	6
M820R-10	grommet mount	mfg. pack	50
M823R-10	flange mount	mfg. pack	50
M823RTL-10	narrow, 2-screw flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100

2.25" 57 mm
6.50" 165 mm
1.42" 36 mm

4.00 100 mm
3.63" 92 mm
3.00" 76 mm
7.88 200 mm
1.42" 36 mm
0.88" 22 mm

7.25" 184 mm
3.31" 84 mm
7.88" 200 mm
1.42" 36 mm
0.88" 22 mm

823RTL-10

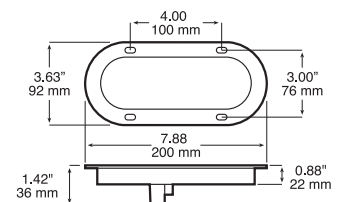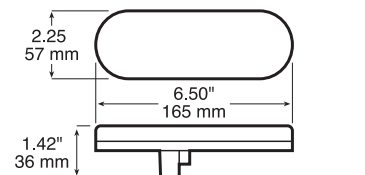## 821-10/822-10 *LumenX*® LED Oval Stop, Turn & Tail Light

- New white diodes behind red lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 822-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.

10 diodes

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

NEW!

Order No.	Description	Pack	Std Carton
821R-10	grommet mount	poly pack	6
822R-10	flange mount	poly pack	6
M821R-10	grommet mount	mfg. pack	50
M822R-10	flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-491	plug	poly pack	12
B421-491	plug	mfg. pack	100

2.25 57 mm
6.50" 165 mm
1.42" 36 mm

4.00 100 mm
3.63" 92 mm
3.00" 76 mm
7.88 200 mm
1.42" 36 mm
0.88" 22 mm

LED

NEW!

PATENT PENDING

LumenX®
I B L

TWO Lights In ONE!

1.35"
35mm

1.35"
35mm

4.25"
108 mm

4.25"
108 mm

5.50"
140 mm

4.50"
115 mm

426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug, 3-wire	poly pack	6
B417-49	hardshell plug, 3-wire	mfg. pack	100
B880-49	plug, single lead	mfg. pack	100

See pages 199–200 for additional plug options

7 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

882-7 / 883-7 *LumenX*® LED
4" Round Combo Stop, Turn, Tail & Back-Up Light

- Cyclops-style design integrates back-up light into stop/turn/tail light.
- Single bright white diode meets legal back-up light req. used in pairs.
- Available w/ integral AMP-compatible receptacles or hardwired leads.
- -7P versions have hardwired PL3 receptacle.
- Available in 9-16 volt or 9-32 (-MV) operating ranges.
- Does not require "Top" positioning to meet FMVSS 108 standard.
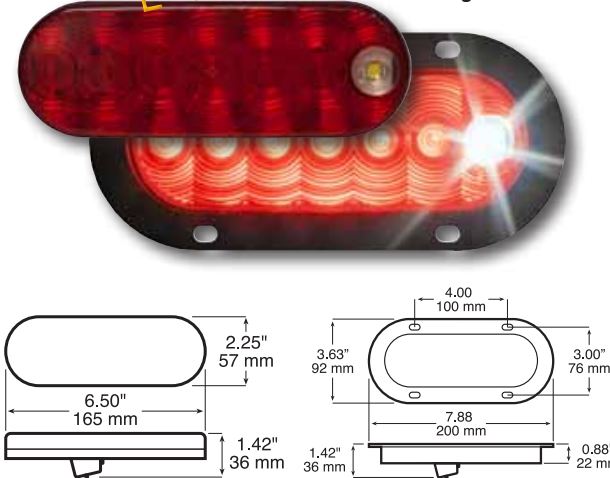- Kits include B880-49 and B417-49 plugs, plus grommet where req.

Order No.	Description	Pack	Std Carton
882K-7	grommet mount kit	poly pack	6
882K-7-MV	grommet mount kit, multi-volt	poly pack	6
883K-7	flange mount kit	poly pack	6
883K-7-MV	flange mount kit, multi-volt	poly pack	6
M882-7	grommet mount	mfg. pack	50
M882-7-MV	grommet mount, multi-volt	mfg. pack	50
M882-7P	grommet mount, hardwired PL3	mfg. pack	50
M883-7	flange mount	mfg. pack	50
M883-7-MV	flange mount, multi-volt	mfg. pack	50
M883-7P	flange mount, hardwired PL3	mfg. pack	50

NEW!

PATENT PENDING

LumenX®
I B L

TWO Lights In ONE!

2.25"
57 mm

6.50"
165 mm

1.42"
36 mm

3.63"
92 mm

1.42"
36 mm

4.00
100 mm

7.88
200 mm

3.00"
76 mm

0.88"
22 mm

421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug, 3-wire	poly pack	6
B417-49	hardshell plug, 3-wire	mfg. pack	100
B880-49	hardshell plug, single lead	mfg. pack	100

See pages 199–200 for additional plug options

7 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

880-7 / 881-7 *LumenX*® LED
Oval Combo Stop, Turn, Tail & Back-Up Light

- Cyclops-style design integrates back-up light into stop/turn/tail light.
- Single bright white diode meets legal back-up light req. used in pairs.
- Available w/ integral AMP-compatible receptacles or hardwired leads.
- -7P versions have hardwired PL3 receptacle & blunt-cut back-up lead.
- Available in 9-16 volt or 9-32 (-MV) operating ranges.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.
- Kits include B880-49 and B417-49 plugs, plus grommet where req.

Order No.	Description	Pack	Std Carton
880K-7	grommet mount kit	poly pack	6
880K-7-MV	grommet mount kit, multi-volt	poly pack	6
881K-7	flange mount kit	poly pack	6
881K-7-MV	flange mount kit, multi-volt	poly pack	6
M880-7	grommet mount	mfg. pack	50
M880-7-MV	grommet mount, multi-volt	mfg. pack	50
M880-7P	grommet mount, hardwired PL3	mfg. pack	50
M881-7	flange mount	mfg. pack	50
M881-7-MV	flange mount, multi-volt	mfg. pack	50
M881-7P	flange mount, hardwired PL3	mfg. pack	50
M881TL-7	flange mount with recessed lens	mfg. pack	50

417/418 LED
4" Round Stop/Turn/Tail Light

36 diodes

HARD WIRED

VIZ PACK

MADE IN USA

- 9-16 volt operating range.
- Reverse voltage protection prevents damage if mis-installed.
- "Skirted" weld joint provides added protection against road and weather conditions.
- 418 has flange welded to light, forming a single unit.
- Does not require "Top" positioning to meet FMVSS 108 standards.
- 417R-P and 418R-P come with a built-in 3-wire adapter plug for easy and quick retrofit applications.
- Viz Packs include LED light with built-in adapter plug.
- V417KR kit includes 417R-P light and 426-18 mounting grommet.
- See page 38 for matching amber turn signal.

ORIGINAL 36-DIODE PIRANHA

| Order No.	Description	Pack	Std Carton
V417KR	red kit	Viz Pack	6
V418KR	red kit w/ flange	Viz Pack	6
M417R	red	mfg. pack	50
M418R	red w/ flange	mfg. pack	50
M417R-P	red w/ adapter plug	mfg. pack	50
M418R-P	red w/ flange & adapter plug	mfg. pack	50
M4260R	red w/ hardshell connector	mfg. pack	50
M4260RF	red flange w/ hardshell conn.	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100

1.35" 35mm

4.25" 108 mm 5.50" 140 mm 4.50" 115 mm

1.35" 35mm

4.25" 108 mm
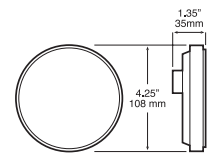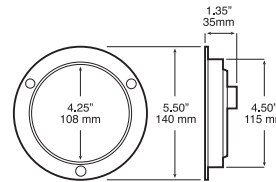
420/423 LED
Oval Stop, Turn & Tail Light

22 diodes

VIZ PACK

MADE IN USA

HARD WIRED

- Suitable for both over 80" and under 80" applications.
- Hardwired design with either stripped leads or PL3 plug.
- 9-16 volt operating range.
- Reverse voltage protection prevents damage if mis-installed.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.
- 423 has flange welded to light, forming a single unit.
- Viz Packs include light with built-in adapter plug.
- V420KR kit includes light and 421-18 mounting grommet.
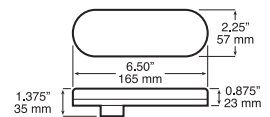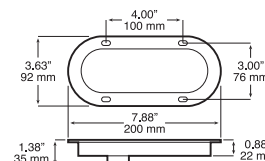- See page 40 for matching amber turn signal.

ORIGINAL 22-DIODE PIRANHA

Order No.	Description	Pack	Std Carton
V420KR	red kit, grommet	Viz Pack	6
V423KR	red kit, flange mount	Viz Pack	6
M420R	red, grommet	mfg. pack	50
M420R-P	red, grommet w/ PL3 plug	mfg. pack	50
M423R	red, flange	mfg. pack	50
M423R-P	red, flange w/ PL3 plug	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100

4.00" 100 mm

3.63" 92 mm   3.00" 76 mm

7.88" 200 mm

1.38" 35 mm   0.88" 22 mm

2.25" 57 mm

6.50" 165 mm

1.375" 35 mm   0.875" 23 mm

LED

**NEW!**

RECESSED LENS

1 diode

MADE IN USA

814/816 Single Diode LED
4" Round Stop, Turn & Tail Light

- Single diode LED light with traditional incandescent lens look.
- AMP-compatible connector integrated into housing.
- 9-16 volt operating range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 816R requires 426-18 grommet.
- 814R features gray housing with integral mounting flange.
- 417-49 or 817-49 plug required for installation.
- Compatible with connecting plugs shown on pages 199–200.
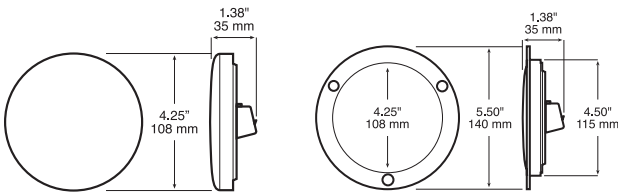
Order No.	Description	Pack	Std Carton
816R	grommet mount	poly pack	6
814R	flange mount	poly pack	6
M816R	grommet mount	mfg. pack	50
M814R	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100

1.38" 35 mm
4.25" 108 mm

1.38" 35 mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

NEW!

RECESSED LENS

1 diode

MADE IN USA

824/826 Single Diode LED
4" Round Stop, Turn & Tail Light

- Single diode LED light with traditional incandescent lens look.
- Industry-standard PL3 socket integrated into housing with locking tabs for added plug retention.
- 9-16 volt operating range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826R requires 426-18 grommet.
- 824R features gray housing with integral mounting flange.
- 431-491 plug required for installation.
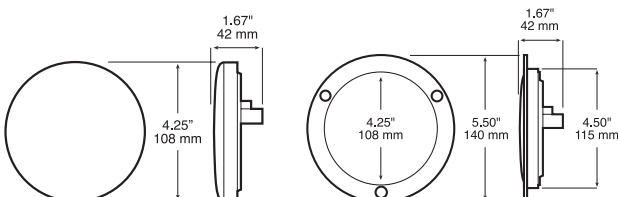
Order No.	Description	Pack	Std Carton
826R	grommet mount	poly pack	6
824R	flange mount	poly pack	6
M826R	grommet mount	mfg. pack	50
M824R	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

1.67" 42 mm
4.25" 108 mm

1.67" 42 mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

LED

827 Single Diode LED
4" Round Stop, Turn & Tail Light w/ Reflex

1 diode

MADE IN USA

INTEGRAL REFLEX REFLEX

NEW!

- Single diode LED light w/traditional incandescent lens look.
- Features reflector optics around lens periphery, eliminating need to mount and maintain a separate reflector.
- Industry-standard PL3 socket integrated into housing.
- 9-16 volt operating range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- Requires 426-18 grommet and 431-491 plug for installation.
- 827KR kit contains mounting grommet and connecting plug.
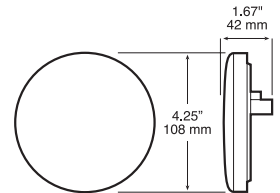
Note: Less than 75 sq. cm of effective, projected luminous lens area. For use on vehicles under 80" wide unless used in pairs per side.

1.67"
42 mm

4.25"
108 mm

Order No.	Description	Pack	Std Carton
827R	red with reflex	poly pack	6
827KR	red with reflex, kit	poly pack	12
M827R	red with reflex	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

829-7 *LumenX®* LED
4" Round Stop, Turn & Tail Light w/ Reflex

7 diodes

LumenX

MADE IN USA

REG Voltage Regulated

INTEGRAL REFLEX REFLEX

NEW!

- New white diodes behind red lens.
- Optically advanced design fully illuminates lens.
- Industry-standard PL3 socket integrated into housing.
- Flange with reflector optics integrated into lens, eliminating need for separate reflector.
- 9-16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- Includes protective gasket.
- See page 94 for matching 829C-7 back-up light.

1.67"
42 mm

4.25"
108 mm

5.50"
140 mm

4.50"
115 mm

Order No.	Description	Pack	Std Carton
M829R-7	flange mount with reflex	mfg. pack	50
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

LED

10 diodes

DEFENDER APPROVED

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

CLEAR LENS COLORED LIGHT
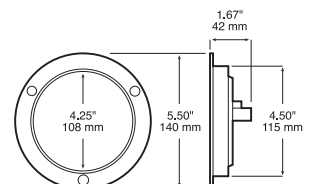
## 817/818CR-2 LED
4" Round Stop/Turn/Tail Light

- AMP-compatible connector integrated into housing.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- 818CR-2 has flange welded to light, forming a single unit.
- Skirted weld joint for added protection against moisture.
- "CR" versions feature red diodes behind clear lens.
- Does not require "Top" positioning to meet FMVSS 108 standards.
- Compatible with connecting plugs shown on pages 199 – 200.
- See page 38 for matching amber turn signal.
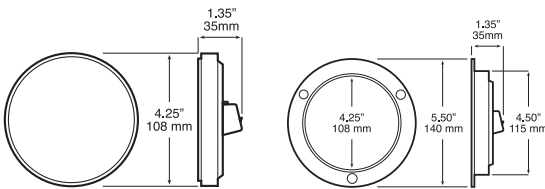
Order No.	Description	Pack	Std Carton
M817CR-2	10 diodes w/ clear lens	mfg. pack	50
M818CR-2	10 diodes w/ clear lens, flange	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
417-491	adapter plug	poly pack	6
B417-491	adapter plug	mfg. pack	100

1.35" 35mm
4.25" 108 mm

1.35" 35mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

7 diodes

DEFENDER APPROVED

MADE IN USA

CLEAR LENS COLORED LIGHT

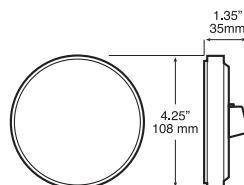## 817CR-3 LED
4" Round Stop/Turn/Tail Light

- Features red diodes behind clear lens.
- AMP-compatible connector integrated into housing.
- 9-16 volt operating range.
- Skirted weld joint for added protection against moisture.
- Does not require "Top" positioning to meet FMVSS 108 standards.
- Compatible with connecting plugs shown on pages 199 – 200.

1.35" 35mm
4.25" 108 mm

Order No.	Description	Pack	Std Carton
M817CR-3	7 diodes w/ clear lens	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
417-491	adapter plug	poly pack	6
B417-491	adapter plug	mfg. pack	100

LED

418R-4 LED
Surface Mount 4" Round Stop Turn & Tail Light

10 diodes

HARD WIRED

- 9-16 volt operating range.
- Hardwired design eliminates the need for separate plug and reduces connection points.
- Surface mounting for quick and versatile installation.
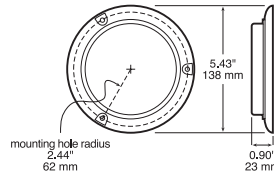- Accessory snap-on chrome bezel available.

Order No.	Description	Pack	Std Carton
M418R-4	red	mfg. pack	50
B418-10	chrome bezel	mfg. pack	50

5.43"
138 mm

mounting hole radius
2.44"
62 mm

0.90"
23 mm

423-4 LED
Surface Mount Oval Stop, Turn & Tail Light

10 diodes

VIZ PACK

HARD WIRED

MV Multi-Volt 12V & 24V

- Meets FMVSS 108 requirements when mounted horizontally or vertically.
- 9-32 volt operating range. (Viz-Pack version 12V only)
- Hardwired design eliminates the need for separate plug and reduces connection points.
- Surface mounting for quick and versatile installation.
- Decorative snap-on chrome bezel is included with Viz Pack kit or available as accessory for manufacturer pack.
- Amber auxiliary turn signal version also available. See page 40.
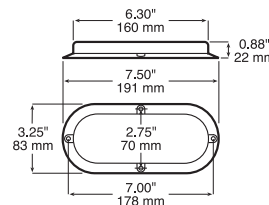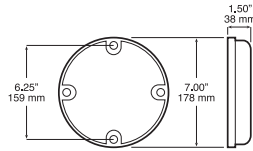- White auxiliary light version also available. See page 111.

Order No.	Description	Pack	Std Carton
V423XR-4	12V red kit with bezel	Viz Pack	3
M423R-4	multi-volt red	mfg. pack	50
B423-11	chrome bezel	mfg. pack	50

6.30"
160 mm

0.88"
22 mm

7.50"
191 mm

3.25"
83 mm

2.75"
70 mm

7.00"
178 mm

LED

17 diodes
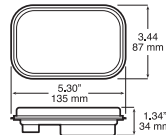
HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

INTEGRAL REFLEX REFLEX

717 LED
7" Bus & Transit Stop/Turn/Tail Lights

- Round, 7-inch size popular for bus and transit applications.
- Sealed potted design.
- 9–32 volt operating range.
- Surface mount with standard 4-hole mounting pattern.
- Comes standard with mounting gasket providing additional protection between lamp and mounting surface.
- Hardwired leads are terminated with two .180 male bullets and one ring terminal for ground.
- Features reflex optics on lens eliminating need to mount and maintain a separate reflector.
- Matching amber turn signal available on page 39.
- Matching white back-up light available on page 94.

1.50" 38 mm
6.25" 159 mm
7.00" 178 mm

Order No.	Description	Pack	Std Carton
717R	surface mount	poly pack	20

11 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

850-1 LED
Rectangular Stop/Turn/Tail Light

- Certified to meet both FMVSS 108 (USA) & ECE (European) requirements in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- 9–32 volt operating range.
- Hardwired design eliminates the need for separate plug and reduces connection points.
- 850R has 6.5' leads, others have 300mm (11.8") leads.
- 850R-1P has hardwired PL3 plug. 850R-AMP has hardwired AMP weatherproof plug. Others have stripped leads.
- See page 39 for matching turn signal, page 94 for back-up light.

3.44" 87 mm
5.30" 135 mm
1.34" 34 mm

Order No.	Description	Pack	Std Carton
850R	red, 6.5ft sheathed leads	mfg. pack	10
850R-AMP	red w/ hardshell connector	mfg. pack	10
850R-1	red w/ stripped leads	mfg. pack	10
850R-1P	red w/ PL3 plug	mfg. pack	10
B850-18	rubber grommet	mfg. pack	100
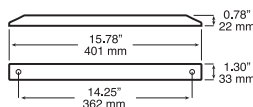
8 diodes

VIZ PACK

HARD WIRED

869 LED
LED Thin-Line Stop/Turn/Tail Light

- Meets DOT requirements vertically, horizontally or at 45 degree angle.
- Thin-line design fits narrow channel applications.
- Perfect for light- and medium-duty enclosed trailers.
- Hardwired design eliminates the need for separate plug and reduces connection points.
- 9–16 volt operating range.
- Mounts on 14¼" centers.

0.78" 22 mm
15.78" 401 mm
1.30" 33 mm
14.25" 362 mm

Order No.	Description	Pack	Std Carton
V869R	red	Viz Pack	6
M869R	red	mfg. pack	50

318 LED
Agricultural Stop, Tail, Turn & Warning Light

- ASAE S279.17 compliant.
- Perfect for all agricultural applications.
- Combination lights function as both red stop and tail light and amber turn signal and flashing warning light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Available with stripped leads or 4-pin plug for easy installation.
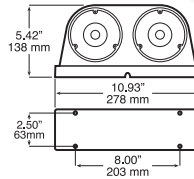
44 diodes

HARD WIRED

4-pin plug

Order No.	Description	Pack	Std Carton
318L	roadside, stripped leads	mfg. pack	16
318L-P	roadside, 4-pin plug	mfg. pack	16
318R	curbside, stripped leads	mfg. pack	16
318R-P	curbside, 4-pin plug	mfg. pack	16

5.42" 138 mm
10.93" 278 mm
2.50" 63mm
8.00" 203 mm

319 LED
Agricultural Stop/Turn/Tail Light

- ASAE S279.17 compliant.
- Perfect for all agricultural applications.
- Single-sided red stop and tail light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Available with stripped leads or 3-pin plug for easy installation.
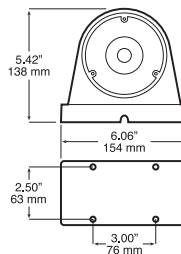- See matching 319AA amber turn signal/warning light on page 42.

12 diodes

HARD WIRED

3-pin plug

Order No.	Description	Pack	Std Carton
319R	red, stripped leads	mfg. pack	24
319R-P	red, 3-pin plug	mfg. pack	24

5.42" 138 mm
6.06" 154 mm
2.50" 63 mm
3.00" 76 mm

339 LED
## Round Single-Face Pedestal S/T/T Light

- Single stud pedestal mount.
- 3-wire electrical connection.
- Single 4" round acrylic lens.
- Chrome die-cast housing.
- 339R-DEU has hardwired Deutsch-style connector
- Matching 338-2 amber/red and 339A amber turn signals available on page 43.

24 diodes

VIZ PACK

HARD WIRED

Order No.	Description	Pack	Std Carton
V339R	red	Viz Pack	6
M339R	red	mfg. pack	24
M339R-DEU	red, hardwired connector	mfg. pack	24

4.55" 115 mm
6.00" 152 mm
4.10" 104 mm
1.70" 43 mm
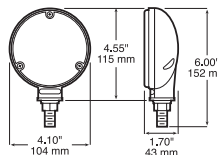
LED
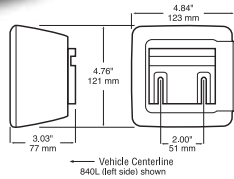
11/15 diodes

VIZ PACK
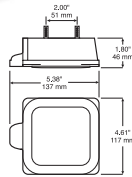
HARD WIRED

MARINE RECOM-MENDED

INTEGRAL REFLEX

840 LED
Under 80" Wide Combination Tail Light

- Combination LED stop, turn and tail light.
- Solid state construction—no bulbs to break or burn out.
- Fully sealed, submersible construction.
- Potted circuitry protects against moisture, corrosion, and vibration.
- Lower amp draw than incandescent lights.
- Designed to directly replace 440-series incandescent lights.
- M840L roadside light includes license light.
- Integral, dedicated side marker.
- Exceeds all DOT rear lighting and reflex requirements for trailers less than 80" wide.

4.84" 123 mm
4.76" 121 mm
3.03" 77 mm
2.00" 51 mm
Vehicle Centerline
840L (left side) shown

Order No.	Description	Pack	Std Carton
V840	without license light	Viz Pack	6
V840L	with license light	Viz Pack	6
M840	without license light	mfg. pack	24
M840L	with license light	mfg. pack	24

6/7 diodes
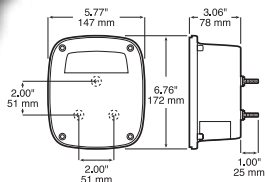
VIZ PACK

MADE IN USA

HARD WIRED

MARINE RECOM-MENDED

INTEGRAL REFLEX

844 LED Low Profile
Over 80" Wide Combination Tail Light

- Combination LED stop, turn and tail light.
- Fully sealed, submersible construction.
- Low profile, durable design.
- M844L roadside light includes license light.
- Exceeds all DOT rear lighting and reflex requirements for all trailers, including those 80" wide and over.
- Advanced lens optics for an evenly lit appearance.
- Replacement lenses available.

2.00" 51 mm
1.80" 46 mm
5.38" 137 mm
4.61" 117 mm

Order No.	Description	Pack	Std Carton
V844	without license light	Viz Pack	6
V844L	with license light	Viz Pack	6
M844	without license light	mfg. pack	24
M844L	with license light	mfg. pack	24
844-252	rear lens	poly pack	10
844-253	side lens	poly pack	10

29/35 diodes

VIZ PACK

HARD WIRED

INTEGRAL REFLEX

845 LED
5/6 Function Rear Combination Light

- Combination stop, turn, tail and back-up light with integral reflex.
- "L" version includes LED license light.
- Potted LED circuitry protects against moisture and road-shock.
- Popular 3-stud mounting design fits a wide range of applications.

5.77" 147 mm
3.06" 78 mm
2.00" 51 mm
6.76" 172 mm
2.00" 51 mm
1.00" 25 mm

Order No.	Description	Pack	Std Carton
V845	without license light	Viz Pack	6
V845L	with license light	Viz Pack	6
845	without license light	box	12
845L	with license light	box	12

852 LED
Over 80" Rear Combination Light

16/20 diodes

HARD WIRED

MARINE RECOM-MENDED

INTEGRAL REFLEX

- Combination rear light includes stop, turn, tail, rear clearance, rear side marker functions, plus rear and side reflex.
- Solid state construction—no bulbs to break or burn out.
- "L" version includes LED license light.
- Potted LED circuitry protects against moisture and road-shock.
- Lower amp draw than incandescent lights.
- Surface mounts with two studs on 2" centers.
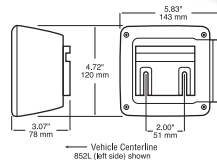
Order No.	Description	Pack	Std Carton
M852	without license light	mfg. pack	36
M852L	with license light	mfg. pack	36

856 LED
Over 80" Wide Combination Tail Light

10/14 diodes

VIZ PACK

HARD WIRED

MARINE RECOM-MENDED

INTEGRAL REFLEX

- Combination LED stop, turn and tail light.
- Solid state construction—no bulbs to break or burn out.
- Fully sealed, submersible construction.
- Potted circuitry protects against moisture, corrosion, and vibration.
- Lower amp draw than incandescent lights.
- Designed to directly replace 456-series incandescent lights.
- M856L roadside light includes license light.
- Integral, dedicated side marker diode.
- Carriage mounting bolts included.
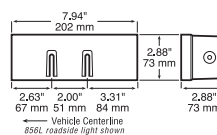- Exceeds all DOT rear lighting and reflex requirements for all trailers, including those 80" wide and over.

Order No.	Description	Pack	Std Carton
V856	without license light	Viz Pack	6
V856L	with license light	Viz Pack	6
M856	without license light	mfg. pack	30
M856L	with license light	mfg. pack	30

940 LED
Under 80" Wide Trailer Light Kit

VIZ PACK

HARD WIRED

MARINE RECOM-MENDED

INTEGRAL REFLEX

- Submersible LED rear lighting kit provides all legally-required lighting and reflectors for trailers under 80" wide.
- Includes one each of our low-profile 840/840L LED tail lights, two 170 amber LED front side marker lights with reflex, 20' trailer harness, license bracket, mounting hardware, and installation instructions.
- Attractive, secure visual pack.

Order No.	Description	Pack	Std Carton
V940	LED trailer light kit	Viz Pack	2

LED

941 LED
Under 80" Wide Trailer Rear Light Kit

VIZ PACK

HARD WIRED

MARINE RECOMMENDED

INTEGRAL REFLEX REFLEX

- Submersible LED rear lighting kit for trailers under 80" wide.
- Includes one each of our 840/840L LED tail lights plus 20' trailer harness, license bracket, mounting hardware, and installation instructions.
- Front side marker lights and side reflectors are necessary to meet DOT requirements.
- Replacement harness available separately.
- Attractive, secure visual pack.

Order No.	Description	Pack	Std Carton
V941	LED rear light kit	Viz Pack	2

944 LED Low Profile
Over 80" Wide Rear Trailer Light Kit

NEW!

VIZ PACK

MADE IN USA

HARD WIRED

MARINE RECOMMENDED

INTEGRAL REFLEX REFLEX

- Submersible LED rear lighting kit for all trailers, including those 80" wide and over.
- Includes one each of our 844/844L LED tail lights plus 25' trailer harness, license bracket, mounting hardware, and installation instructions.
- Front side marker lights, ID lights and side reflectors are necessary to meet DOT requirements.
- Low profile design.
- Advanced lens optics for an evenly lit appearance.
- Replacement lenses available, see pg. 251.

Order No.	Description	Pack	Std Carton
V944	LED trailer light kit	Viz Pack	2

947 LED
Over 80" Wide Rear Trailer Light Kit

VIZ PACK

HARD WIRED

MARINE RECOMMENDED

INTEGRAL REFLEX REFLEX

- Submersible rear lighting kit for all trailers 80" wide and over.
- Includes one each of our low profile 856/856L LED tail lights plus license bracket, mounting hardware, and installation instructions.
- Provides rear lighting and reflectors. Front side clearance/marker lights, side reflectors, and rear identification lights are necessary to meet all DOT requirements.
- Replacement harness available separately.

Order No.	Description	Pack	Std Carton
V947	LED rear light kit	Viz Pack	4

305
Surface-Mount Stop/Turn/Tail Light

- Rectangular red lamp functions as stop, turn, and tail light.
- Features include durable polycarbonate lens and base, and separate ground wire for mounting to all surfaces.
- Mounts on 4 5/16" centers.
- Features M5 x 0.8 threaded mounting studs.
- Rugged agricultural and construction vehicle design.
- See 305A turn signal for companion model.
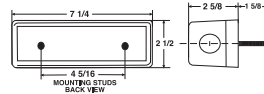
Order No.	Description	Pack	Std Carton
M305R	red	poly pack	36
305-25R	red lens	poly pack	10
1157	12 volt replacement bulb		

306
Surface-Mount Stop/Turn/Tail Light

- Rectangular, surface-mount light functions as rear S/T/T light.
- Features polycarbonate lens, galvanized steel base plate, dual-filament bulb, and tough plastic guard to protect lead wires.
- Mounts on 3 1/2" centers and grounds through mounting screw.
- See 306A turn signal and 393C back-up for companion models.
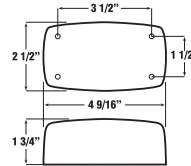
Order No.	Description	Pack	Std Carton
V306R	red	Viz Pack	6
M306R	red	mfg. pack	48
306-25R	red lens	poly pack	10
413-07	replacement pigtail	poly pack	25
2057	12 volt replacement bulb		

Note: Under 75 sq. cm of effective, projected luminous lens area.
For use on vehicles under 80" wide.

308/309
Agricultural Stop, Tail, Turn & Warning Lights

- ASAE S279.17 compliant.
- Perfect for all agricultural applications.
- 308 combination lights function as both red stop and tail light and amber turn signal and flashing warning light.
- Single-sided red version functions as stop and tail light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Rubber protective gasket seals unit from moisture and dust
- Replaceable bulb and lens.
- 4-pin plug (308) or 3-pin plug (309) for easy installation.
- Replacement lens kits include replacement gasket and screws.
- See matching 309AA double-sided amber turn signal / warning light on page 48.
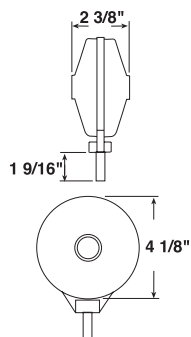- See 318 & 319 series LED version on page 17.
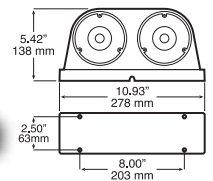
LED Version Available

4-pin plug

3-pin plug
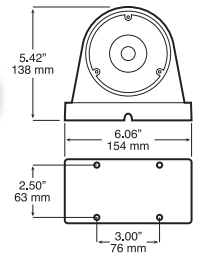
Order No.	Description	Pack	Std Carton
308L	dual housing – roadside	mfg. pack	16
308R	dual housing – curbside	mfg. pack	16
309R	red	mfg. pack	24
308-15A	amber replacement lens kit	poly pack	50
308-15R	red replacement lens kit	poly pack	50
308-15BLK	black block-off cover	poly pack	50

313-2
Single-Face Stop/Turn/Tail Light

- Pedestal-mount, single-face light functions as S/T/T light.
- Durable, black plastic housing with snap-on red acrylic lens.
- Two lead wires exit through 1/2" diameter hollow mounting stud.
- Grounds through mounting stud.
- Interchangeable with competitive units.

Order No.	Description	Pack	Std Carton
V313-2	red	Viz Pack	6
313-2	red	poly pack	12
M313-2	red	mfg. pack	48
313-15R	red lens	poly pack	10
313-15BLK	black lens cover	poly pack	10
413-07	replacement pigtail	poly pack	25
2057	replacement bulb		

2 3/8"

1 9/16"

4 1/8"
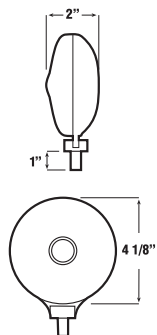
339-2
Chrome Diecast Stop/Turn/Tail Light

- Brilliantly chrome-plated, zinc diecast housing functions as stop, turn and tail light.
- Lens snaps over rubber O-ring eliminating need for lens screws and retainer rings.
- Two lead wires exit through 1/2" diameter hollow mounting stud.
- Grounds through mounting stud.
- Available in Viz Pack only.

Order No.	Description	Pack	Std Carton
V339-2	red	Viz Pack	6
338-15R	red lens	poly pack	10
338-18	replacement O-ring	poly pack	25
413-07	replacement pigtail	poly pack	25
1157	replacement bulb		
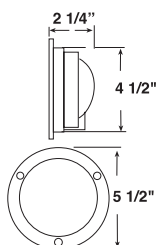
2"

1"

4 1/8"

LED Version Available

413
Flush-Mount Stop/Turn/Tail Light

- Double-wire, flush-mount 4" round light functions as S/T/T light.
- Black polycarbonate housing.
- 413-3 has reflector optics, eliminating need for separate reflector.
- Grounds through mounting screws.

Order No.	Description	Pack	Std Carton
V413	red	Viz Pack	6
413	red	poly pack	12
M413	red	mfg. pack	48
M413-24V	red, 24V bulb	mfg. pack	48
M413-3	red w/ reflector	mfg. pack	48
V410-15R	red lens	Viz Pack	12
410-15R	red lens	poly pack	10
411-24	mounting gasket	poly pack	1
415-15R	red reflector lens	poly pack	10
410-21	galvanized retainer ring	poly pack	25
425S-21	SS retainer ring	poly pack	25
413-07	replacement pigtail	poly pack	25
1157	replacement bulb		

413

413-3

2 1/4"

4 1/2"

5 1/2"

Note: Under 75 sq. cm of effective, projected luminous lens area. For use on vehicles under 80" wide.

INTEGRAL REFLEX BELTEX

24 Volt Version

413S
Stainless Flush-Mount Stop/Turn/Tail Light

- Double-wire, flush-mount 4" round light functions as S/T/T light.
- Stainless-steel housing and retainer ring.
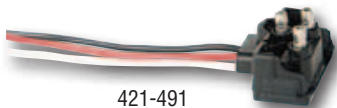- Grounds through mounting screws.

MADE IN USA

Order No.	Description	Pack	Std Carton
M413S	stainless-steel, red	mfg. pack	48
425S-21	SS retainer ring	poly pack	25

Refer to replacement and installation parts listed for 413 series on previous page.

1 5/8"
4 1/2"
5 1/2"
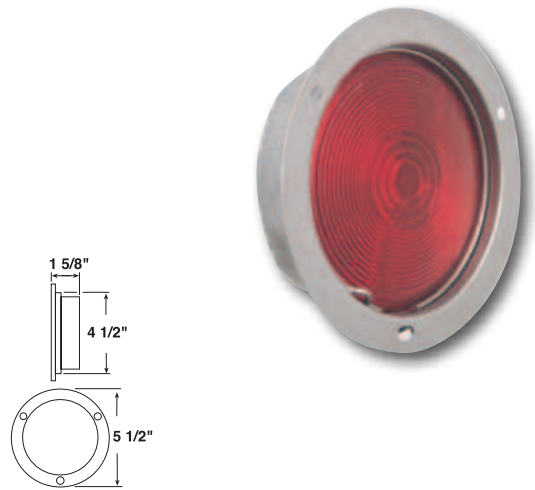
421 Sealed
Oval Stop/Turn/Tail Light

- Sealed, oval stop, turn, and tail light may be used on both curbside and roadside of vehicle or trailer.
- Legal in either horizontal or vertical position for both US and ECE applications.
- Polycarbonate lens is welded to housing to form single unit.
- Requires mounting grommet and 3-wire plug to complete installation.
- 421H surface mount light available for easy mounting.
- See 421A turn signal, and 416 back-up light for companion models.
- Kits include light, grommet, and right-angle plug.
- 12-volt lamps designed with dual-filament, 2.1/.59 amp, 32/3 cp bulb.
- Grommet versions may be mounted using accessory 421-09 metal bracket shown.

VIZ PACK

MADE IN USA

✓LED LED Version Available

MARINE RECOM-MENDED

⚡24 24 Volt Version

ECE & DOT

421-491

6 1/2"
2 1/4"
2 3/8"

Order No.	Description	Pack	Std Carton
V421R	red	Viz Pack	6
V421KR	red kit	Viz Pack	3
421R	red	poly pack	12
421KR	red kit	poly pack	12
M421R	red	mfg, pack	48
M421KR	red kit	mfg. pack	48
M421R-24V	red, 24-volt	mfg. pack	48
M421HR	red, surface-mount	mfg. pack	48
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-491	right angle plug	poly pack	12
B421-491	right angle plug	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100
421-09	mounting bracket	box	6

M421HR

8.13" 206 mm
2.40" 61 mm
2.56" 65 mm
7.31" 186 mm
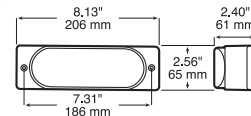
421-09 bracket
See page 180.
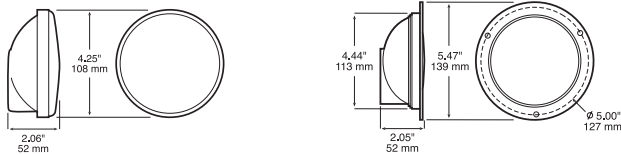
424/431 Sealed
4" Round Stop, Turn & Tail Light

- Sealed, 4" round stop, turn, and tail light.
- Fully automated manufacturing process ensures consistent quality.
- Features extra wide, spin-welded, tongue-and-groove lens seal.
- 424R features one-piece integral gray housing and flange.
- High performance steel conductors reduce possibility of wire failure.
- Wedge-base socket prevents premature bulb failure.
- 431KR kit includes light, grommet and 431-491 straight plug.
- See page 12 for 824/826 LED version.

Order No.	Description	Pack	Std Carton
431R	red, grommet mount	poly pack	12
424R	red, flange mount	poly pack	12
M431R	red, grommet mount	mfg. pack	50
M431KR	red, grommet mount kit	mfg. pack	50
M424R	red, flange mount	mfg. pack	48
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

425
Flush-Mount Stop/Turn/Tail Light

- Double-wire, flush-mount 4" round S/T/T light with VIBAR socket.
- 425 series features heavy-gauge steel housing with black powder-coated finish.
- 425S light features stainless-steel housing and retainer ring.
- 425-3 has powder-coated housing and reflector optics eliminating need for separate reflector.
- Fits in 4 1/2" hole and secures with three screws or rivets.

Note: 425-3 has less than 75 sq. cm of effective, projected luminous lens area. For use on vehicles under 80" wide.

425
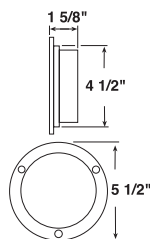
425S

425-3

Order No.	Description	Pack	Std Carton
425	red	poly pack	12
M425	red	mfg. pack	48
M425S	stainless-steel, red	mfg. pack	48
M425-3	red with reflex	mfg. pack	48
410-15R	red lens	poly pack	10
415-15R	red lens with reflex	poly pack	10
411-24	mounting gasket	mfg. pack	10
410-21	galvanized retainer ring	poly bag	25
425S-21	SS retaining ring	poly bag	25
413-07	replacement pigtail	poly pack	25
1157	replacement bulb		

426 Sealed
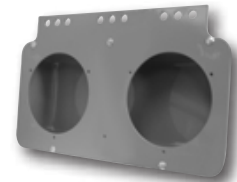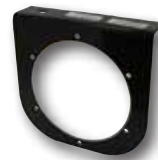### Long-Life Round 4" Stop, Turn & Tail Light

- Fully automated manufacturing process ensures consistent quality and reliability.
- Features extra wide, spin-welded, tongue-and-groove lens seal.
- 12-volt lamps feature dual-filament, long-life 2.1/.59 amp, 32/3 cp heavy-duty, long-life bulb.
- Long life, wedge-base socket prevents premature bulb failure.
- 426 lights require mounting grommet and 3-wire plug.
- Kits include 426R light, grommet, and 431-491 straight plug.
- See 426A turn signal, and 415 back-up light for companion models.
- Can be flange-mounted with use of 424-09 black snap-on flange. See page 179 for details.
- See page 12 for 826R single-diode LED version, page 6 for 826R-7 multi-diode LED equivalent.

Order No.	Description	Pack	Std Carton
V426R	red	Viz Pack	6
V426KR	red kit	Viz Pack	3
426R	red	poly pack	12
426KR	red kit	poly pack	12
M426R	red	mfg. pack	48
M426KR	red kit	mfg. pack	48
424-09	snap-on mounting flange	poly pack	24
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

4.25"
108 mm

2.06"
52 mm
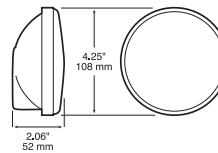
431-491

See page 178 for these additional mounting options.

429 Sealed
Round 4" S/T/T Light w/ Clear Rear Housing

- Sealed, 4" round stop, turn, and tail light.
- Clear back is ideal to illuminate service body compartments.
- Fully automated manufacturing process ensures consistent quality.
- Features extra wide, spin-welded, tongue-and-groove lens seal.
- High performance steel conductors reduce possibility of wire failure.
- Wedge-base socket prevents premature bulb failure.
- Requires mounting grommet and 3-wire plug.

| Order No.	Description	Pack	Std Carton
M429R	clear back	mfg. pack	48
424-09	snap-on mounting flange	poly pack	24
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

4.25"
108 mm

2.06"
52 mm
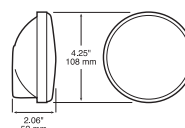
428 Universal Stud-Mount Stop, Turn, & Tail Light

- Stud-mount, combination tail light that functions as stop, turn, tail, and license light (428 only).
- Features 3-3/4" diameter wrap-over lens retained by two screws, black plastic housing, and two 10" lead wires.
- Mounts with two 1/4" studs on 2" centers.
- Grounds through mounting hardware.

Note: Less than 75 sq. cm of effective, projected luminous lens area.
For use on vehicles under 80" wide.

3 3/4"   2"
2 5/8"

Order No.	Description	Pack	Std Carton
V428	with license light	Viz Pack	3
V428S	without license light	Viz Pack	6
428	with license light	box	24
428S	without license light	box	24
M428	with license light	mfg. pack	60
M428S	without license light	mfg. pack	60
V420-15	red replacement lens 2-pack	Viz Pack	12
420-15	red replacement lens	poly pack	10
413-07	replacement pigtail	poly pack	25
1157	replacement bulb		
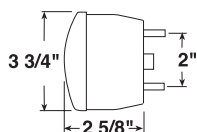
450R Sealed Stop, Turn & Tail Light

LED Version Available

- Sealed, 3"x 5" red stop, turn and tail light.
- Popular on commercial vehicles; replaces competitive rectangular lights.
- Kit includes light, grommet, and plug.
- Can be matched with 450A amber turn signal and 450C white back-up light with red reflex.

5 5/16"   3 7/16"   5"   1 15/16"

Order No.	Description	Pack	Std Carton
450KR	red kit	poly pack	20
M450R	red	mfg. pack	50
B450-18	grommet	mfg. pack	100
421-491	3-wire plug	poly pack	12
B421-491	3-wire plug	mfg. pack	100
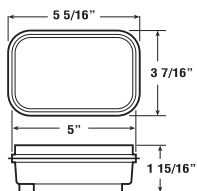
419 Rectangular Combination Rear Light

2 bulbs

- Red lens provides stop and tail functions, while amber lens serves as turn signal or flashing warning light.
- Popular OEM lamp for use on construction and agricultural equipment.
- Designed for use on vehicles under or over 80" wide.
- Two screws securely hold each lens and allow for easy bulb replacement.
- Lens gasket seals out moisture and extends bulb life.
- Mounts easily with two 5mm studs on 2 7/8" centers.
- Meets ECE requirements.

8 5/16"   2 3/4"   3 15/16"

| Order No.	Description	Pack	Std Carton
M419	red/amber	mfg. pack	36
419-25A	amber lens	poly pack	10
419-25R	red lens	poly pack	10
P21/5W 12V	replacement bulb stop & tail		
12498	replacement bulb turn signal		
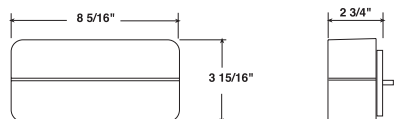
442
Universal Three-Stud Combination Rear Light

- Universal, OEM-style replacement tail light for Chevrolet, GMC, Ford, and International.
- Features three 1/4" diameter mounting studs with 2" triangular pattern.
- Junction box has universal terminals.
- Interchangeable with competitive models as follows:
- 442:   Chevrolet/GMC 715104, 795059 (right side);
         Ford D9HA13405B; IH 467708 C91, 424539 C91, 590158 C91
- 442L: Chevrolet/GMC 715103, 795058 (left side);
         Ford D8HZ13404A; IH 467707 C91, 424538 C91, 590157 C91

Order No.	Description	Pack	Std Carton
442	curbside	box	12
442L	roadside	box	12
445-25	replacement lens	poly pack	10
1157	replacement bulb (stop & tail)		
1156	replacement bulb (back-up)		

6 3/4"
6 1/4"
2 3/4"
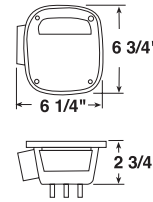
445
Universal Three-Stud Combination Rear Light

- Universal stud-mount combination tail light.
- Includes stop, turn, tail, back-up and license light functions.
- Features three 1/4" diameter mounting studs with 2" triangular pattern.
- Connects through 3 wire loom, grounds through mounting studs.
- OEM replacement for Peterbilt, Mack, White, and Jeep trucks.
- Services GM P/N 15613944 & 15565732, Navistar P/N 166282C91. Similar to Grote P/N 53702 and 5312.

Order No.	Description	Pack	Std Carton
V445	with license light	Viz Pack	6
445	with license light	box	12
445-25	replacement lens	poly pack	10
1157	replacement bulb (stop & tail)		
1156	replacement bulb (back-up)		

5.63"
143 mm
2.00"
51 mm
6.63"
168 mm
2.00"
51 mm
2.80"
71 mm
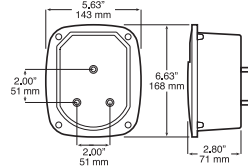
454
Mack Replacement Combination Rear Light

- Features two 1/4" studs mounted on 2" centers and built-in license light.
- Connects through 39", 3 wire loom, grounds through mounting studs.
- Design permits both left-and right-side installation.
- Replaces Mack numbers 14M0444RP1 and 14M0444RP4.

Order No.	Description	Pack	Std Carton
454	with license light	box	12
445-25	replacement lens	poly pack	10
1157	replacement bulb (stop & rail)		
1156	replacement bulb (back-up)		

5.63"
143 mm
6.63"
168 mm
2.00"
51 mm
2.80"
71 mm

VIZ PACK

MADE IN USA

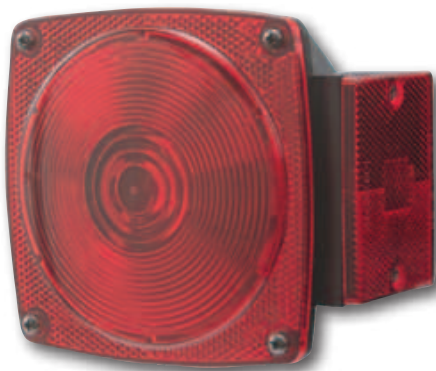**✓ LED** LED Version Available

INTEGRAL REFLEX BELTEX
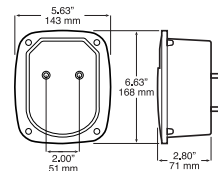
440
Under 80" Combination Rear Light

- Combination rear light for vehicles and trailers under 80" wide.
- Includes the following functions: stop, turn, tail, rear reflex, side marker, side reflex, and license light ("L" suffix only).
- Viz Pack and poly pack units include lead wire.
- Manufacturers pack features push-in connections with two extra ports for additional lights.
- Mounts on 2" centers and includes mounting hardware.
- Grounds through 1/4" mounting studs.
- V440-15 lens kit contains two lenses: 440-15 & 55-15R.
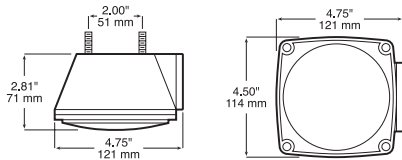
Order No.	Description	Pack	Std Carton
V440	without license light	Viz Pack	6
V440L	with license light	Viz Pack	6
440	without license light	box	12
440L	with license light	box	12
M440	without license light	mfg. pack	48
M440L	with license light	mfg. pack	48
V440-15	lens kit	Viz Pack	12
440-15	stop & tail lens	poly pack	10
55-15R	side marker lens	poly pack	10
1157	replacement bulb (stop & tail)		
168	replacement bulb (side)		

2.00" 51 mm
2.81" 71 mm
4.75" 121 mm
4.75" 121 mm
4.50" 114 mm

VIZ PACK

✓ LED LED Version Available

MARINE RECOMMENDED

INTEGRAL REFLEX BELTEX

441
Under 80" Submersible Combination Rear Light

- Combination rear light for vehicles and trailers under 80" wide.
- Includes the following functions: stop, turn, tail, rear reflex, side marker, side reflex, and license light ("L" suffix only).
- Features gaskets on both rear and side lenses with brown and yellow or green lead wires.
- Mounts on 2" centers and includes mounting hardware.
- Grounds through 1/4" mounting studs.
- V440-15 lens kit contains two lenses: 440-15 & 55-15R.
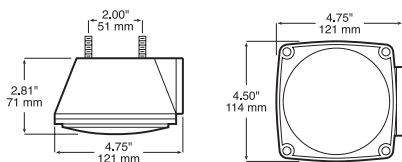
Order No.	Description	Pack	Std Carton
M441	without license light	mfg. pack	48
M441L	with license light	mfg. pack	48
V440-15	lens kit	Viz Pack	12
440-15	stop & tail lens	poly pack	10
55-15R	side marker lens	poly pack	10
1157	replacement bulb (stop & tail)		
1895	replacement bulb (side)		

2.00" 51 mm
2.81" 71 mm
4.75" 121 mm
4.75" 121 mm
4.50" 114 mm

444
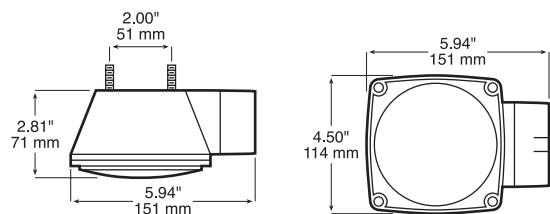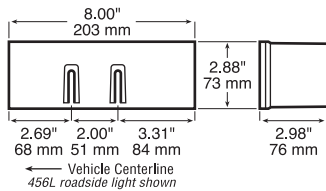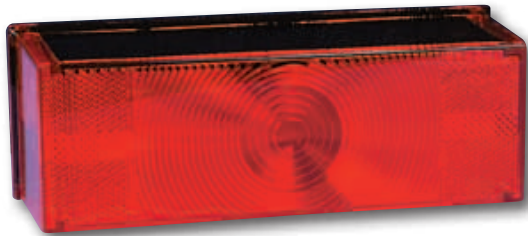## Over 80" Wide Combination Tail Light

- Combination rear light for vehicles and trailers 80" or more in width.
- Includes the following functions; stop, turn, tail, rear clearance, rear reflex, side marker, side reflex, and license light ("L" suffix).
- Features push-in connections with two extra ports for additional lights.
- Grounds through mounting studs.
- Mounts on 2" centers and includes mounting hardware.
- Units manufactured prior to April 2012 have the side marker lens attached with screws. Newer units use a snap-on lens. When ordering replacement side marker lenses, be sure to specify the appropriate style lens.

Order No.	Description	Pack	Std Carton
M444	without license light	mfg. pack	48
M444L	with license light	mfg. pack	48
440-15	stop & tail lens	poly pack	10
56-15R	side marker lens (screw type)	poly pack	10
444-15R	side marker lens (snap-on type)	poly pack	10
1157	replacement bulb (stop & tail)		
194/193	replacement bulb (side)		
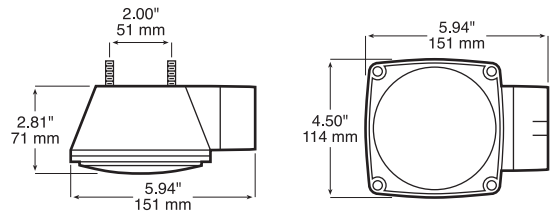
452
Over 80" Wide Submersible Combo Rear Light

- Combination rear light for vehicles and trailers 80" or more in width.
- Includes the following functions: stop, turn, tail, rear clearance, rear reflex, side marker, side reflex, and license light ("L" suffix).
- Features gaskets on both rear and side lenses.
- Grounds through mounting studs.
- Mounts on 2" centers.
- Includes mounting hardware.
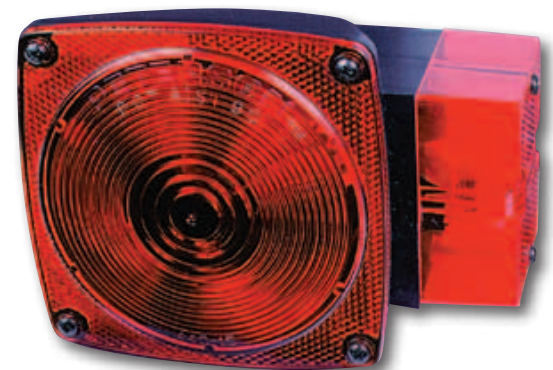
Order No.	Description	Pack	Std Carton
V452	without license light	Viz Pack	3
V452L	with license light	Viz Pack	3
M452	without license light	mfg. pack	48
M452L	with license light	mfg. pack	48
440-15	stop & tail lens	poly pack	10
56-15R	side marker lens	poly pack	10
1157	replacement bulb (stop & tail)		
194/193	replacement bulb (side)		

CHANNEL CAT™

VIZ PACK

✓LED LED Version Available

MARINE RECOM-MENDED

INTEGRAL REFLEX REFLEX

### 456 Over 80" Wide
Submersible Combination Tail Light

• Low-profile, over 80" submersible combination tail light.
• Includes the following functions: stop, turn, tail, rear clearance, rear reflex, side marker, side reflex, and license light ("L" suffix).
• Housing slides out for easy maintenance and bulb replacement while maintaining gasket seal.
• Grounds through separate lead wire.
• "-3P" versions are terminated with an industry-standard PL3 plug.
• Mounts on slide-on 2" centers and includes mounting hardware.
• Available in manufacturer's pack or visual pack.

8.00"
203 mm

2.88"
73 mm

2.69"   2.00"   3.31"   2.98"
68 mm 51 mm 84 mm   76 mm

← Vehicle Centerline
456L roadside light shown

Order No.	Description	Pack	Std Carton
V456	curbside light	Viz Pack	6
V456L	roadside light	Viz Pack	6
M456	curbside light	mfg. pack	30
M456-3P	roadside light, PL3 plug	mfg. pack	30
M456L	roadside light	mfg. pack	30
M456L-3P	roadside light, PL3 plug	mfg. pack	30
1157	replacement bulb (stop & tail)		
194/193	replacement bulb (side)		

VIZ PACK

MADE IN USA

INTEGRAL REFLEX REFLEX

457
Combination Tail Light

• Combination tail light with polar white base.
• Attractive rounded shape.
• Rugged, corrosion-resistant bulb socket.
• Includes the following functions: stop, turn, tail, rear reflex, and license light ("L" suffix).
• M457L includes license illuminator and license plate mounting bracket.
• Grounds through mounting hardware.
• Designed for horizontal mounting.
• Popular for use on enclosed trailers or recreational vehicles.
• Available in manufacturer's pack or visual pack.

5 1/16"

8 13/16"

2 3/4"
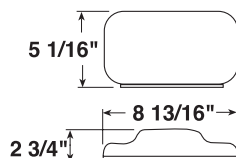
Order No.	Description	Pack	Std Carton
V457	without license light	Viz Pack	6
V457L	with license light	Viz Pack	6
M457	without license light	mfg. pack	48
M457L	with license light	mfg. pack	48
B457-15	replacement lens	poly pack	40
B457L-15	replacement lens	poly pack	40
1157	replacement bulb (stop & tail)		
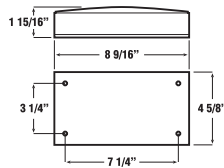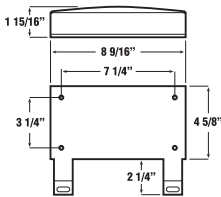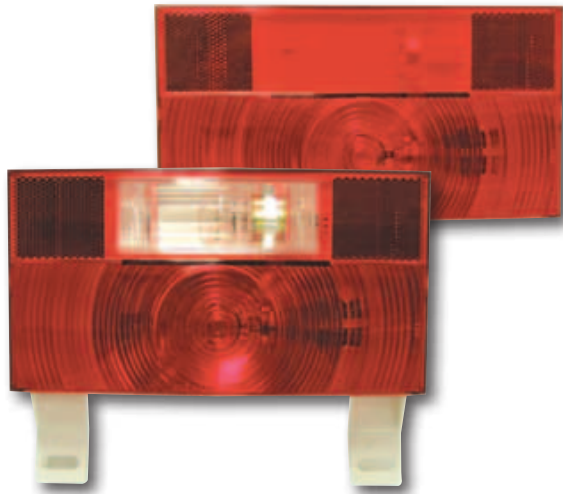
25911 / 25912 / 25913 / 25914
RV Stop/Turn/Tail Light with Reflex

- Surface mount rear combination tail light.
- Available with or without integral back-up light.
- Available with or without integral license light & plate mounting bracket.
- Popular for RV applications.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V25911	red	Viz Pack	10
V25912	red w/ back-up light	Viz Pack	10
V25913	red w/ license light and bracket	Viz Pack	10
V25914	red w/ license light, brkt, back-up	Viz Pack	10
V25911-25	replacement lens	Viz Pack	10
V25912-25	repl. lens w/ back-up light	Viz Pack	10
V25913-25	repl. lens w/ license light	Viz Pack	10
V25914-25	repl. lens w/ license & back-up	Viz Pack	10
1157	replacement S/T/T bulb		
1156	replacement backup bulb		
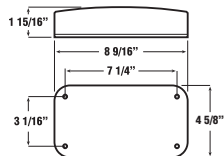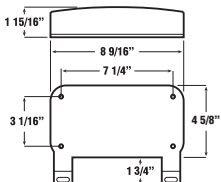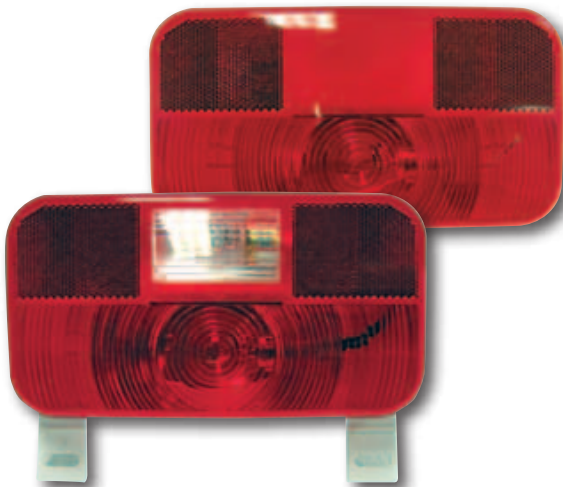
25921 / 25922 / 25923 / 25924
RV Stop/Turn/Tail & License Light with Reflex

- Surface mount rear combination tail light.
- Available with or without integral back-up light.
- Available with or without integral llicense light & plate mounting bracket.
- Popular for RV applications.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V25921	red	Viz Pack	10
V25922	red w/ back-up light	Viz Pack	10
V25923	red w/ license light and bracket	Viz Pack	10
V25924	red w/ license light, brkt, back-up	Viz Pack	10
V25921-25	replacement lens	Viz Pack	10
V25922-25	repl. lens w/ back-up light	Viz Pack	10
V25923-25	repl. lens w/ license light	Viz Pack	10
V25924-25	repl. lens w/ license & back-up	Viz Pack	10
1157	replacement S/T/T bulb		
1156	replacement backup bulb		

540
Under 80" Wide Trailer Light Kit

- Complete light kit for small trailers provides all legal lighting and reflectors for trailers under 80" wide.
- 540 kit include one each of 440/440L tail light, two 114A side marker lights, 20' trailer harness, license bracket, mounting hardware, and installation instructions.
- V440-15 lens kit contains two lenses: one 440-15 and one 55-15R.

Order No.	Description	Pack	Std Carton
V540	20 ft. harness	Viz Pack	2
M540	20 ft. harness	box	12
V440-15	lens kit	Viz Pack	12
440-15	stop & tail replacement lens	poly pack	10
55-15R	side marker replacement lens	poly pack	10
114-15A	amber replacement lens	poly pack	10
1157	replacement bulb (stop & tail)		
168	replacement bulb (rear marker)		
194/193	replacement bulb (front marker)		

541
Under 80" Wide Trailer Light Kit

- Rear light kit provides legal rear lighting and reflectors for trailers under 80" wide.
- Includes one each of 440/440L tail light, 20' trailer harness, license bracket, mounting hardware, and installation instructions.
- V440-15 lens kit contains three lenses: 440-15, 55-15R & 55-15A.
- Front side marker/clearance lights and front side reflectors are necessary to meet all DOT requirements.

| Order No.	Description	Pack	Std Carton
541	rear light kit	box	4
V440-15	lens kit	Viz Pack	12
440-15	stop & tail replacement lens	poly pack	10
55-15R	side marker replacement lens	poly pack	10
1157	replacement bulb (stop & tail)		
168	replacement bulb (rear marker)		

544
Over 80" Wide Submersible Rear Lighting Kit

- Over 80" submersible rear lighting kit for all trailers.
- Kit provides rear lighting and reflectors for trailers over 80" wide.
- Includes one each of our 452/452L tail light, 25' trailer harness, license bracket, mounting hardware, and installation instructions.
- Front side marker/clearance lights, front side reflectors and rear identification lights are necessary to meet all DOT requirements.

Order No.	Description	Pack	Std Carton
V544	kit	Viz Pack	2
440-15	stop & tail replacement lens	poly pack	10
56-15R	side marker replacement lens	poly pack	10
1157	replacement bulb (stop & tail)		
194/193	replacement bulb (side marker)		

547
Over 80" Wide Submersible Rear Lighting Kit

- Over 80" submersible rear lighting kit for all trailers.
- Provides rear lighting and reflectors for trailers 80" wide and over.
- Includes one each of our low profile 456/456L tail light, 25' trailer harness, license bracket, mounting hardware, and installation instructions.
- Front side marker/clearance lights, side reflectors and rear identification lights are necessary to meet all DOT requirements.

Order No.	Description	Pack	Std Carton
V547	kit	Viz Pack	2
1157	replacement bulb (stop & tail)		
194/193	replacement bulb (side marker)		
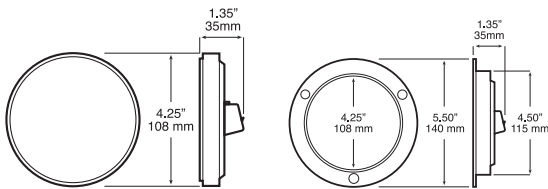
LED

NEW!

7 diodes

DEFENDER APPROVED

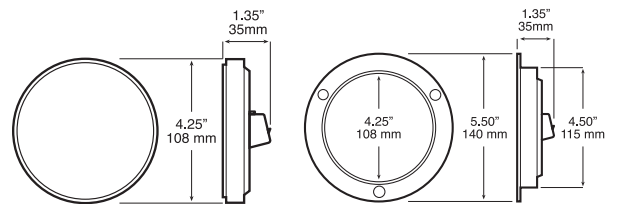LumenX

MADE IN USA

REG Voltage Regulated

817-7/818-7 *LumenX®* LED
4" Round Front & Rear Turn Signal

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- New white diodes and advanced optics fully illuminate lens.
- 817/818 series have both turn signal and low intensity marker light.
- 4731 lacks low light function.
- Meets DOT side marker requirements.
- AMP-compatible connector integrated into housing.
- 818-7 has flange integrated into the housing.
- 817-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-49 plug.
- 818 kit includes light and 817-49 plug.

Order No.	Description	Pack	Std Carton
817A-7	grommet mount	poly pack	6
818A-7	flange mount	poly pack	6
817KA-7	grommet mount kit	poly pack	6
818KA-7	flange mount kit	poly pack	6
M817A-7	grommet mount	mfg. pack	50
M818A-7	flange mount	mfg. pack	50
4731	grommet w/o low-light function	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100

1.35" 35mm

4.25" 108 mm

1.35" 35mm

4.25" 108 mm 5.50" 140 mm 4.50" 115 mm

NEW!

7 diodes

VIZ PACK

LumenX

MADE IN USA

REG Voltage Regulated

824-7/826-7 *LumenX®* LED
4" Round Front & Rear Turn Signal

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- New white diodes and advanced optics fully illuminate lens.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- Industry-standard PL3 socket integrated into housing.
- 824-7 has flange integrated into the housing.
- 826-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826 kit includes light, grommet and 431-491 plug.
- 824 kit includes light and 431-491 plug.

Order No.	Description	Pack	Std Carton
V826KA-7	grommet mount kit	Viz Pack	6
V824KA-7	flange mount kit	Viz Pack	6
826A-7	grommet mount	poly pack	6
824A-7	flange mount	poly pack	6
M826A-7	grommet mount	mfg. pack	50
M824A-7	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

1.67" 42 mm

4.25" 108 mm

1.67" 42 mm

4.25" 108 mm 5.50" 140 mm 4.50" 115 mm

817-9/818-9 *LumenX*® LED
4" Round Front & Rear Turn Signal

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- New white diodes behind amber lens.
- Advanced optics fully illuminate lens.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 818-9 has flange integrated into the housing.
- 817-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-49 plug.
- 818 kit includes light and 817-49 plug.

9 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

Multi-Volt 12V & 24V

Voltage Regulated

NEW!

Order No.	Description	Pack	Std Carton
817KA-9	grommet mount kit	poly pack	6
818KA-9	flange mount kit	poly pack	6
M817A-9	grommet mount	mfg. pack	50
M818A-9	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100

1.35" 35mm
4.25" 108 mm

1.35" 35mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

824-9/826-9 *LumenX*® LED
4" Round Front & Rear Turn Signal

- New white diodes behind amber lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 824-9 has flange integrated into the housing.
- 826-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Does not require "Top" positioning to meet FMVSS 108 standard.

9 diodes

LumenX

MADE IN USA

Multi-Volt 12V & 24V

Voltage Regulated

NEW!

Order No.	Description	Pack	Std Carton
826A-9	grommet mount	poly pack	6
824A-9	flange mount	poly pack	6
M826A-9	grommet mount	mfg. pack	50
M824A-9	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

1.67" 42 mm
4.25" 108 mm

1.67" 42 mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

LED

NEW!

7 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

REG Voltage Regulated

2.25" 57 mm
6.50" 165 mm
1.42" 36 mm

4.00 100 mm
3.63" 92 mm
3.00" 76 mm
7.88 200 mm
1.42" 36 mm
0.88" 22 mm
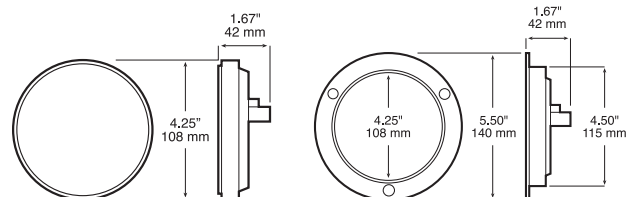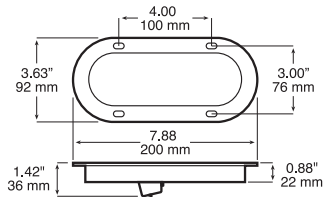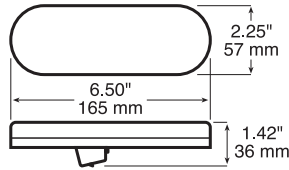
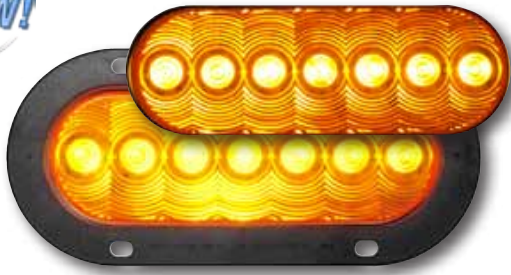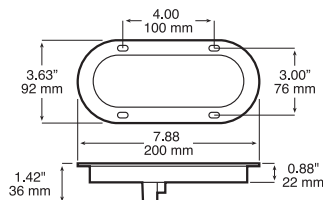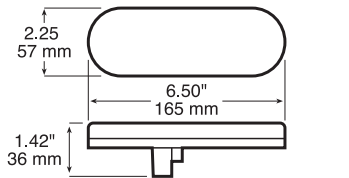## 820-7 / 823-7 *LumenX®* LED
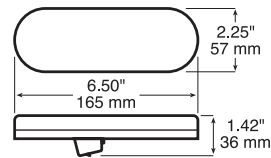## Oval Front & Rear Turn Signal

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- New white diodes behind amber lens.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- 823-7 has flange welded to light, forming a single unit.
- 820 kit includes light, grommet and 817-49 plug.
- 823 kit includes light and 817-49 plug.
- 9–16 volt operating range.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.

Order No.	Description	Pack	Std Carton
820A-7	grommet mount	poly pack	6
820KA-7	grommet mount kit	poly pack	6
823A-7	flange mount	poly pack	6
823KA-7	flange mount kit	poly pack	6
M820A-7	grommet mount	mfg. pack	50
M823A-7	flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100

NEW!

7 diodes

VIZ PACK

LumenX

MADE IN USA

REG Voltage Regulated

2.25 57 mm
6.50" 165 mm
1.42" 36 mm

4.00 100 mm
3.63" 92 mm
3.00" 76 mm
7.88 200 mm
1.42" 36 mm
0.88" 22 mm

821-7 / 822-7 *LumenX®* LED
Oval Front & Rear Turn Signal

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- New white diodes behind amber lens.
- Advanced optics fully illuminate lens.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- Industry-standard PL3 socket integrated into housing.
- 822-7 has flange welded to light, forming a single unit.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 821 kit includes light, grommet and 421-491 plug.
- 822 kit includes light and 421-491 plug.

Order No.	Description	Pack	Std Carton
V821KA-7	grommet mount kit	Viz Pack	6
V822KA-7	flange mount kit	Viz Pack	6
821A-7	grommet mount	poly pack	6
822A-7	flange mount	poly pack	6
M821A-7	grommet mount	mfg. pack	50
M822A-7	flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-491	plug	poly pack	12
B421-491	plug	mfg. pack	100

820-10/823-10 *LumenX*® LED
Oval Front & Rear Turn Signal

- Meets DOT standards for both **FRONT** and **REAR** turn signal use.
- New white diodes behind amber lens.
- Advanced optics fully illuminate lens.
- Includes both turn signal and low intensity marker light circuits.
- Meets DOT side marker requirements.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 823-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range compatible with both 12V and 24V vehicles.
- Meets FMVSS 108 req. in horizontal, vertical or any 360° position.
- 820 kit includes light, grommet and 817-49 plug.
- 823 kit includes light and 817-49 plug.

10 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

Multi-Volt 12V & 24V

REG Voltage Regulated

NEW!

LED

2.25" 57 mm
6.50" 165 mm
1.42" 36 mm

820A-10

Order No.	Description	Pack	Std Carton
820KA-10	grommet mount kit	poly pack	6
823KA-10	flange mount kit	poly pack	6
M820A-10	grommet mount	mfg. pack	50
M823A-10	flange mount	mfg. pack	50
M823ATL-10	narrow, 2-screw flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100

4.00 100 mm
3.63" 92 mm
3.00" 76 mm
7.88 200 mm
1.42" 36 mm
0.88" 22 mm

823A-10

7.25" 184 mm
3.31" 84 mm
7.88" 200 mm
1.42" 36 mm
0.88" 22 mm

823ATL-10

821-10/822-10 *LumenX*® LED
Oval Front & Rear Turn Signal

- New white diodes behind amber lens.
- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 822-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.

10 diodes

LumenX

MADE IN USA

Multi-Volt 12V & 24V

REG Voltage Regulated

NEW!

2.25 57 mm
6.50" 165 mm
1.42" 36 mm

Order No.	Description	Pack	Std Carton
821A-10	grommet mount	poly pack	6
822A-10	flange mount	poly pack	6
M821A-10	grommet mount	mfg. pack	50
M822A-10	flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-491	plug	poly pack	12
B421-491	plug	mfg. pack	100

4.00 100 mm
3.63" 92 mm
3.00" 76 mm
7.88 200 mm
1.42" 36 mm
0.88" 22 mm

LED
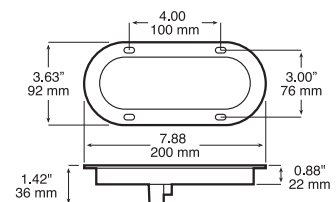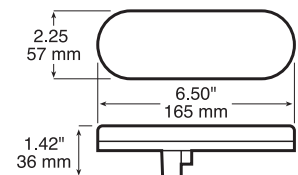
ORIGINAL 36-DIODE PIRANHA
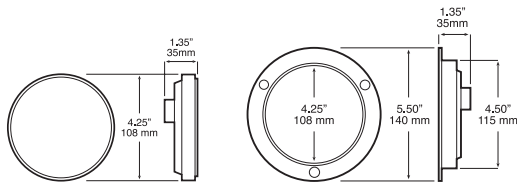
36 diodes

VIZ PACK

MADE IN USA

HARD WIRED

417TA / 418TA LED
4" Round Amber Rear Turn Signal Light

- 418TA has flange welded to light, forming a single unit.
- 417TA-P and 418TA-P come with a built-in 3-wire adapter.
- Does not require "Top" positioning to meet FMVSS 108.
- Viz Packs include LED light with built-in adapter plug.
- V417KTA kit includes 417TA-P light and 426-18 mounting grommet.
- 4260 series has hardwired leads with AMP shroud connector.
- See matching stop/turn/tail light on page 11.

Order No.	Description	Pack	Std Carton
V417KTA	amber kit	Viz Pack	6
V418KTA	amber kit w/ flange	Viz Pack	6
M417TA	amber	mfg. pack	50
M418TA	amber w/ flange	mfg. pack	50
M417TA-P	amber w/ adapter plug	mfg. pack	50
M418TA-P	amber w/ flange & adapter plug	mfg. pack	50
M4260A	amber w/ hardshell connector	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100

1.35" 35mm
4.25" 108mm

1.35" 35mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

"Bullseye" Sequential Flash Pattern

36 diodes

MADE IN USA

HARD WIRED

418Y LED
Bulls-Eye Rear Turn Signal / Warning Light

- Designed as rear-turn signal, mid-turn signal or warning/flasher light.
- Cycles through sequential flash pattern without external flasher unit.
- Includes low light function.
- Over-voltage and reverse voltage protection.
- Hardwired leads terminated with 3-wire molded adapter plug.
- Operates from 9-16 volts.
- Lens and housing welded to create watertight seal.
- 418 series has flange welded to housing to form a single unit.

See 417TA/418TA above for dimensions.

Order No.	Description	Pack	Std Carton
417YA-P	amber w/ adapter plug	poly pack	6
418YA-P	amber w/ flange & adapter plug	poly pack	6
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
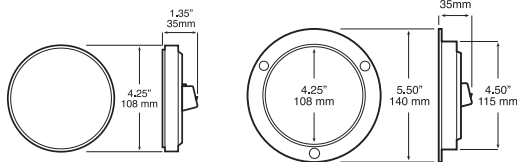
10 diodes

DEFENDER APPROVED

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

CLEAR LENS COLORED LIGHT

817TA-2C / 818TA-2C LED
4" Round Amber Rear Turn Signal Light

- Features amber diodes behind clear lens.
- AMP-compatible connector integrated into housing.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- 818TA-2C has flange welded to light, forming a single unit.
- Does not require "Top" positioning to meet FMVSS 108 standards.
- Compatible with connecting plugs shown on pages 199-200.

Order No.	Description	Pack	Std Carton
M817TA-2C	10 diodes w/ clear lens	mfg. pack	50
M818TA-2C	10 diodes w/ clear lens, flange	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
417-491	adapter plug	poly pack	6
B417-491	adapter plug	mfg. pack	100

1.35" 35mm
4.25" 108 mm

1.35" 35mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

418WTA LED
Mid-Trailer, Wide-Turn Signal

- Designed to improve visibility on tractor/trailer applications.
- Features 4" amber turn signal mounted in L-bracket with bright "Caution Wide Turn" graphics.
- Commonly used in mid-turn applications.
- Can be configured for either right- or left-side application.
- Kit includes sign, light, and instruction sheet.
- Available with original 418A 36-diode hardwired Piranha® light or new LumenX® 818A-7 light.
- 818WTA requires AMP-compatible plug to complete installation.

7/36 diodes

LumenX

MADE IN USA

HARD WIRED

Order No.	Description	Pack	Std Carton
418WTA	36-diode Piranha®	box	6
818WTA	7-diode LumenX®	box	6
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
B817-49	molded plug	mfg. pack	100
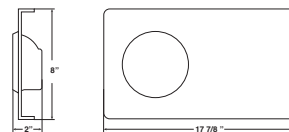
717 LED
7" Transit Front & Rear Turn Signal

- Round, 7-inch size popular for bus and transit applications.
- Sealed potted design.
- 9–32 volt operating range.
- Surface mount with standard 4-hole mounting pattern.
- Comes standard with mounting gasket providing additional protection between lamp and mounting surface.
- Hardwired leads terminated with .180 male bullet and ring terminal for ground.
- Matching red stop/turn/tail light available on page 16.
- Matching white back-up light available on page 94.

17 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

Order No.	Description	Pack	Std Carton
717A	surface mount	poly pack	20
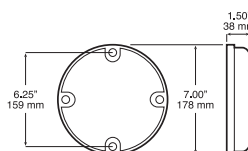
850-1 LED
Rectangular Turn Signal

- Certified to meet both FMVSS 108 (USA) & ECE (European) requirements in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- 9–32 volt operating range.
- Hardwired design eliminates the need for separate plug and reduces connection points.
- 850A has 6.5' leads, others have 300mm (11.8") leads.
- 850A-1P has hardwired PL3 plug. Others have stripped leads.
- See matching stop/turn/tail light on page 16, matching back-up light on page 94.

11 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

Order No.	Description	Pack	Std Carton
850A	amber, 6.5' sheathed leads	mfg. pack	10
850A-1	amber	mfg. pack	10
850A-1P	amber w/ PL3 plug	mfg. pack	10
B850-18	grommet	mfg. pack	50

LED
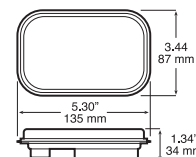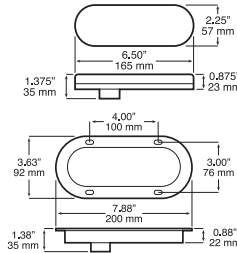
35 diodes

MADE IN **USA**

HARD WIRED

⚡**24**
24 Volt Version

420Q / 423Q LED
Amber Sequential Auxiliary / Marker Light

• Sealed, oval 35 LED sequential-arrow light for auxiliary applications such as mid-turn signal or warning light.
• Cycles through multiple sequential arrows until fully illuminated.
• Hardwired design includes 3-wire molded adapter plug.
• 12 volt version 9-16 volt operating range. "-24V" denotes 24 volt version.
• Over-voltage and reverse voltage protection.
• Available in grommet or flange mount models.
• Low light function is legal marker light.

Order No.	Description	Pack	Std Carton
420QA-P	amber	poly pack	6
423QA-P	amber w/ flange	poly pack	6
423QA-P-24V	amber w/ flange, 24 volts	poly pack	6
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100

10 diodes

HARD WIRED

⚡**MV**
Multi-Volt 12V & 24V

423A-4 LED
Surface Mount Oval Auxiliary Turn Signal

• 9-32 volt operating range.
• Surface mounting for quick and versatile installation.
• Decorative snap-on chrome bezel available as accessory.
• Matching stop/turn/tail version available. See page 15.

Shown with accessory bezel installed

Order No.	Description	Pack	Std Carton
M423A-4	amber	mfg. pack	50
B423-11	accessory chrome bezel	box	6

22 diodes

MADE IN **USA**

HARD WIRED

ORIGINAL 22-DIODE PIRANHA
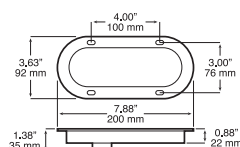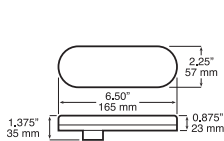
2875 LED
Oval Amber Auxiliary/Clearance/Marker Light

• Two function light for mid turn, auxiliary or warning light applications.
• Operates from 9-16 volts with reverse voltage protection.
• Hardwired leads include 3-wire molded adapter plug.
• Meets FMVSS 108 requirements for clearance/side marker lamp.
• See matching stop/turn/tail light on page 11.

Order No.	Description	Pack	Std Carton
M2875A-P	amber	mfg. pack	50
M2875AF-P	amber w/ flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100

350 LED
Oval Amber Auxiliary / Mid-Turn Light

6 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

MADE IN USA

INTEGRAL REFLEX REFLEX

- Two-function, 6-diode LED light that may be used as auxiliary mid-turn, while providing intermediate side marker light and side reflector.
- Hardwired design eliminates plug, reduces connection points.
- Features sealed lens and housing.
- Operates from 9-32 volts.
- Equipped with hardwired AMP hardshell connector; "-P" version terminated with standard PL3 plug.
- 350A-PKD2 has only two leads, features high intensity turn function only (no side marker function).

Order No.	Description	Pack	Std Carton
350A-P	amber w/ plug	poly pack	6
350AF	amber w/ flange	poly pack	6
M350A	amber	mfg. pack	50
M350AF	amber w/ flange	mfg. pack	50
M350A-P	amber w/ plug	mfg. pack	50
M350A-PKD2	amber, high intensity light only	mfg. pack	4
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100

351 *LumenX*® LED
Oval Amber Auxiliary / Mid-Turn Light

6 diodes

LumenX

MADE IN USA

INTEGRAL REFLEX REFLEX

NEW!

- Two-function, 6-diode LED light that may be used as auxiliary mid-turn, while providing intermediate side marker light and side reflector.
- Integrated industry-standard PL3 socket.
- Sealed lens and housing.
- Operates from 9-16 volts.
- Compatible with connecting plugs shown on pages 201–203.

Order No.	Description	Pack	Std Carton
M351A	amber	mfg. pack	50
M351AF	amber w/ flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100

355 *LumenX*® LED
Oval Amber Auxiliary / Mid-Turn Light

6 diodes

LumenX

MADE IN USA

INTEGRAL REFLEX REFLEX

NEW!
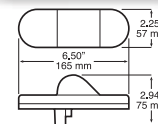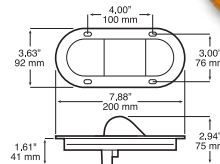
- Two-function, 6-diode LED light that may be used as auxiliary mid-turn light, while functioning as side marker light and side reflector.
- AMP-compatible connector integrated into housing.
- Sealed lens and housing.
- Operates from 9-16 volts.
- Compatible with connecting plugs shown on pages 199-201.

Integrated receptacle accepts AMP-style sealed connector

Order No.	Description	Pack	Std Carton
M355A	amber	mfg. pack	50
M355AF	amber w/ flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100

LED

NEW!

15 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

REG Voltage Regulated
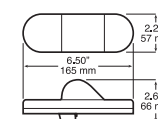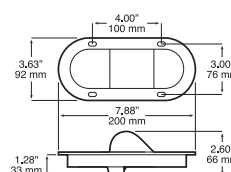
CALIFORNIA COMPLIANT
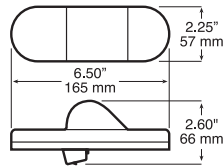
356 *LumenX®* LED
Oval Mid-Turn Marker Light w/ Reflex

- Two-function light may be used as mid-turn, while providing intermediate side marker light and side reflector.
- AMP-compatible connector integrated into housing.
- Meets SAE J914B, SAE J2039 specifications.
- Meets CA Title 13 requirements.
- 9-16 volt operating range.
- Regulated design provides voltage protection and consistent output.
- Available in grommet and flange mount versions.

2.25"
57 mm

6.50"
165 mm

2.60"
66 mm

Order No.	Description	Pack	Std Carton
356A	amber	poly pack	6
356AF	amber w/flange	poly pack	6
M356A	amber	mfg. pack	50
M356AF	amber w/flange	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-49	hardshell plug	poly pack	6
B417-49	hardshell plug	mfg. pack	100
817-49	molded plug	poly pack	6
B817-49	molded plug	mfg. pack	100

32 diodes

HARD WIRED

319AA
Two-Sided Agricultural Turn/Warning Light

- ASAE S279.13 compliant.
- Perfect for all agricultural applications.
- Double-sided amber light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Available with stripped leads or 3-pin plug for easy installation.
- See matching stop/turn/tail light and combination light on page 17.

3-pin plug

5.42"
138 mm

6.06"
154 mm

2.50"
63 mm

3.00"
76 mm
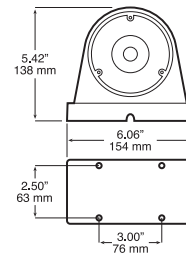
Order No.	Description	Pack	Std Carton
319AA	amber, stripped leads	mfg. pack	24
319AA-P	amber, 3-pin plug	mfg. pack	24

327 LED
Double-Face Park & Turn Light w/ Side Marker

50 diodes

- Available with two amber lenses or with amber lens facing front of vehicle and red lens facing to rear.
- 327L for roadside use, 327R for curbside.
- Includes side marker function and reflex.
- 2-stud pedestal mount.
- 3-wire electrical connection.
- Two 4.5" square acrylic lenses.
- Chrome plated plastic housing.

VIZ PACK

HARD WIRED

INTEGRAL REFLEX
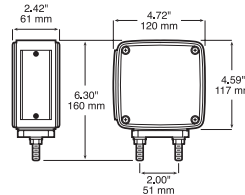
Order No.	Description	Pack	Std Carton
V327AA	amber/amber	Viz Pack	6
V327L	amber/red, roadside	Viz Pack	6
V327R	amber/red, curbside	Viz Pack	6

2.42" 61 mm   4.72" 120 mm   4.59" 117 mm   6.30" 160 mm   2.00" 51 mm

338-2 LED
Double-Face Round Park & Turn Light

48 diodes

- Has amber lens facing front of vehicle, red lens facing to rear.
- Reversible for use on either side of vehicle.
- Single stud pedestal mount.
- 3-wire electrical connection.
- Two 4" round acrylic lenses.
- Chrome die-cast housing.

VIZ PACK

HARD WIRED
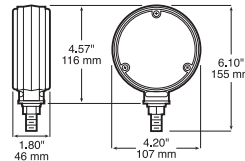
Order No.	Description	Pack	Std Carton
V338-2	amber/red	Viz Pack	6

4.57" 116 mm   6.10" 155 mm   1.80" 46 mm   4.20" 107 mm

339 LED
Single-Face Combo Park & Turn or S/T/T Light

24 diodes

- 339A amber (front-facing) and 339R red (rear-facing) versions.
- Single stud pedestal mount.
- 3-wire electrical connection.
- Single 4" round acrylic lens.
- Chrome die-cast housing.
- V339R shown here is also listed with stop/turn/tail lights on page 17.

VIZ PACK

HARD WIRED
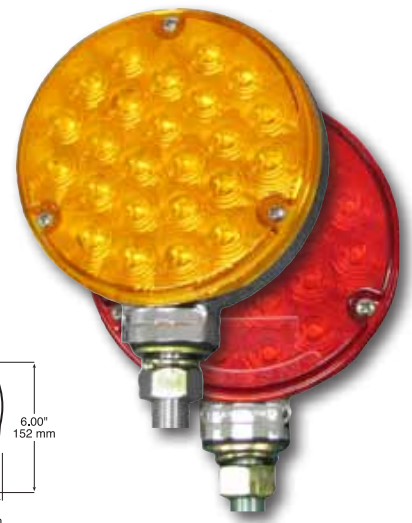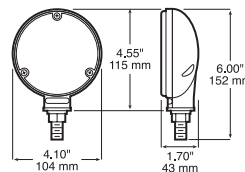
Order No.	Description	Pack	Std Carton
V339A	amber	Viz Pack	6
V339R	red	Viz Pack	6

4.55" 115 mm   6.00" 152 mm   4.10" 104 mm   1.70" 43 mm

MADE IN USA

✓ LED LED Version Available

LONG LIFE BULB

426 Sealed
Round 4" Turn Signal Light

- Meets DOT requirements for rear turn signal and/or front park & turn.
- Kits include light, grommet and 431-491 straight plug.
- See 426R stop and tail, and 415 back-up light for companion models.
- 12-volt lamps have long life, dual-filament, 2.1/.59 amp, 32/3 cp bulb.
- See 826A-7 LED version on page 34.

Order No.	Description	Pack	Std Carton
426A	amber	poly pack	12
426KA	amber kit	poly pack	12
M426A	amber	mfg. pack	48
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-491	3-wire plug	poly pack	12
B431-491	3-wire plug	mfg, pack	100

4.25" 108 mm
2.06" 52 mm

MADE IN USA

✓ LED LED Version Available

431A Sealed
Amber Turn Signal

- Meets DOT requirements for rear turn signal and/or front park & turn
- Features extra wide, spin-welded, tongue-and-groove lens lip.
- High performance, copper alloy conductors.
- Heavy duty bulb and socket prevents premature bulb failure.
- Kit includes light, grommet, and plug.

Order No.	Description	Pack	Std Carton
431A	amber	poly pack	12
M431A	amber	mfg. pack	50
M431KA	amber kit	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-49	2-wire plug	poly pack	12
B431-49	2-wire plug	mfg. pack	100
431-491	3-wire plug	poly pack	12
B431-491	3-wire plug	mfg. pack	100

4.25" 108 mm
2.06" 52 mm

MADE IN USA

✓ LED LED Version Available

⚡24 24 Volt Version

421 Sealed
Oval Turn Signal Light

- Meets DOT requirements for rear turn signal and/or front park & turn signal in either horizontal or vertical position.
- Kits include light, grommet, and right-angle plug.
- See 421R stop and tail, and 416 back-up light for companion models.
- Equipped with dual-filament, 2.1/.59 amp, 32/3 cp bulb.
- See 821A-7 LED version on page 36.

Order No.	Description	Pack	Std Carton
421A	amber	poly pack	12
421KA	amber kit	poly pack	12
M421A	amber	mfg. pack	48
M421KA	amber kit	mfg. pack	48
M421A-24V	amber, 24-volt	mfg. pack	48
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-491	3-wire plug	poly pack	12
B421-491	3-wire plug	mfg. pack	100

421-491

6 1/2"
2 1/4"
2 3/8"

305
Turn Signal Light

- Amber lamp functions as turn signal or flashing warning light.
- Matches 305R stop and tail light.
- Mounts horizontally 4-5/16" (4.31") centers.
- Features M5 x 0.8 threaded mounting studs.
- Has separate ground wire for mounting on non-conductive surfaces.
- Rugged design perfect for agricultural or construction vehicles.
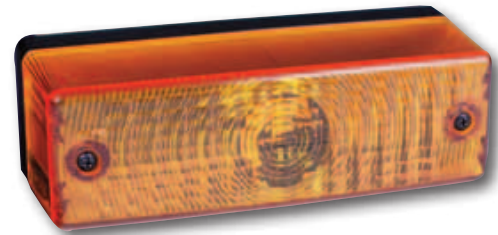
Order No.	Description	Pack	Std Carton
M305A	amber	mfg. pack	36
305-25A	amber lens	poly pack	10
1156	replacement bulb		
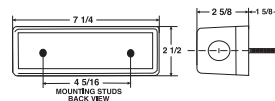
306/393
Surface-Mount Rectangular Turn Signal Light

- 306A functions as turn signal and parking light.
- 393A has single-filament bulb, functions as turn signal light only.
- Matches 306R stop and tail light and 393C back-up light.
- Features polycarbonate lens, durable galvanized steel base plate, and tough nylon bushing to protect lead wires.
- Grounds through mounting screw.
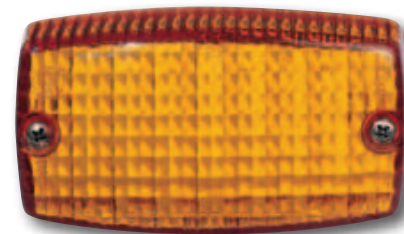
Order No.	Description	Pack	Std Carton
V306A	amber, dual filament	Viz Pack	6
M306A	amber, dual filament	mfg. pack	48
393A	amber, w/o low light function	box	24
306-25A	amber lens	poly pack	10
2057	replacement bulb for 306A		
1156	replacement bulb for 393		
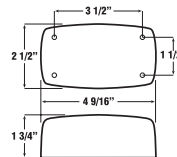
Note: Less than 75 sq. cm of effective, projected luminous lens area.
For use on vehicles under 80" wide.

450A Sealed
Amber Turn Signal

- Sealed, 3" x 5" amber parking & turn signal light.
- Popular on commercial market vehicles; fits competitive rectangular lights.
- Kit includes light, grommet, and plug.
- Can be matched with 450R red S/T/T light and 450C white back-up light with red reflex.
- See 850A-1 LED version on page 39.

Order No.	Description	Pack	Std Carton
450KA	amber kit	poly pack	20
B450-18	grommet	mfg. pack	100
421-491	3-wire plug	poly pack	12
B421-491	3-wire plug	mfg. pack	100

MADE IN USA
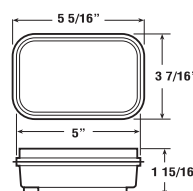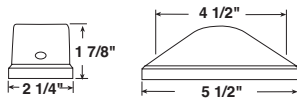
343
Combination Turn Signal & Side Marker

- Surface-mount unit meets SAE recommended practice for side turn signal, while providing marker light functions.
- Popular model commonly referred to as a mid-turn light.
- Bulb-replaceable unit 343 has 3/8" base and three lead wires: two blunt cut and one ground wire with ring terminal.
- 2757 has lens welded to 9/16" tall base and three lead wires with .180 molded bullets.

Order No.	Description	Pack	Std Carton
M343A	amber	mfg. pack	48
2757	amber	mfg. pack	48
343-25A	amber lens	poly pack	10
343-241	mounting gasket	mfg. pack	10
3157	replacement bulb		

4 1/2"
1 7/8"
2 1/4"
5 1/2"

MADE IN USA

✓LED LED Version Available

INTEGRAL REFLEX BELTEX

352 Sealed
Combination Turn Signal & Side Marker

- Amber unit meets SAE recommended practice for side turn signal, while providing side marker light and side reflector functions.
- Popular model commonly referred to as a mid-turn light.
- 421-18 grommet and 3-wire plug are required for installation.
- Kit includes light, 421-18 grommet, and 431-491 plug.
- See part number 421-09 for angle mounting bracket option.
- Meets SAE J2039 requirements for mid-turn lights on large trailers.
- See 356 LED version on page 42.
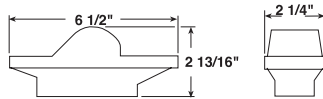
Order No.	Description	Pack	Std Carton
352A	amber	poly pack	12
M352A	amber	mfg. pack	48
M352KA	amber kit	mfg. pack	48
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-491	rt. angle plug	poly pack	12
B421-491	rt. angle plug	mfg. pack	100
431-491	plug	poly pack	12
B431-491	plug	mfg. pack	100

6 1/2"
2 1/4"
2 13/16"

MADE IN USA

✓LED LED Version Available

LONG LIFE BULB
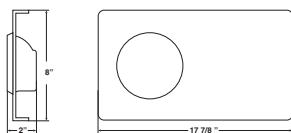
426WTA
Mid-Trailer, Wide-Turn Signal

- Designed to improve visibility on tractor/trailer applications.
- Features 4" amber turn signal mounted in L-bracket with bright "Caution Wide Turn" graphics.
- Commonly used in mid-turn applications.
- Can be configured for either right- or left-side application.
- Kit includes sign, light, grommet, plug, mounting bracket, and instruction sheet.
- See LED versions on page 39.

CAUTION WIDE TURNS

8"
2"
17 7/8"

Order No.	Description	Pack	Std Carton
426WTA	amber, wide turn	box	6

VIZ PACK
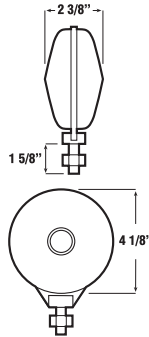
313R
Single-Face Turn Signal Light

- Pedestal-mount, red single-face turn signal or warning light.
- Durable, black plastic housing will not rust or corrode.
- Snap-on acrylic lens is interchangeable with competitive models.
- Single lead wire exits through 1/2" diameter stud.
- Grounds through mounting stud.

Order No.	Description	Pack	Std Carton
V313R	red	Viz Pack	6
313R	red	poly pack	12
313-15BLK	black back	poly pack	10
313-15R	red lens	poly pack	10
411-07	replacement pigtail	poly pack	25
1156	replacement bulb		

VIZ PACK
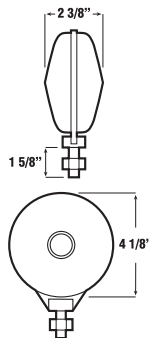
313AA Double Face
Amber Park and Turn Signal

- Pedestal-mount, double face amber light functions as combination turn signal, parking light or warning light.
- Durable, black plastic housing with two snap-on amber lenses.
- Two lead wires exit through 1/2" diameter mounting stud.
- Grounds through mounting stud.
- Converts to single-face amber light by snapping on black back.

Order No.	Description	Pack	Std Carton
V313AA	amber/amber	Viz Pack	6
313AA	amber/amber	poly pack	12
313-15BLK	black back	poly pack	10
313-15A	amber lens	poly pack	10
413-07	replacement pigtail	poly pack	25
2057	replacement bulb		

VIZ PACK
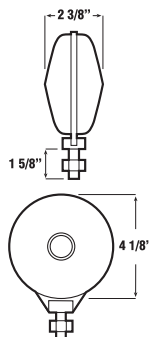
313-2 Double-Face
Red/Amber Park and Turn Signal

- Pedestal-mount, double-face red/amber light functions as combination turn signal, parking light or warning light.
- Durable, black plastic housing with snap-on red and amber lenses.
- Two lead wires exit through 1/2" diameter mounting stud.
- Grounds through mounting stud.
- Popular style lamp is interchangeable with competitive units.
- Can be converted to single-face by snapping on black back.

Order No.	Description	Pack	Std Carton
V313-2RA	red/amber	Viz Pack	6
313-2RA	red/amber	poly pack	12
313-15BLK	black back	poly pack	10
313-15A	amber lens	poly pack	10
313-15R	red lens	poly pack	10
413-07	replacement pigtail	poly pack	25
2057	replacement bulb		

335 / 335-2
Double-Faced Turn Signal or Park/Turn Signal

- Features zinc diecast housing with black, powder-coated finish.
- Acrylic lenses are interchangeable with competitive models.
- Grounds through mounting stud.
- 335 functions as turn signal only; single lead wire exits through stud.
- 335-2 combination park and turn signal has two lead wires that exit through 1/2" mounting stud.

Order No.	Description	Pack	Std Carton
V335-2	amber/red w/ parking light	Viz Pack	6
335	amber/red turn signal only	poly pack	12
334-15A	amber lens	poly pack	10
334-15R	red lens	poly pack	10
411-07	pigtail for 335	poly pack	25
413-07	pigtail for 335-2	poly pack	25
1156	replacement bulb for 335		
2057	replacement bulb for 335-2		

Note: Less than 75 sq. cm of effective, projected luminous lens area.
For use on vehicles under 80" wide.

4.51" 115 mm
2.48" 63 mm
4.25" 108 mm
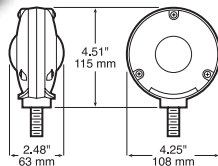
337-2
Double-Faced Turn Signal or Park/Turn Signal

- Features zinc diecast housing with chrome-plated finish.
- Acrylic lenses are interchangeable with competitive models.
- Grounds through mounting stud.
- Park and turn signal leads exit through 1/2" mounting stud.
- See 338-2 LED version on page 43.

Order No.	Description	Pack	Std Carton
337-2	amber/red w/ parking light	poly pack	12
334-15A	amber lens	poly pack	10
334-15R	red lens	poly pack	10
411-07	pigtail for 337	poly pack	25
413-07	pigtail for 337-2	poly pack	25
2057	replacement bulb		
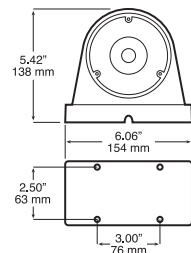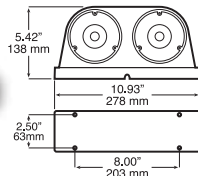
Note: Less than 75 sq. cm of effective, projected luminous lens area.
For use on vehicles under 80" wide.

4.51" 115 mm
2.48" 63 mm
4.25" 108 mm

308/309
Agricultural Stop, Tail, Turn & Warning Lights

- ASAE S279.17 compliant, perfect for all agricultural applications.
- 308 combination lights function as both red stop and tail light and amber turn signal and flashing warning light.
- 309AA functions as turn signal and/or flashing warning light.
- Works with all 12-volt vehicles.
- Can be mounted to vertical or horizontal surfaces.
- Rubber protective gasket seals unit from moisture and dust
- Replaceable bulb and lens.
- 4-pin plug (308) or 3-pin plug (309) for easy installation.
- Replacement lens kits include replacement gasket and screws.
- 309R single red stop/turn/tail light available on page 21.
- See LED versions on pages 17 and 42.

Order No.	Description	Pack	Std Carton
308L	dual housing – roadside	mfg. pack	16
308R	dual housing – curbside	mfg. pack	16
309AA	amber / amber	mfg. pack	24
308-15A	amber replacement lens kit	poly pack	50
308-15R	red replacement lens kit	poly pack	50
308-15BLK	black block-off cover	poly pack	50

5.42" 138 mm
10.93" 278 mm
2.50" 63mm
8.00" 203 mm

5.42" 138 mm
6.06" 154 mm
2.50" 63 mm
3.00" 76 mm

## 325-2 Double-Face
Park and Turn Signal w/ Side Marker

- Amber/amber 2-sided turn signal includes side marker light with reflector.
- Vertical, two stud mount is universal OEM replacement for several truck models.
- Hardwired design has stripped leads.

HARDWIRED

INTEGRAL REFLEX REFLEX

✓LED LED Version Available
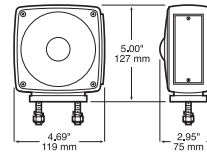
Order No.	Description	Pack	Std Carton
325-2	amber/amber	poly pack	6
325-15A	amber lens	poly pack	10
325-151A	amber side lens	poly pack	10
2357	replacement bulb		

326-2 Double-Face
Park and Turn Signal w/ Side Marker

- Amber/red 2-sided turn signal includes side marker light with reflector.
- Vertical, two stud mount is universal OEM replacement for several truck models.
- Hardwired design has stripped leads.
- Lenses may need to be reversed for proper orientation for left or right side of vehicle.
- See 327 LED version on page 43.

HARDWIRED

✓LED LED Version Available

INTEGRAL REFLEX REFLEX
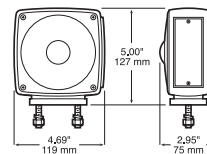
Order No.	Description	Pack	Std Carton
326-2	amber/red	poly pack	6
325-15A	amber lens	poly pack	10
325-15R	red lens	poly pack	10
325-151A	amber side lens	poly pack	10
2357	replacement bulb		

344
Double-Face Turn Signal with Side Marker

- Vertical, two-stud turn signal includes side marker light with reflector.
- Unique weather proof, plug-in harness provides for universal mount, or may be discarded for exact OEM replacement of Navistar 1661280C91.

MADE IN USA
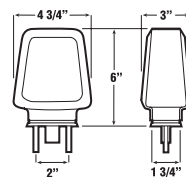
Order No.	Description	Pack	Std Carton
344A	amber	poly pack	12
344-24	mounting pad	mfg. pack	100
344-49	replacement plug	mfg. pack	12
3157	replacement bulb		

LED

129 LED
Clearance/Side Marker Light
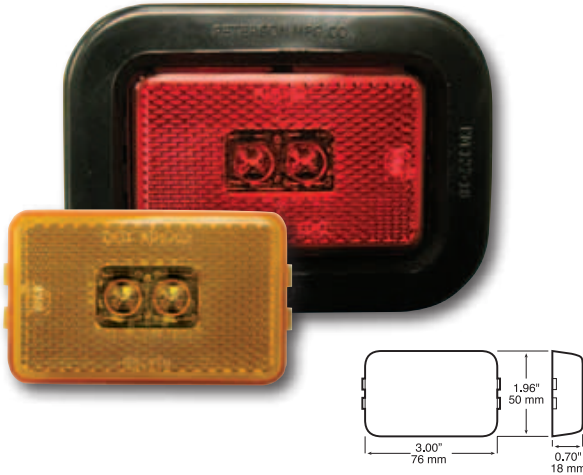
2 diodes

HARD WIRED

INTEGRAL REFLEX REFLEX

- OE replacement light for Knapheide truck bodies.
- Sealed lens and housing.
- Flush mounts to vehicle.
- Requires grommet to complete installation.

1.96" 50 mm
3.00" 76 mm
0.70" 18 mm

Order No.	Description	Pack	Std Carton
M129A	amber	mfg. pack	100
M129R	red	mfg. pack	100
M129R-BT2	red, w/ .180 bullets	mfg. pack	100
B127-18	black grommet	mfg. pack	100

133 LED
Clearance/Side Marker Light
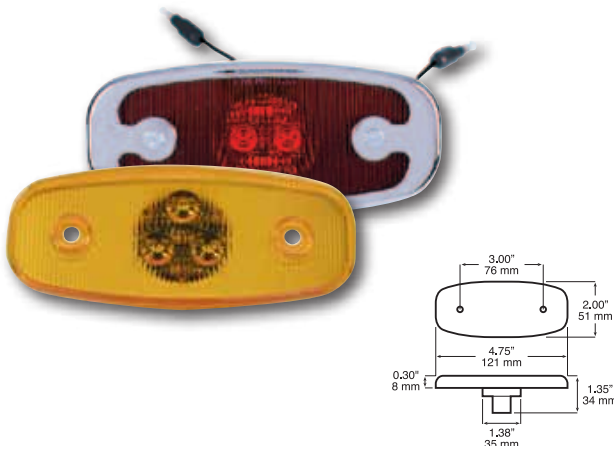
2/3 diodes

VIZ PACK

HARD WIRED

- Mounts on 3" centers.
- Hardwired design features two .180 bullet-terminals.
- Viz-Pack kits include attractive chrome bezel.
- Meets DOT requirements when mounted perpendicular to the road or tilted back to a maximum of 32°

3.00" 76 mm
2.00" 51 mm
4.75" 121 mm
0.30" 8 mm
1.35" 34 mm
1.38" 35 mm

Order No.	Description	Pack	Std Carton
V133XA	amber kit	Viz Pack	6
V133XR	red kit	Viz Pack	6
M133A	amber	mfg. pack	50
M133R	red	mfg. pack	50
B133-10	chrome bezel	mfg. pack	50
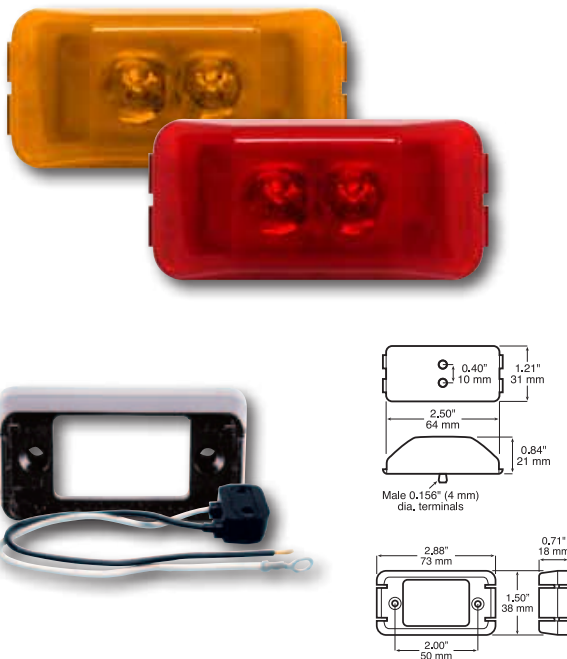
153 LED
Clearance/Side Marker Light

2/3 diodes

VIZ PACK

- Lens is welded to housing to form single rugged unit.
- Kits include 153 LED light, 150-095 mounting bracket and plug.
- See mounting accessories section for additional mounting options.
- Meets DOT requirements in any 360° orientation, tilted back to a maximum of 32°.

0.40" 10 mm
1.21" 31 mm
2.50" 64 mm
0.84" 21 mm
Male 0.156" (4 mm) dia. terminals
2.88" 73 mm
0.71" 18 mm
1.50" 38 mm
2.00" 50 mm

Order No.	Description	Pack	Std Carton
V153KA	amber kit	Viz Pack	6
V153KR	red kit	Viz Pack	6
153A	amber	poly pack	12
153R	red	poly pack	12
M153A	amber	mfg. pack	50
M153R	red	mfg. pack	50
150-095	black bracket	poly pack	12
B150-18	grommet	mfg. pack	100
153-49	plug	poly pack	12
B153-49	plug	mfg. pack	100

160 LED
Thin-Line Clearance/Side Marker Light

- Mounts on industry standard 3" centers.
- 9-16 volt operating range.
- Thin-line design that fits most narrow rail applications.
- DOT legal when mounted horizontally with up to 20° tilt back.
- Amber models meet ECE requirements.
- Viz-Pack kits include 160 LED light and 160-491 plug.
- See electrical accessories section for additional plug options.

2/3 diodes — VIZ PACK — MADE IN USA

Order No.	Description	Pack	Std Carton
V160KA	amber kit	Viz Pack	6
V160KR	red kit	Viz Pack	6
M160A	amber	mfg. pack	50
M160R	red	mfg. pack	50
160-242	gasket	mfg. pack	100
B160-491	plug	mfg. pack	100
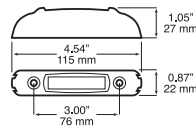
160-242

161 LED
Clearance/Side Marker Light

- LED alternative to traditional 154-series incandescent lights.
- 9-16 volt operating range.
- Kits include light and 154-11K bracket with terminal pad.
- See accessories section for additional plug & mounting options.

4 diodes — VIZ PACK

Order No.	Description	Pack	Std Carton
V161KA	amber kit	Viz Pack	6
V161KR	red kit	Viz Pack	6
161KA	amber kit	poly pack	12
161KR	red kit	poly pack	12
161A	amber	poly pack	12
161R	red	poly pack	12
M161A	amber	mfg. pack	50
M161R	red	mfg. pack	50
154-09K	gray bracket	poly pack	12
154-10K	chrome bracket	poly pack	12
154-11K	black bracket	poly pack	12
B154-11K	black bracket w/terminal pad	mfg. pack	100
B154-11	black bracket for use with plug	mfg. pack	100
B153-49	2-wire molded plug w/6" leads	mfg. pack	100

154-09K
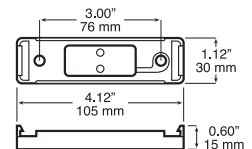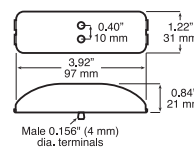
161A-R LED
Combination Clearance Light

- Meets DOT lighting regulations as both amber front clearance light and red rear clearance light when properly mounted.
- Designed to mount on top or side of fender at widest point of trailer.
- Ideal for boat, cargo and horse trailers.
- Works with all 12 volt systems.
- Requires bracket and 2-wire plug, or with B154-11K bracket for grounding through mounting screw.

2 diodes

Order No.	Description	Pack	Std Carton
M161A-R	amber	mfg. pack	50

Refer to installation accessories listed for 161 Series above

LED
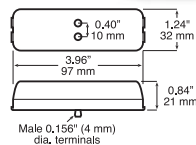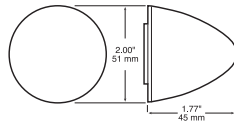
5 diodes

166 LED
2" Beehive Clearance/Side Marker Light

- Features sealed lens and housing.
- Operates from 9–16 volts.
- Requires mounting grommet and 2-wire plug to complete installation.

2.00" / 51 mm
1.77" / 45 mm

Order No.	Description	Pack	Std Carton
166A	amber	poly pack	12
166R	red	poly pack	12
M166A	amber	mfg. pack	50
M166R	red	mfg. pack	50
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100
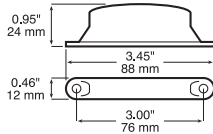
3 diodes

VIZ PACK

PC rated

167 LED
Thinline Clearance & Side Marker Light

- Ideal for narrow rail applications.
- Functions as both clearance and side marker light when mounted on 45° angle.
- Operates from 9-16 volts; available in amber or red.
- Mounts on 3" centers; requires mounting bracket and 2-wire plug.
- Kits include 167 light, mounting bracket and 167-49 plug.

0.95" / 24 mm
3.45" / 88 mm
0.46" / 12 mm
3.00" / 76 mm

167-49   167-491

Order No.	Description	Pack	Std Carton
V167KA	amber kit	Viz Pack	6
V167KR	red kit	Viz Pack	6
M167A	amber	mfg. pack	50
M167R	red	mfg. pack	50
B167-09	bracket	mfg. pack	100
B167-49	right angle plug	mfg. pack	100
B167-491	straight plug	mfg. pack	100
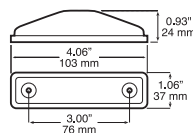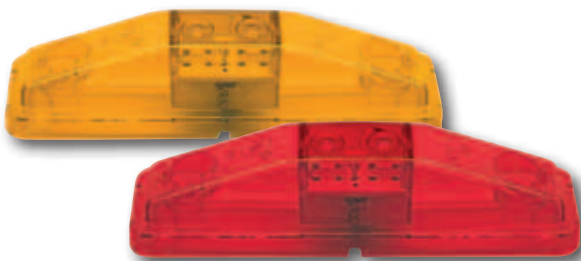
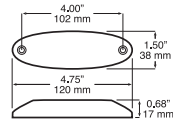### 2 diodes

VIZ PACK

HARD WIRED

169 LED
Clearance/Side Marker Light

- Operates from 9-16 volts.
- Features 2-wire, hardwired design.
- Ground wire includes #10 ring terminal.
- Mounts on 3" centers.
- B169-18 mounting gasket included in Viz Pack kits, or available separately.
- One-piece housing sealed with epoxy eliminates weld joints.
- Low cost LED alternative to traditional incandescent 154-series lights.

0.93" / 24 mm
4.06" / 103 mm
1.06" / 37 mm
3.00" / 76 mm

Order No.	Description	Pack	Std Carton
V169KA	amber kit	Viz Pack	3
V169KR	red kit	Viz Pack	3
169A	amber	poly pack	12
169R	red	poly pack	12
M169A	amber, stripped lead/ring term	mfg. pack	100
M169R	red, stripped lead/ring term	mfg. pack	100
B169-18	gasket	mfg. pack	100

168 LED
Mini Clearance/Side Marker Light

- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Hardwired with separate lead and ground wires.
- XA/XR versions include B168-10 chrome bezel, also available separately.
- Mounts on 1-15/16" centers; optional B168-09 bracket allows for mounting on either 1-15/16" or 1-1/8" centers.

2 diodes

VIZ PACK

HARD WIRED

MV Multi-Volt 12V & 24V

CLEAR LENS COLORED LIGHT

Order No.	Description	Pack	Std Carton
V168A	amber	Viz Pack	3
V168R	red	Viz Pack	3
V168XA	amber kit w/ chrome bezel	Viz Pack	6
V168XR	red kit w/ chrome bezel	Viz Pack	6
168A	amber	poly pack	12
168R	red	poly pack	12
168XA-MV	amber mv kit w/ chrome bezel	poly pack	12
168XR-MV	red mv kit w/ chrome bezel	poly pack	12
M168A	amber	mfg. pack	50
M168R	red	mfg. pack	50
M168CA-BT2	amber clear lens w/ .180 bullets	mfg. pack	50
M168CR-BT2	red clear lens w/ .180 bullets	mfg. pack	50
M168A-MV	amber multivolt	mfg. pack	50
M168R-MV	red multivolt	mfg. pack	50
4484A-1	amber w/ two .180 bullets	mfg. pack	50
4484R-1	red w/ two .180 bullets	mfg. pack	50
B168-09	black bracket	mfg. pack	100
B168-092	aluminum brush guard bracket	mfg. pack	100
B168-10	chrome bezel	mfg. pack	100
B168-18	mounting gasket	mfg. pack	100
B168-181	thinline gasket – use with 168-092	mfg. pack	100

1.92" 49 mm
0.75" 19 mm
2.60" 66 mm
0.63" 16 mm

1.92" 49 mm
1.35" 34 mm
3.95" 100 mm
0.75" 19 mm
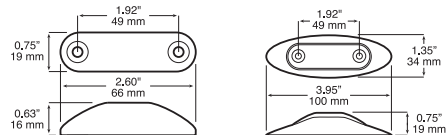
170 LED
Clearance/Side Marker Light w/ Reflex

- Operates from 9-16 volts.
- Features 2-wire, hardwired design.
- Ground wire includes #10 ring terminal.
- LED alternative to traditional incandescent 114-series lights.
- Two mounting options: use center stud or two mounting screws.
- Center stud provided; screws not included.

2 diodes

VIZ PACK

HARD WIRED

INTEGRAL REFLEX

Order No.	Description	Pack	Std Carton
V170A	amber kit	Viz Pack	3
V170R	red kit	Viz Pack	3
M170A	amber	mfg. pack	100
M170R	red	mfg. pack	100

3.13" 79 mm
0.93" 24 mm
2.00" 51 mm

LED
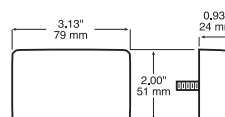
4 diodes

VIZ PACK

HARD WIRED

MV Multi-Volt 12V & 24V

CLEAR LENS COLORED LIGHT

178 LED
Clearance/Side Marker Light

- Meets DOT requirements for clearance/side marker lights up to 20 degree tilt-back.
- 9-16 volt operating range, 9-32 volts for "-MV" and "-MVC" units.
- Hardwired design available with stripped leads, or with two .180 bullets (-BT2).
- Optional chrome bezel available. See page 176 for dimensions.
- Available with red or amber diodes behind stylish clear lens.
- New hardwired design eliminates the need for plug.
- Mounts on 4" centers.
- Eye-catching Class 8 look makes it a great retrofit choice.
- Kits include light and decorative chrome bezel.

V178XA/R

4.00" 102 mm
1.50" 38 mm
4.75" 120 mm
0.68" 17 mm

Order No.	Description	Pack	Std Carton
V178A	amber kit	Viz Pack	6
V178R	red kit	Viz Pack	6
V178XA	amber kit w/ chrome bezel	Viz Pack	6
V178XR	red kit w/ chrome bezel	Viz Pack	6
178XA-MV	amber mv kit w/ chrome bezel	poly pack	12
178XR-MV	red mv kit w/ chrome bezel	poly pack	12
4354A	amber w/ two .180 bullet term.	mfg. pack	50
4354R	red w/ two .180 bullet terminals	mfg. pack	50
M178A	amber	mfg. pack	50
M178R	red	mfg. pack	50
M178A-MV	amber, multi-volt	mfg. pack	50
M178R-MV	red, multi-volt	mfg. pack	50
M178CA-BT2	amber 12V w/clear lens	mfg. pack	50
M178CR-BT2	red 12V w/clear lens	mfg. pack	50
M178A-MVC	amber multi-volt w/clear lens	mfg. pack	50
B178-10	chrome bezel	mfg. pack	100

6 diodes

VIZ PACK

HARD WIRED

INTEGRAL REFLEX REFLEX

24 24 Volt Version

180 LED
Clearance/Side Marker Light

- 6-diode oval design.
- Built-in reflector optics eliminate the need for separate reflector.
- Meets DOT lighting requirements.
- Hardwired leads eliminate plug-to-lamp corrosion.
- Mounts with screws on 3" centers.
- Includes both lead and ground wire for mounting to all surfaces.
- Available in amber or red.
- Available in 12 volt and 24 volt versions.

3.00" 76 mm
2.00" 105 mm
4.13" 105 mm
1.03" 26 mm
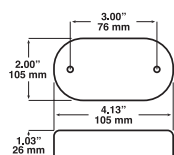
Order No.	Description	Pack	Std Carton
V180A	amber	Viz Pack	3
V180R	red	Viz Pack	3
M180A-24V	amber, 24 volt	mfg. pack	50
M180R-24V	red, 24 volt	mfg. pack	50
V2549-15A	replacement lens, amber	Viz Pack	10
V2549-15R	replacement lens, red	Viz Pack	10

187 LED
PC-Rated Clearance & Side Marker Light

- PC-rated, 6 diode LED combination light that functions as both clearance and side marker light when mounted at a 45° angle.
- Hardwired design eliminates the need for plug.
- Lens and housing linear welded for durable seal.
- Skirted weld joint provides added protection against moisture.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.

6 diodes

MADE IN USA

HARD WIRED

MV Multi-Volt 12V & 24V

PC rated

INTEGRAL REFLEX REFLEX

6.00" 152 mm
1.54" 39 mm
2.04" 52 mm
4.80" 122 mm

Order No.	Description	Pack	Std Carton
187A	amber	poly pack	10
187R	red	poly pack	10
M187A	amber	mfg. pack	50
M187R	red	mfg. pack	50
M187A-MV	amber, multi-volt	mfg. pack	50
M187R-MV	red, multi-volt	mfg. pack	50
M187A-BT2	amber w/ two .180 bullet term.	mfg. pack	50
M187R-BT2	red w/ two .180 bullet terminals	mfg. pack	50
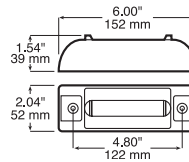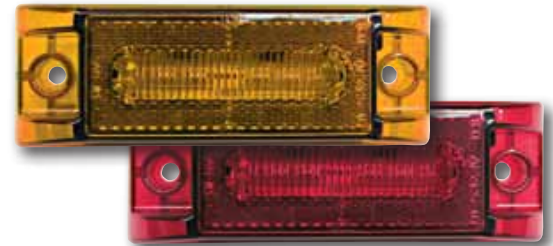
188 LED
Clearance/Side Marker Light

- Sealed, 4-diode LED that offers clearance, side marker or identification light versatility.
- Hardwired design eliminates the need for plug.
- Lens and housing linear welded for durable seal.
- Skirted weld joint provides added protection against moisture.
- Operates from 9-16 volts.

4 diodes

MADE IN USA

HARD WIRED

INTEGRAL REFLEX REFLEX

6.00" 152 mm
1.41" 36 mm
2.04" 52 mm
4.80" 122 mm

Order No.	Description	Pack	Std Carton
188A	amber	poly pack	10
188R	red	poly pack	10
M188A	amber	mfg. pack	50
M188R	red	mfg. pack	50
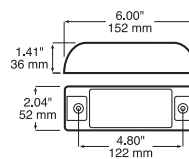
353 LED
Clearance/Side Marker Light

- PC-rated, 10-diode LED combination light that provides both clearance and side marker functions when mounted at a 45° angle.
- Third wire provides auxiliary turn function for enhanced safety.
- Can also be used as a mid marker light.
- Hardwired design eliminates the need for plug.
- Lens and housing linear welded for durable seal.
- Skirted weld joint provides added protection against moisture.
- 9-16 volt operating range.

6 diodes

MADE IN USA

HARD WIRED

PC rated

INTEGRAL REFLEX REFLEX

6.00" 152 mm
1.54" 39 mm
2.04" 52 mm
4.80" 122 mm

Order No.	Description	Pack	Std Carton
M353A	amber	mfg. pack	50
M353R	red	mfg. pack	50

LED
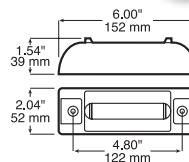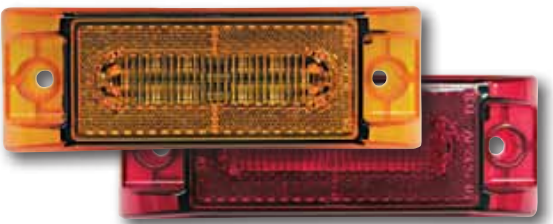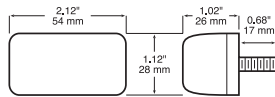
191 LED
Clearance/Side Marker Light

2 diodes

HARD WIRED

- Equipped with 2 diodes behind colored transparent lens.
- Lens is welded to housing to form single unit.
- Equipped with single hardwired lead wire.
- Mounting stud serves as ground when mounted to metallic surface.

2.12" 54 mm · 1.02" 26 mm · 0.68" 17 mm · 1.12" 28 mm

Order No.	Description	Pack	Std Carton
M191A	amber	mfg. pack	50
M191R	red	mfg. pack	50
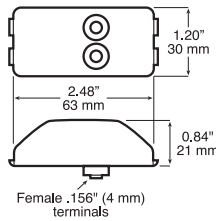
203 LED
PC-Rated Clearance & Side Marker Light

2 diodes

PC rated

- Polycarbonate lens and base are welded together to form a single rugged unit.
- LED version of our popular 150 series light.
- See mounting accessories section for additional mounting options.

1.20" 30 mm · 2.48" 63 mm · 0.84" 21 mm
Female .156" (4 mm) terminals

Order No.	Description	Pack	Std Carton
M203A	amber	mfg. pack	50
M203R	red	mfg. pack	50
150-09	black bracket	poly pack	12
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100
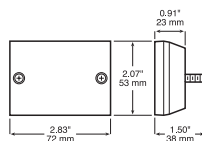
214 LED
Clearance/Side Marker Light

6 diodes

VIZ PACK

HARD WIRED

INTEGRAL REFLEX

- Amber clearance light with integral reflex.
- 24" hot lead wire and 2" ground wire with 1/4" ring terminal.
- Convenient single-stud mounting.
- Functions as side marker or clearance light with built-in reflective optics.
- Acrylic lens and polypropylene base.
- LED version of our popular 114 series light.

0.91" 23 mm · 2.07" 53 mm · 2.83" 72 mm · 1.50" 38 mm

Order No.	Description	Pack	Std Carton
V214A	amber	Viz Pack	3
M214A	amber	mfg. pack	50
M214A-BT1	amber w/ .180 bullet	mfg. pack	50

253 LED
Clearance/Side Marker Light w/ Aux Function

3 diodes

HARD WIRED

- Rectangular LED clearance, side marker and ID light.
- Features a third wire for auxiliary brake or turn functions.
- DOT legal when mounted horizontally with up to a 32° tilt back.
- Hardwired design has stripped leads with ring terminal on ground.
- 9-16 voltage operating range.
- See mounting accessories on page 169–170 for additional mounting options.
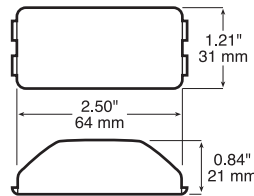
Order No.	Description	Pack	Std Carton
M253A	amber	mfg. pack	50
M253R	red	mfg. pack	50
150-095	surface-mount bracket	poly pack	12
B150-095	surface-mount bracket	mfg. pack	100

1.21" 31 mm
2.50" 64 mm
0.84" 21 mm

215 Single Diode LED
Clearance/Side Marker Light w/ Reflex

1 diode

VIZ PACK

MADE IN USA

INTEGRAL REFLEX REFLEX

- Low profile design.
- Single-diode, surface-mount LED clearance/side marker light with integral reflex, eliminating the need for separate reflector.
- New patented conductive plastic design, U.S. Patent No. 8,057,067
- Single lead wire for electrical connection.
- Grounds through the mounting screw.
- 9-16 volt operating range.
- 3-year warranty.
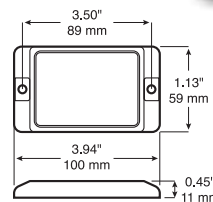
Order No.	Description	Pack	Std Carton
V215A	amber	Viz Pack	6
V215R	red	Viz Pack	6
M215A	amber	mfg. pack	100
M215R	red	mfg. pack	100
215-15A	amber replacement lens	mfg. pack	10
215-15R	red replacement lens	mfg. pack	10

NEW!

NEW PATENTED DESIGN

3.50" 89 mm
1.13" 59 mm
3.94" 100 mm
0.45" 11 mm

388 LED
Clearance/Side Marker Light

16 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

CLEAR LENS COLORED LIGHT

- Includes black bracket for surface mounting.
- Can be recess-mounted without bracket.
- Wires exit in center of light.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Optional chrome bracket available separately.
- See page 111 for matching white and blue utility lights.
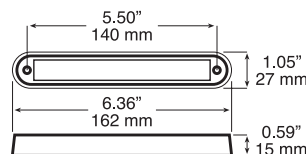
Order No.	Description	Pack	Std Carton
M388A	amber	mfg. pack	10
M388R	red	mfg. pack	10
B388-09X	chrome bracket	mfg, pack	50

5.50" 140 mm
1.05" 27 mm
6.36" 162 mm
0.59" 15 mm

Optional B388-09X chrome bracket
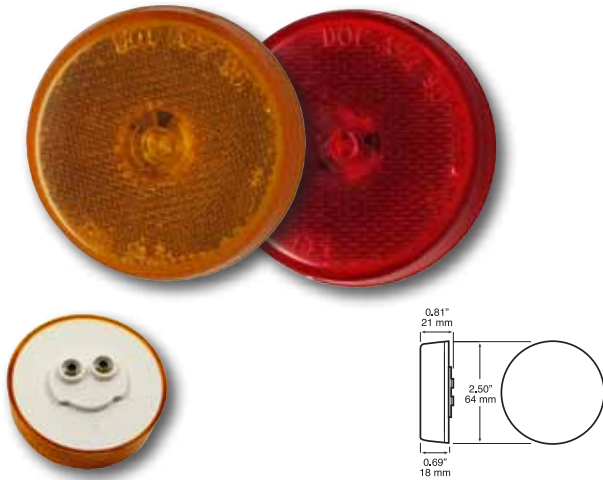
4 diodes

MADE IN USA

INTEGRAL REFLEX REFLEX

173 LED
2½" Clearance/Side Marker Light w/ Reflex

- Round, 2-1/2" diameter.
- Accepts industry standard 2-wire plug.
- DOT-legal integral reflex function.
- 142-18 grommet & 142-49 plug required for installation.

Order No.	Description	Pack	Std Carton
173A	amber kit	poly pack	12
173R	red kit	poly pack	12
M173A	amber	mfg. pack	50
M173R	red	mfg. pack	50
B142-18	grommet	mfg. pack	100
B142-49	right angle plug	mfg. pack	100
B162-49	plug	mfg. pack	100

0.81"
21 mm

2.50"
64 mm

0.69"
18 mm

1 diode

MADE IN USA

INTEGRAL REFLEX REFLEX

175 LED
2½" 1-Diode Clearance/Side Marker w/ Reflex

- Round, 2-1/2" diameter in grommet or flange mount versions.
- Single diode design.
- Accepts industry standard 2-wire plug.
- DOT-legal integral reflex function.
- 142-18 grommet & 162-49 plug required for installation.

Order No.	Description	Pack	Std Carton
175A	amber	poly pack	12
175R	red	poly pack	12
M175A	amber	mfg. pack	50
M175R	red	mfg. pack	50
M175FA	amber, flange mount	mfg. pack	50
M175FR	red, flange mount	mfg. pack	50
B142-18	grommet	mfg. pack	100
B142-49	right angle plug	mfg. pack	100
B162-49	plug	mfg. pack	100

0.94"
24 mm

2.50"
64 mm

0.73"
19 mm

5 diodes

MADE IN USA

PC rated

233 LED 2½" PC-Rated
Clearance/Side Marker Light w/ Aux Function

- Functions as clearance & side marker light mounted at 45° angle.
- Does not require top-mount positioning to meet DOT requirements.
- Features a third wire for auxiliary brake function.
- Integrated receptacle accepts AMP-style sealed connector.
- 9-16 volt operating range.
- 143-18 grommet and compatible plug required for installation.

Order No.	Description	Pack	Std Carton
M233R	red, grommet mount	mfg. pack	50
M233FR	red, flange mount	mfg. pack	50
M233SR	red, surface mount	mfg. pack	50
M233CA	amber w/clear lens, grommet	mfg. pack	50
143-18	grommet	poly pack	24
B143-18	grommet	mfg. pack	100
417-49	plug	poly pack	6
B417-49	plug	mfg. pack	100

1.54"
39 mm

2.50"
64 mm

0.81"
21 mm

189 Single Diode LED
2½" 1-Diode Clearance/Side Marker w/ Reflex

1 diode

MADE IN USA

INTEGRAL REFLEX REFLEX

NEW!

- 2-1/2" diameter LED light with traditional incandescent lens look.
- Popular for chassis applications.
- Accepts industry standard PL10 2-wire plug or AMP plug ("-AMP")
- DOT-legal integral reflex function.
- Fits metric size mounting holes.
- 9-16 voltage operating range.
- Protective gasket included.

M189FA-AMP

Bolt Hole Radius 3.04" 77 mm
1.33" 34 mm
3.39" 86 mm
2.46" 63 mm
0.43" 11 mm
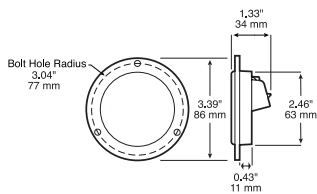
Order No.	Description	Pack	Std Carton
M189FA	amber, PL10 connector	mfg. pack	50
M189FR	red, PL10 connector	mfg. pack	50
M189FA-AMP	amber, AMP-style connector	mfg. pack	50
M189FR-AMP	red, AMP-style connector	mfg. pack	50
189 24	replacement gasket	mfg. pack	1
B162-093	stainless plug retention clip	mfg. pack	100
162-49	PL10 plug	poly pack	12
B162-49	PL10 plug	mfg. pack	100
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B193-492	molded AMP-style plug, .180 bullets	mfg. pack	50

Bolt Hole Radius 3.04" 77 mm
0.90" 23 mm
3.39" 86 mm
2.46" 63 mm
0.43" 11 mm
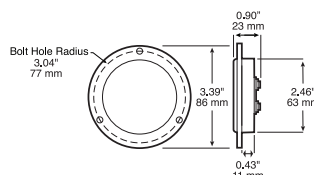
B162-093 retention clip available on page 172

190 Single Diode LED
2" 1-Diode Clearance/Side Marker w/ Reflex

1 diode

MADE IN USA

INTEGRAL REFLEX REFLEX

NEW!

- 2" diameter LED light with traditional incandescent lens look.
- Popular for chassis applications.
- Accepts industry standard PL10 2-wire plug or AMP plug ("-AMP")
- DOT-legal integral reflex function.
- Fits metric size mounting holes.
- 9-16 voltage operating range.
- Protective gasket included.

M190FA-AMP

Bolt Hole Radius 2.56" 65 mm
1.33" 34 mm
3.00" 76 mm
2.00" 51 mm
0.43" 11 mm
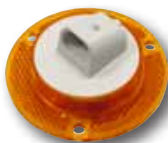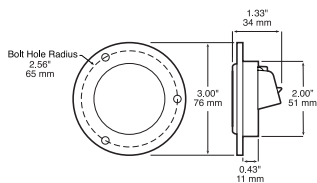
Order No.	Description	Pack	Std Carton
M190FA	amber	mfg. pack	50
M190FR	red	mfg. pack	50
M190FA-AMP	amber, AMP-style connector	mfg. pack	50
M190FR-AMP	red, AMP-style connector	mfg. pack	50
140 24	replacement gasket	mfg. pack	1
B162-093	stainless plug retention clip	mfg. pack	100
162-49	PL10 plug	poly pack	12
B162-49	PL10 plug	mfg. pack	100
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B193-492	molded AMP-style plug, .180 bullets	mfg. pack	50

Bolt Hole Radius 2.56" 65 mm
0.90" 23 mm
3.00" 76 mm
2.00" 51 mm
0.43" 11 mm

B162-093 retention clip available on page 172

LED
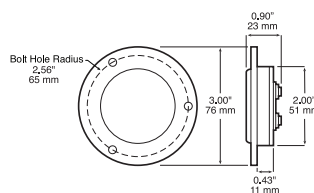
Integrated receptacle
accepts AMP-style
sealed connector
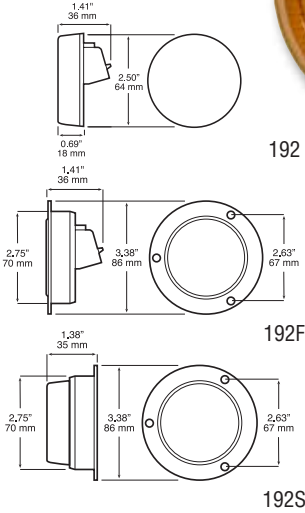
192

192F

192S

3 diodes

MADE IN USA

192 LED
2½" Clearance/Side Marker Light

- 2-1/2" diameter.
- Integrated receptacle accepts AMP-style sealed connector.
- 9-16 volt operating range.
- Requires plug for installation.
- Non-flanged units require 142-18 grommet required for installation.
- See mounting accessories section for additional mounting options.

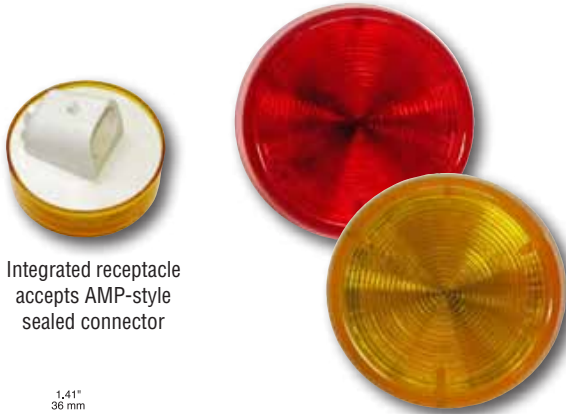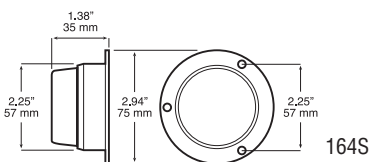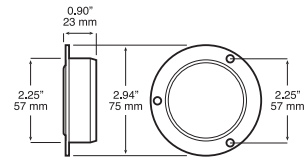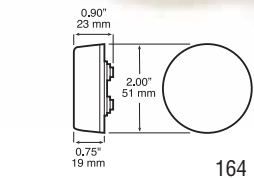| Order No.	Description	Pack	Std Carton
192A	amber	poly pack	12
192R	red	poly pack	12
192FA	amber, flange mount	poly pack	12
192FR	red, flange mount	poly pack	12
M192A	amber	mfg. pack	50
M192R	red	mfg. pack	50
M192FA	amber, flange mount	mfg. pack	50
M192FR	red, flange mount	mfg. pack	50
M192SA	amber, surface mount	mfg. pack	50
M192SR	red, surface mount	mfg. pack	50
142-18	grommet	poly pack	24
B142-18	grommet	mfg. pack	100
192-492	plug w/ .180 bullets	poly pack	6
B192-492	plug w/ .180 bullets	mfg. pack	50
B193-492	molded AMP-style plug, .180 bullets	mfg. pack	50
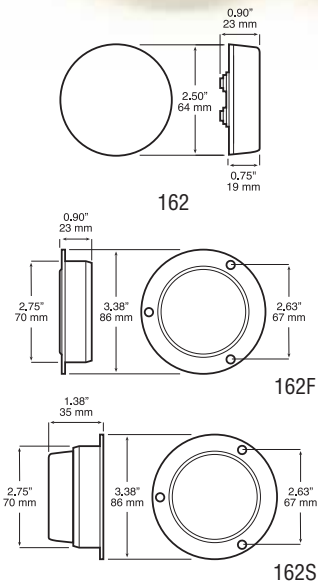
162

162F

162S

3 diodes

MADE IN USA

VIZ PACK

162 LED
2½" Clearance/Side Marker Light

- Accepts industry standard 2-prong plug.
- 9-16 volt operating range.
- Available in grommet, flange and surface-mount versions.
- Visual pack kits include LED light, 142-18 grommet and 162-49 plug.
- See mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
V162KA	amber kit	Viz Pack	6
V162KR	red kit	Viz Pack	6
162A	amber	poly pack	12
162R	red	poly pack	12
M162A	amber	mfg. pack	50
M162R	red	mfg. pack	50
M162FA	amber, flange mount	mfg. pack	50
M162FR	red, flange mount	mfg. pack	50
M162SA	amber, surface mount	mfg. pack	50
M162SR	red, surface mount	mfg. pack	50
142-18	grommet	poly pack	24
B142-18	grommet	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100

193 LED
2½" PC-Rated Clearance & Side Marker Light

5 diodes

MADE IN USA

PC rated

- Functions as clearance & side marker light when mounted at 45° angle.
- Integrated receptacle accepts AMP-style sealed connector.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- 143-18 grommet and compatible plug required for installation.
- See mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
193A	amber	poly pack	12
193R	red	poly pack	12
193FA	amber, flange mount	poly pack	12
193FR	red, flange mount	poly pack	12
M193A	amber	mfg. pack	50
M193R	red	mfg. pack	50
M193FA	amber, flange mount	mfg. pack	50
M193FR	red, flange mount	mfg. pack	50
M193FCA	amber w/ clear lens, flange	mfg. pack	50
M193FCR	red w/ clear lens, flange	mfg. pack	50
M193SA	amber, surface mount	mfg. pack	50
M193SR	red, surface mount	mfg. pack	50
M193SCR	red w/ clear lens, surface mnt.	mfg. pack	50
143-18	grommet	poly pack	24
B143-18	grommet	mfg. pack	100
192-492	AMP plug w/ .180 bullets	poly pack	6
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B193-492	molded AMP-style plug, .180 bullets	mfg. pack	50

Integrated receptacle accepts AMP-style sealed connector
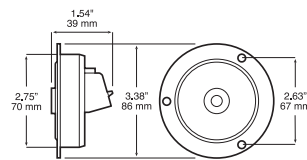
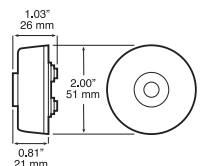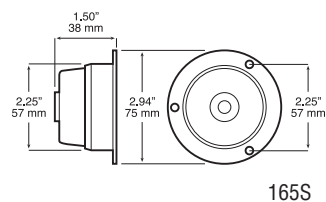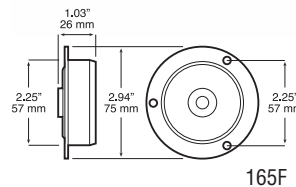Design does not require top mounting.

193S
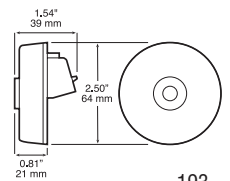
193S

193

163 LED
2½" PC-Rated Clearance & Side Marker Light

5 diodes

MADE IN USA

MV Multi-Volt 12V & 24V

PC rated

- Functions as both clearance and side marker light when mounted at a 45° angle. Use 143-18 grommet for PC-rated installation.
- Accepts industry standard 2-prong plug.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Kits include LED light, 143-18 grommet and 162-49 plug.

Order No.	Description	Pack	Std Carton
163A	amber	poly pack	12
163R	red	poly pack	12
163KA-MV	amber kit, multi-volt	poly pack	12
163KR-MV	red kit, multi-volt	poly pack	12
M163A	amber	mfg. pack	50
M163R	red	mfg. pack	50
M163A-MV	amber multi-volt	mfg. pack	50
M163R-MV	red, multi-volt	mfg. pack	50
M163FA	amber, flange mount	mfg. pack	50
M163FR	red, flange mount	mfg. pack	50
M163FA-MV	amber, flange mount, multi-volt	mfg. pack	50
M163FR-MV	red, flange mount, multi-volt	mfg. pack	50
M163SA	amber, surface mount	mfg. pack	50
M163SR	red, surface mount	mfg. pack	50
143-18	grommet	poly pack	24
B143-18	grommet	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100

Design does not require top mounting.
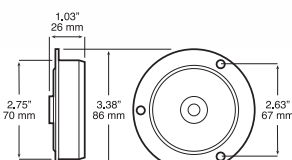
163F

163S

163

LED

Integrated receptacle accepts AMP-style sealed connector

1.41"
36 mm

2.00"
51 mm

0.69"
18 mm

194

1.41"
36 mm

2.25"
57 mm

2.94"
75 mm

2.25"
57 mm

194F
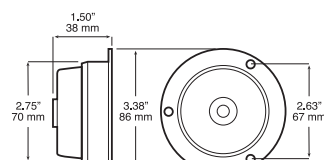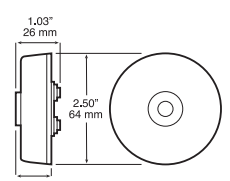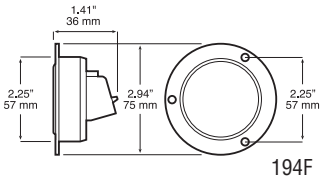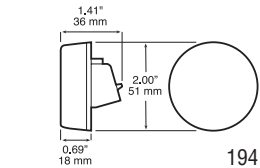
3 diodes

MADE IN USA

194 LED
2" Clearance/Side Marker Light

- 2" diameter.
- Integrated receptacle accepts AMP-style sealed connector.
- 9-16 volt operating range.
- Non-flanged units require 146-18 grommet for installation.
- See mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
194A	amber	poly pack	12
194R	red	poly pack	12
194FA	amber, flange mount	poly pack	12
194FR	red, flange mount	poly pack	12
M194A	amber	mfg. pack	50
M194R	red	mfg. pack	50
M194FA	amber, flange mount	mfg. pack	50
M194FR	red, flange mount	mfg. pack	50
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
192-492	AMP plug w/ .180 bullets	poly pack	6
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B193-492	molded AMP-style plug, .180 bullets	mfg. pack	50

0.90"
23 mm

2.00"
51 mm

0.75"
19 mm

164

0.90"
23 mm

2.25"
57 mm

2.94"
75 mm

2.25"
57 mm

164F

1.38"
35 mm

2.25"
57 mm

2.94"
75 mm

2.25"
57 mm

164S

3 diodes

VIZ PACK

MADE IN USA

164 LED
2" Clearance/Side Marker Light

- Accepts industry standard 2-prong plug.
- 9-16 volt operating range.
- Available in grommet, flange and surface-mount versions.
- Visual pack kits include LED light, 146-18 grommet and 162-49 plug.
- See mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
V164KA	amber kit	Viz Pack	6
V164KR	red kit	Viz Pack	6
164A	amber	poly pack	12
164R	red	poly pack	12
M164A	amber	mfg. pack	50
M164R	red	mfg. pack	50
M164FA	amber, flange mount	mfg. pack	50
M164FR	red, flange mount	mfg. pack	50
M164SA	amber, surface mount	mfg. pack	50
M164SR	red, surface mount	mfg. pack	50
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100

LED

195 LED
2" PC-Rated Clearance & Side Marker Light

5 diodes

- Functions as clearance & side marker light when mounted at 45° angle.
- Integrated receptacle accepts AMP-style sealed connector.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Non-flanged units require 146-18 grommet for installation.
- See mounting accessories section for additional mounting options.

MADE IN USA

MV Multi-Volt 12V & 24V

PC rated

Order No.	Description	Pack	Std Carton
195A	amber	poly pack	12
195R	red	poly pack	12
195FA	amber, flange mount	poly pack	12
195FR	red, flange mount	poly pack	12
M195A	amber	mfg. pack	50
M195R	red	mfg. pack	50
M195A-MV	amber	mfg. pack	50
M195R-MV	red	mfg. pack	50
M195FA	amber, flange mount	mfg. pack	50
M195FR	red, flange mount	mfg. pack	50
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
192-492	AMP plug w/ .180 bullets	poly pack	6
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B193-492	molded AMP-style plug, .180 bullets	mfg. pack	50

Integrated receptacle accepts AMP-style sealed connector

Design does not require top mounting.

1.54" / 39 mm

2.00" / 51 mm

0.81" / 21 mm

195

1.54" / 39 mm

2.25" / 57 mm

2.94" / 75 mm

2.25" / 57 mm

195F
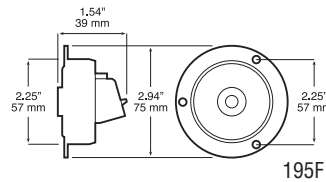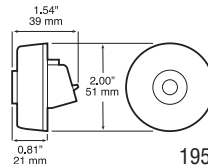
165 LED
2" PC-Rated Clearance & Side Marker Light

5 diodes

- Functions as both clearance and side marker light when mounted at a 45° angle. Use 146-18 grommet for PC-rated installation.
- Accepts industry standard 2-prong plug.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Available in grommet, flange and surface-mount versions.
- Kits include LED light, 146-18 grommet and 162-49 plug.

MADE IN USA

MV Multi-Volt 12V & 24V

PC rated

Design does not require top mounting.

Order No.	Description	Pack	Std Carton
165A	amber	poly pack	12
165R	red	poly pack	12
165KA-MV	amber kit, multi-volt	poly pack	12
165KR-MV	red kit, multi-volt	poly pack	12
M165A	amber	mfg. pack	50
M165R	red	mfg. pack	50
M165A-MV	amber multi-volt	mfg. pack	50
M165R-MV	red, multi-volt	mfg. pack	50
M165FA	amber, flange mount	mfg. pack	50
M165FR	red, flange mount	mfg. pack	50
M165FA-MV	amber, flange mount, multi-volt	mfg. pack	50
M165FR-MV	red, flange mount, multi-volt	mfg. pack	50
M165SA	amber, surface mount	mfg. pack	50
M165SR	red, surface mount	mfg. pack	50
M165SA-MV	amber, surface mount, multi-volt	mfg. pack	50
M165SR-MV	red, surface mount, multi-volt	mfg. pack	50
B146-18	grommet	mfg. pack	100
B162-49	plug	mfg. pack	100

1.03" / 26 mm

2.25" / 57 mm

2.94" / 75 mm

2.25" / 57 mm

165F

1.50" / 38 mm

2.25" / 57 mm

2.94" / 75 mm

2.25" / 57 mm

165S

1.03" / 26 mm

2.00" / 51 mm

0.81" / 21 mm

165

LED

NEW!
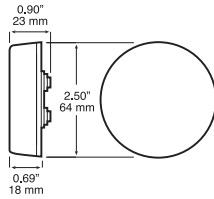
196 Single Diode LED
2½" Clearance / Side Marker Light

- Single diode LED light with traditional incandescent lens look.
- Round, 2½" diameter.
- Single-diode design with white diode behind colored lens.
- Accepts industry standard 2-wire plug.
- 9-16 volt operating range.
- Visual pack kits include 142-18 grommet & 162-49 plug.
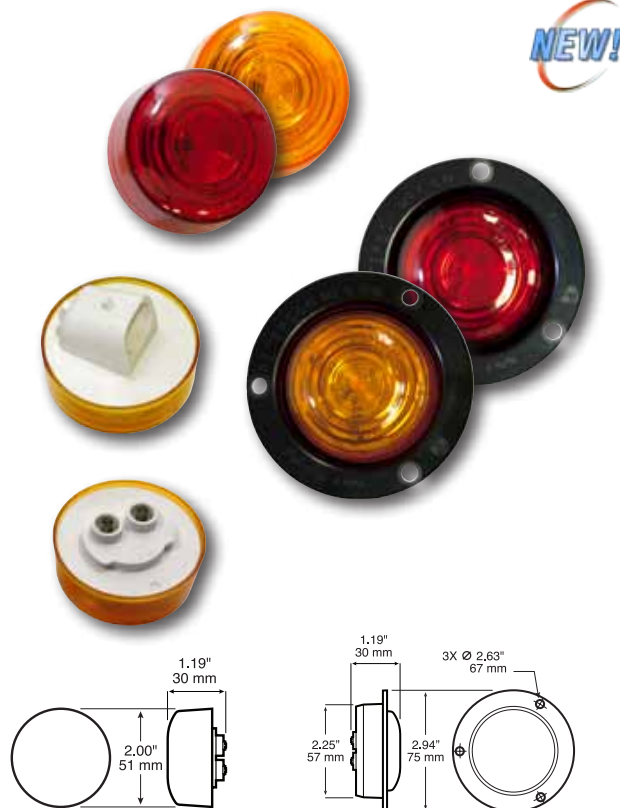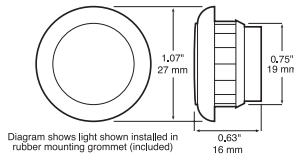
ABS

196ABS

0.90" 23 mm
2.50" 64 mm
0.69" 18 mm

Order No.	Description	Pack	Std Carton
V196KA	amber	Viz Pack	6
V196KR	red	Viz Pack	6
196A	amber	poly pack	12
196R	red	poly pack	12
M196A	amber	mfg. pack	50
M196R	red	mfg. pack	50
M196ABS	amber w/ ABS decal	mfg. pack	50
142-18	grommet	poly pack	24
B142-18	grommet	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100

NEW!
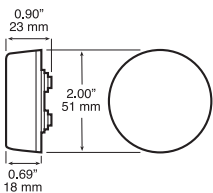
198 Single Diode LED
2" Clearance / Side Marker Light

- Single diode LED light with traditional incandescent lens look.
- Round, 2" diameter.
- Single-diode design with white diode behind colored lens.
- Accepts industry standard 2-wire plug.
- 9-16 volt operating range.
- Visual pack kits include LED light, 146-18 grommet and 162-49 plug.

0.90" 23 mm
2.00" 51 mm
0.69" 18 mm

ABS

198ABS

Order No.	Description	Pack	Std Carton
V198KA	amber	Viz Pack	6
V198KR	red	Viz Pack	6
198A	amber	poly pack	12
198R	red	poly pack	12
M198A	amber	mfg. pack	50
M198R	red	mfg. pack	50
M198ABS	amber w/ ABS decal	mfg. pack	50
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100

197 Single Diode *LumenX®* LED
2½" PC-Rated Clearance & Side Marker Light

- Single diode LED light with traditional incandescent lens look.
- Functions as both clearance and side marker light when mounted at a 45° angle.
- Round, 2½" diameter.
- Single-diode design with white diode behind colored lens.
- Accepts either industry standard PL10 2-wire plug or AMP-style plug.
- 9-16 volt operating range.

1 diode

Order No.	Description	Pack	Std Carton
M197A	amber, grommet	mfg. pack	50
M197A-AMP	amber, grommet, AMP receptacle	mfg. pack	50
M197FA	amber, flange	mfg. pack	50
M197FA-AMP	amber, flange, AMP receptacle	mfg. pack	50
M197R	red, grommet	mfg. pack	50
M197R-AMP	red, grommet, AMP receptacle	mfg. pack	50
M197FR	red, flange	mfg. pack	50
M197FR-AMP	red, flange, AMP receptacle	mfg. pack	50
143-18	grommet	poly pack	24
B143-18	grommet	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100
192-492	AMP plug w/ .180 bullets	poly pack	6
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B193-492	molded AMP-style plug, .180 bullets	mfg. pack	50

1.19" 30 mm   2.50" 64 mm

1.19" 30 mm   3X Ø 3.04" 77 mm   2.75" 70 mm   3.37" 86 mm

199 Single Diode *LumenX®* LED
2" PC-Rated Clearance & Side Marker Light

- Single diode LED light with traditional incandescent lens look.
- Round, 2" diameter.
- Single-diode design with white diode behind colored lens.
- Accepts either industry standard PL10 2-wire plug or AMP-style plug.
- 9-16 volt operating range.

1 diode

Order No.	Description	Pack	Std Carton
M199A	amber, grommet	mfg. pack	50
M199A-AMP	amber, grommet, AMP receptacle	mfg. pack	50
M199FA	amber, flange	mfg. pack	50
M199FA-AMP	amber, flange, AMP receptacle	mfg. pack	50
M199R	red, grommet	mfg. pack	50
M199R-AMP	red, grommet, AMP receptacle	mfg. pack	50
M199FR	red, flange	mfg. pack	50
M199FR-AMP	red, flange, AMP receptacle	mfg. pack	50
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100
192-492	AMP plug w/ .180 bullets	poly pack	6
B192-492	AMP plug w/ .180 bullets	mfg. pack	50
B193-492	molded AMP-style plug, .180 bullets	mfg. pack	50

1.19" 30 mm   2.00" 51 mm

1.19" 30 mm   3X Ø 2.63" 67 mm   2.25" 57 mm   2.94" 75 mm

LED CLEARANCE & SIDE MARKER

LED

NEW!

1 diode

VIZ PACK

MADE IN USA

HARD WIRED

171/271 LED
3/4" Clearance/Side Marker Light

- Compact single diode design fits 3/4" hole.
- Meets DOT requirements for clearance, side marker and ID lights.
- Compatible with all 12 volt systems.
- Hardwired leads available stripped, or with .180 bullets.
- 271 versions have 3-wire design feature standard clearance/marker plus high-intensity function useful for use as auxiliary CHMSL.
- Rubber grommet included in Viz-Packs and manufacturer's packs.

271A-BT3

Diagram shows light shown installed in rubber mounting grommet (included)

1.07"
27 mm

0.75"
19 mm

0.63"
16 mm

Order No.	Description	Pack	Std Carton
V171A	amber kit	Viz Pack	3
V171R	red kit	Viz Pack	3
M171A	amber	mfg. pack	50
M171R	red	mfg. pack	50
M171A-P	amber w/ plug	mfg. pack	50
M171R-P	red w/ plug	mfg. pack	50
M171A-BT2	amber w/.180 bullets	mfg. pack	50
M171R-BT2	red w/.180 bullets	mfg. pack	50
M271A	amber	mfg. pack	50
M271R	red	mfg. pack	50
M271A-BT3	amber w/.180 bullets	mfg. pack	50
M271R-BT3	red w/.180 bullets	mfg. pack	50

See pages 175-176 for additional mounting options.
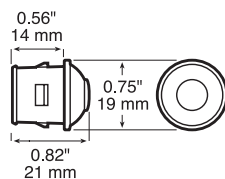
1 diode

DEFENDER APPROVED

MADE IN USA

HARD WIRED

PC rated

176 LED
3/4" PC-Rated Clearance & Side Marker Light

- Compact single diode design fits 3/4" hole.
- Functions as clearance and side marker light when properly installed.
- Compatible with all 12 volt systems.
- Hardwired leads available stripped, or with .180 bullets.
- Has theft-deterrent feature when properly mounted.
- Compatible grommet or bracket required for installation.
- Kits include light with .180 bullets and grommet.
- Does not require top mounting.
- "-BKA" kits include grommet and 176-10 surface-mount bracket.

0.56"
14 mm

0.75"
19 mm

0.82"
21 mm

Order No.	Description	Pack	Std Carton
176KA	amber kit	poly pack	6
176KR	red kit	poly pack	6
176BKA	amber w/ bracket & grommet	poly pack	6
176BKR	red w/ bracket & grommet	poly pack	6
M176A	amber	mfg. pack	50
M176R	red	mfg. pack	50
M176A-BT2	amber w/.180 bullets	mfg. pack	50
M176R-BT2	red w/.180 bullets	mfg. pack	50
B177-18	grommet	mfg. pack	100

See pages 175-176 for additional mounting options.

177 LED
3/4" PC-Rated Clearance & Side Marker Light

1 diode

- Functions as clearance and side marker light when properly installed.
- Compatible with all 12 volt systems.
- 12" hardwired leads available stripped, or with .180 bullets.
- Does not require top mounting.
- Compatible grommet or bracket required for installation.

Order No.	Description	Pack	Std Carton
M177A	amber	mfg. pack	50
M177R	red	mfg. pack	50
M177A-BT2	amber w/.180 bullets	mfg. pack	50
M177R-BT2	red w/.180 bullets	mfg. pack	50
B177-18	grommet	mfg. pack	100

See pages 175-176 for additional mounting options.

0.56" 14 mm
0.75" 19 mm
0.82" 21 mm
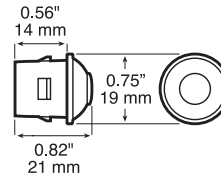
181 Single Diode LED
3/4" PC-Rated Clearance & Side Marker Light

1 diode

- Compact single diode design fits ¾" hole.
- PC rated as both clearance and side marker light when mounted at a 45° angle with optical facets in lens running vertically.
- Hardwired 8" leads available either stripped, or with .180 bullets.
- 12 volt and multi-volt (9–32V) versions.
- Includes mounting grommet.

Order No.	Description	Pack	Std Carton
181KA	amber kit, stripped leads	poly pack	6
181KR	red kit, stripped leads	poly pack	6
M181A	amber, stripped leads	mfg. pack	50
M181R	red, stripped leads	mfg. pack	50
M181A-BT2	amber, .180 bullets	mfg. pack	50
M181R-BT2	red, .180 bullets	mfg. pack	50
M181A-MV	amber, stripped leads, multi-volt	mfg. pack	50
M181R-MV	red, stripped leads, mult-volt	mfg. pack	50

Multi-Volt 12V & 24V

0.56" 14 mm
0.75" 19 mm
0.82" 21 mm
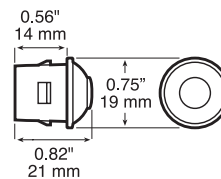
186/286 *LumenX*® Dot XL™ LED
1⅜" PC-Rated Clearance & Side Marker Light

1 diode

- Round 1 3/8" diameter model fits popular 3/4" mounting holes.
- Single-diode LED design with white diode behind colored lens.
- PC-rated, functions as both clearance and side marker light when mounted at a 45° angle.
- Hardwired 8" leads available either stripped, or with .180 bullets.
- 186 series has two-wire design. 286 series has three-wire version for auxiliary brake or turn functions.
- 9-16 volt operating range.
- Includes specially designed mounting grommet for installation.

Order No.	Description	Pack	Std Carton
M186A	amber, stripped leads	mfg. pack	50
M186R	red, stripped leads	mfg. pack	50
M186A-BT2	amber, .180 bullets	mfg. pack	50
M186R-BT2	red, .180 bullets	mfg. pack	50
M286A	amber w/ aux function, stripped	mfg. pack	50
M286R	red w/ aux function, stripped	mfg. pack	50
M286A-BT3	amber w/ aux func, .180 bullets	mfg. pack	50
M286R-BT3	red w/ aux function, .180 bullets	mfg. pack	50

NEW!

DEFENDER APPROVED

0.75" 19 mm
1.33" 34 mm
0.60" 15 mm

LED

2.50"
64 mm

6.60"
168 mm

1.00"
25 mm
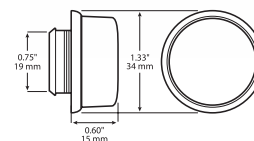
3 diodes

HARD WIRED

277K LED
Fender-Mount Combo Clearance / Side Marker

- Dual single-diode 3/4" LED lights in low-profile combination bracket.
- Forward-facing amber and rear-facing red lights in a single unit.
- Surface-mount design mounts easily with three screws (not included).
- Rugged, corrosion-resistant bracket made of thick, rigid black plastic.
- Low profile shape with smooth, rounded corners resists snagging.
- Wire junctions completely sealed in thick urethane potting material.
- 9-16 voltage operating range.
- Max current draw 0.2A@12V.

Order No.	Description	Pack	Std Carton
M277K	curbside	mfg. pack	100
M277KL	roadside	mfg. pack	100

MULTI-COLOR LIGHT

0.56"
14 mm

0.75"
19 mm

0.82"
21 mm
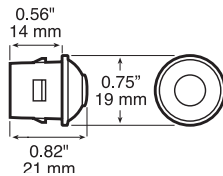
1 diode

MADE IN USA

HARD WIRED

CLEAR LENS
COLORED LIGHT

176RGB LED
Multi-Color Accessory Light

- Compact light fits 3/4" hole.
- Common power wire plus 3 separate ground wires permit illumination in seven colors: red, blue, green, cyan, violet, yellow and white.
- Hardwired with four 8" wires.
- Compatible grommet or bracket required for installation.
- Not for exterior use on road-legal vehicles.

Order No.	Description	Pack	Std Carton
M176RGB	seven selectable colors	mfg. pack	50
B177-18	rubber grommet	mfg. pack	100

See pages 175–176 for additional mounting options.

4741PK
4741G
4741P*
4741C*
4741B*
4741T

*Shown w/Grommet, Not Included

0.56"
14 mm

0.75"
19 mm

0.82"
21 mm
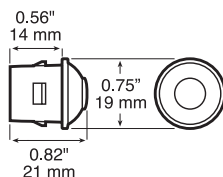
1 diode

MADE IN USA

HARD WIRED

⚡MV
Multi-Volt
12V & 24V

4741-MV LED
Multi-Color Accessory Light

- Compact light fits 3/4" hole.
- Multi-color LED lights available in 7 different colors - blue, green, purple, white, pink, yellow and teal.
- Hardwired with two 8" wires.
- 9-16 volt operating range, 9-32 volts for "-MV" multi-volt units.
- Compatible grommet or bracket required for installation.
- Not for exterior use on road-legal vehicles.

Order No.	Description	Pack	Std Carton
4741B	blue	mfg. pack	50
4741C	white	mfg. pack	50
4741G	green	mfg. pack	50
4741P	purple	mfg. pack	50
4741PK	pink	mfg. pack	50
4741T	teal	mfg. pack	50
4741Y	yellow	mfg. pack	50
4741B-MV	blue, multi-volt	mfg. pack	50
4741C-MV	white, multi-volt	mfg. pack	50
4741G-MV	green, multi-volt	mfg. pack	50
4741P-MV	purple, multi-volt	mfg. pack	50
4741PK-MV	pink, multi-volt	mfg. pack	50
4741T-MV	teal, multi-volt	mfg. pack	50
4741Y-MV	yellow, multi-volt	mfg. pack	50
B177-18	rubber grommet	mfg. pack	100

See pages 175–176 for additional mounting options.

LED

179 LED
Auxiliary Tunnel Lights™

VIZ PACK

HARD WIRED

- The ultimate accessory for trucks or trailers. Chrome stealth look when off, stunning 3D tunnel effect when on!
- Illuminate and beautify stainless steel air cleaners, headache racks, bumpers, door panels, & running boards.
- For off-road or accessory use; not to replace legally required lighting.
- Available in self-demonstrating Viz Pack
- Mounts on 4" centers using #10 screws
- Reversible leads w/ .180 bullets. Terminals can be removed for hard-wiring connection to vehicle harness.
- Compatible with all 12 volt systems.
- 3-year warranty.

Mirrored "stealth"
look when unlit
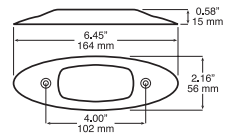
Order No.	Description	Pack	Std Carton
V179A	amber	Viz Pack	6
V179R	red	Viz Pack	6
M179A	amber	mfg. pack	50
M179R	red	mfg. pack	50

0.58"
15 mm
6.45"
164 mm
2.16"
56 mm
4.00"
102 mm

272/274 LED
2½ or 2" Round Auxiliary Tunnel Lights™

HARD WIRED

- Mirror look when off, 3D tunnel effect when on!
- For accessory use only, perfect for air cleaners, stainless skirts, headache racks, side rails, etc.
- Mounting grommet required for installation.
- Compatible with 2" and 2.5" chrome bezels. See page 184.
- Reversible leads w/ .180 bullets color-coded to indicate lamp color.
- Compatible with all 12 volt systems.
- 3-year warranty.

Mirrored "stealth"
look when unlit
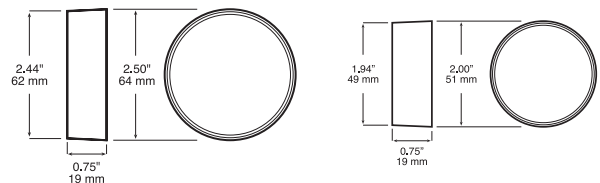
Order No.	Description	Pack	Std Carton
M272A	amber 2.5"	mfg. pack	50
M272R	red 2.5"	mfg. pack	50
M274A	amber 2"	mfg. pack	50
M274R	red 2"	mfg. pack	50
B143-18	2.5" mounting grommet	mfg. pack	100
B146-18	2" mounting grommet	mfg. pack	100

2.44"
62 mm
2.50"
64 mm
1.94"
49 mm
2.00"
51 mm
0.75"
19 mm
0.75"
19 mm

VIZ PACK

PC rated
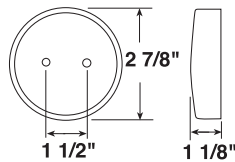
102
Surface Mount Clearance & Side Marker Light

- Surface-mount light functions as clearance and side marker.
- Durable base and acrylic lens provides high quality at economical price.
- Grounds through mounting screw with single lead wire.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
V102A	amber	Viz Pack	6
V102R	red	Viz Pack	6
M102A	amber	mfg. pack	100
M102R	red	mfg. pack	100
102-15A	amber lens	poly pack	10
102-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

2 7/8"
1 1/2"
1 1/8"

MADE IN USA

VIBAR SOCKET

LONG LIFE BULB

PC rated
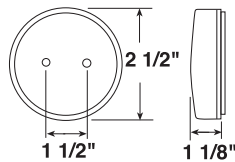
104
Surface Mount Clearance & Side Marker Light

- Surface mount light functions as clearance and side marker light.
- Patented Vibar® socket ensures extended bulb life.
- Lens snap seals onto housing.
- Individually bagged, packed 100 per carton.
- Grounds through mounting screw with single lead wire.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
M104A	amber	mfg. pack	100
M104R	red	mfg. pack	100
100-15A	amber lens	poly pack	10
100-15R	red lens	poly pack	10
B100-15A	amber lens	mfg. pack	100
B100-15R	red lens	mfg. pack	100
193 or 194	12 volt replacement bulb		

2 1/2"
1 1/2"
1 1/8"

2 bulbs

MADE IN USA

INTEGRAL REFLEX
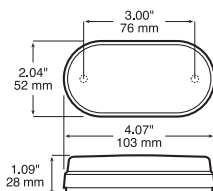
106
Combination 2-Bulb Light w/ Reflex

- Two bulbs for increased reliability.
- Molded base and socket absorb shock and vibration.
- Grounds through mounting screw with single lead wire.
- V108-15 contains two lenses per pack.

Order No.	Description	Pack	Std Carton
M106A	amber	mfg. pack	100
M106R	red	mfg. pack	100
V108-15A	amber lens 2-pack	Viz Pack	6
V108-15R	red lens 2-pack	Viz Pack	6
108-15A	amber lens	poly pack	10
108-15R	red lens	poly pack	10
B108-15A	amber lens	bulk pack	100
B108-15R	red lens	bulk pack	100
193 or 194	12 volt replacement bulb		

3.00" 76 mm
2.04" 52 mm
4.07" 103 mm
1.09" 28 mm

107
Mini-Lite Clearance/Side Marker

- Amber or red lights functions as clearance, side marker or identification light and may be used as combination side marker and clearance light when properly mounted.
- Blue and green lights are for accessory use only, not for use as legally-required clearance or marker lights.
- Features durable base with external mounting holes.
- Lens snap-locks onto base.
- Running-board light kit contains six lights, mounting hardware, connectors, and easy-to-follow instructions.
- "24" denotes 24-volt version.
- Includes single lead wire and grounds through mounting screw.
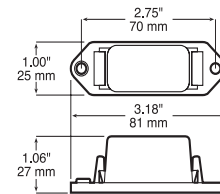
Order No.	Description	Pack	Std Carton
V107WA	amber	Viz Pack	3
V107WB	blue	Viz Pack	6
V107WR	red	Viz Pack	3
V107-6A	6 light amber kit	Viz Pack	6
107WA	amber	poly pack	48
107WR	red	poly pack	48
M107WA	amber	mfg. pack	100
M107WR	red	mfg. pack	100
M107WA-24	amber, 24 volt	mfg. pack	100
M107WR-24	red, 24 volt	mfg. pack	100

Order No.	Description	Pack	Std Carton
V107-15A	amber lens	Viz Pack	6
V107-15R	red lens	Viz Pack	6
107-15A	amber lens	poly pack	10
107-15R	red lens	poly pack	10
107-15B	blue lens	poly pack	10
107-15G	green lens	poly pack	10
B107-15A	amber lens	bulk pack	100
B107-15R	red lens	bulk pack	100
193 or 194	12 volt replacement bulb		
464	24 volt replacement bulb		

108
Combination 1-Bulb Light w/ Reflex

- Molded base with single-bulb socket
- Single lead wire; grounds through mounting screw.
- V108-15 contains two lenses per pack.

Order No.	Description	Pack	Std Carton
V108WA	amber	Viz Pack	3
V108WR	red	Viz Pack	3
108WA	amber	poly pack	24
108WR	red	poly pack	24
M108WA	amber	mfg. pack	100
M108WR	red	mfg. pack	100
V108-15A	amber lens 2-pack	Viz Pack	6
V108-15R	red lens 2-pack	Viz Pack	6
108-15A	amber lens	poly pack	10
108-15R	red lens	poly pack	10
B108-15A	amber lens	bulk pack	100
B108-15R	red lens	bulk pack	100
193 or 194	12 volt replacement bulb		
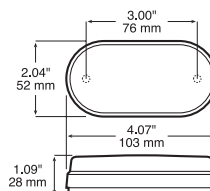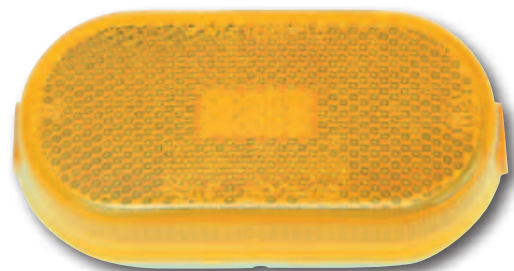
109
Cab Marker Light

- Rugged, diecast housing with chrome-plated finish.
- Special base design and neoprene mounting pad allow light to be mounted on both flat or curved surfaces.
- Single-screw convenience for bulb or lens service.
- Includes single lead wire and grounds through mounting screw.
- Available in amber only.

2 1/2" **2 7/8"** **6 3/4"** **7 7/8"**
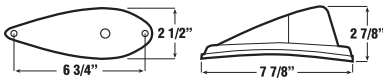
Order No.	Description	Pack	Std Carton
V109A	amber	Viz Pack	6
67	replacement bulb		

110
PC-Rated Clearance/Side Marker Light

- Has corrosion-resistant molded housing and plated metal bracket.
- Acrylic lens snaps onto housing.
- Includes single lead wire and grounds through mounting screw.
- V110-15 contains two lenses per pack.
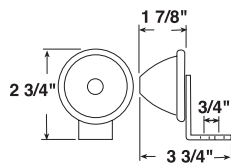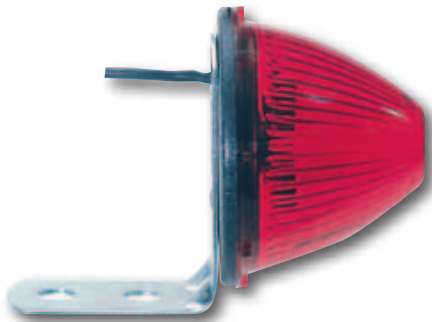
Order No.	Description	Pack	Std Carton
V110A	amber	Viz Pack	6
V110R	red	Viz Pack	6
M110A	amber	mfg. pack	100
M110R	red	mfg. pack	100
V110-15A	amber lens 2-pack	Viz Pack	6
V110-15R	red lens 2-pack	Viz Pack	6
110-15A	amber lens	poly pack	10
110-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

1 7/8" **2 3/4"** **3/4"** **3 3/4"**

112
Clearance/Side Marker Light w/ Reflex

- Surface mounts on 3.25" centers.
- Single bulb.
- Single lead wire for electrical connection.
- Grounds through mounting hardware.
- 15,000-hour-rated long-life bulb.

3.25" 83 mm **2.00" 51 mm** **3.74" 95 mm** **0.86" 22 mm**
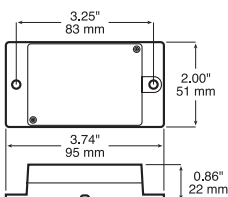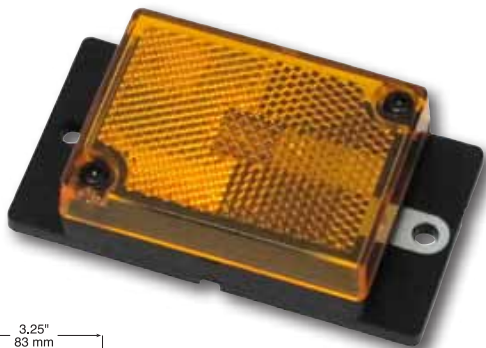
Order No.	Description	Pack	Std Carton
V112A	amber	Viz Pack	3
114-15A	amber lens	poly pack	10
193 or 194	12 volt replacement bulb		

114
PC-Rated Clearance/Side Marker w/ Reflex

- "Quick Lock" port; just push stripped power wire in to connect.
- Grounds through stud, or through additional ground wire port.
- Use as both side marker and clearance light when properly mounted.
- Features 15,000-hour-rated long life bulb.
- See 214 series LED version on page 56.

Order No.	Description	Pack	Std Carton
V114A	amber	Viz Pack	3
V114R	red	Viz Pack	6
M114A	amber	mfg. pack	100
M114R	red	mfg. pack	100
114-15A	amber lens	poly pack	10
114-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		
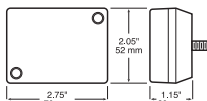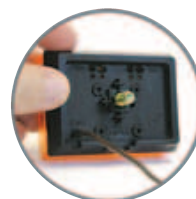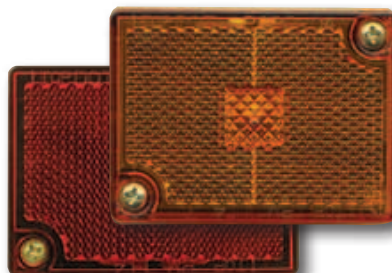
115
Clearance/Side Marker Light w/ Reflex

- Mounts on 3-7/16" centers.
- "Quick Lock" port; just push stripped power wire in to connect.
- Grounds through mounting screw or through ground wire port.
- Built-in reflective optics eliminate the need for a separate reflector.
- Features 15,000-hour-rated long life bulb.

Order No.	Description	Pack	Std Carton
M115A	amber	mfg. pack	100
M115R	red	mfg. pack	100
55-15A	amber lens	poly pack	10
55-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		
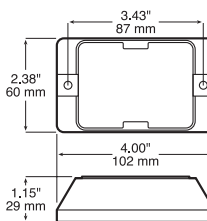
116
Clearance/Side Marker Light w/ Reflex

- Surface mount, wedge design popular for use on recreational trailers.
- Single electrical lead; grounds through mounting hardware.
- Mounts on 3 1/8" centers.
- Lens and housing sonic-welded to form a sealed single unit.
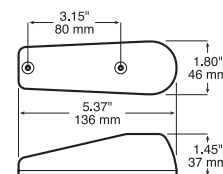
Order No.	Description	Pack	Std Carton
M116A	amber	mfg. pack	100
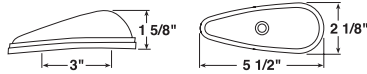
118
Cab Marker Light

- Popular style, amber cab marker light interchanges with competitive models.
- Base constructed of molded, corrosion-resistant ABS.
- Grounds through mounting hardware.
- Kit pack includes five lights, wire harness and mounting hardware.

Order No.	Description	Pack	Std Carton
V118A	amber	Viz Pack	6
V118KA	5 light amber kit	Viz Pack	6
M118A	amber	mfg. pack	200
118-15A	amber lens	poly pack	10
67	replacement bulb		
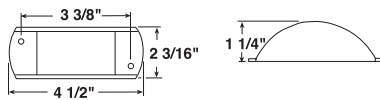
119
PC-Rated Clearance/Side Marker Light

- Functions as combination side marker and clearance light when properly mounted.
- Acrylic lens guarded by 14-gauge, bright-plated steel housing.
- Can be spot-welded to side rails, truck bed rails, etc.
- Flat-back design mounts without disassembly.
- Includes single lead wire and grounds through mounting screw.
- Blue and green for accessory use only.

Order No.	Description	Pack	Std Carton
119A	amber	poly pack	24
119R	red	poly pack	24
M119A	amber	mfg. pack	48
M119R	red	mfg. pack	48
119-15A	amber lens	poly pack	10
119-15R	red lens	poly pack	10
B119-15B	blue lens	mfg. pack	100
B119-15G	green lens	mfg. pack	100
168	replacement bulb		
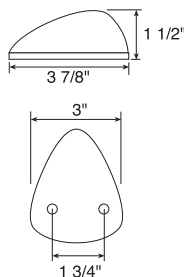
120
Cab Marker Light

- Low profile amber cab marker light is direct OE replacement for late model full-size pickup trucks.
- Tough polycarbonate lens and base with durable mounting pad
- 6-1/2" lead and ground wire. Available with .180 bullets
- Twist-in socket cradles and protects bulb; allows for easy service.

Order No.	Description	Pack	Std Carton
V120A	amber	Viz Pack	6
M120A	amber	mfg. pack	96
M120A-1	amber, .180 bullets	mfg. pack	96
M120R	red	mfg. pack	96
M120R-1	red, .180 bullets	mfg. pack	96
120-49	replacement socket	mfg. pack	100
193 or 194	12 volt replacement bulb		
464	24 volt replacement bulb		

122 Vanguard II Armored
PC-Rated Clearance & Side Marker Light

- Surface-mount design functions as side marker or clearance light.
- Can also be used as combination marker and clearance light when properly mounted.
- Impact-resistant, molded housing resists rust and corrosion
- Includes mounting gasket.
- Includes single lead wire; grounds through mounting screws.

MADE IN USA
LONG LIFE BULB
PC rated
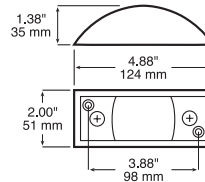
Order No.	Description	Pack	Std Carton
M122A	amber	mfg. pack	48
M122R	red	mfg. pack	48
124-15A	amber lens	poly pack	10
124-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

1.38" 35 mm
4.88" 124 mm
2.00" 51 mm
3.88" 98 mm

122X Vanguard II Armored Chrome
PC-Rated Clearance & Side Marker Light

- Deluxe, chrome-plated version of 122 series clearance and side marker light; same function and features as 122 series.
- Includes single lead wire; grounds through mounting screws.
- Brilliant, durable, copper-nickle, chrome-plated finish.

VIZ PACK
MADE IN USA
LONG LIFE BULB
PC rated
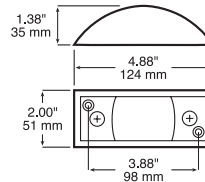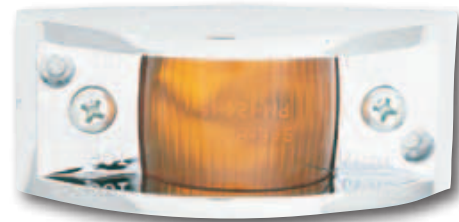
Order No.	Description	Pack	Std Carton
V122XA	amber	Viz Pack	6
V122XR	red	Viz Pack	6
M122XA	amber	mfg. pack	48
M122XR	red	mfg. pack	48
124-15A	amber lens	poly pack	10
124-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

1.38" 35 mm
4.88" 124 mm
2.00" 51 mm
3.88" 98 mm

123 Cast Aluminum
PC-Rated Clearance & Side Marker Light

- Flat back light functions as clearance or side marker light.
- When properly mounted, can also be used as combination side marker and clearance light.
- Flat back design eliminates need for socket hole.
- Features 15,000-hour-rated long life bulb and single lead wire.
- Grounds through mounting screw.

MADE IN USA
LONG LIFE BULB
PC rated
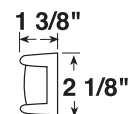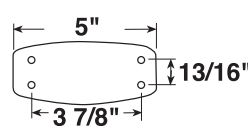
Order No.	Description	Pack	Std Carton
123A	amber	poly pack	24
123R	red	poly pack	24
124-15A	amber lens	poly pack	10
124-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

5"
1 3/8"
13/16"
2 1/8"
3 7/8"
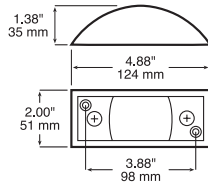
124 Vanguard
PC-Rated Clearance & Side Marker Light

MADE IN USA
LONG LIFE BULB
PC rated

- Features durable diecast housing, zinc screws and snap-in bushing.
- Pass-through mounting holes for installation without disassembly.
- Flat-back design eliminates need for socket hole.
- Equipped with 15,000-hour-rated long-life bulb.
- Includes single lead wire.
- Grounds through mounting screws.

1.38"
35 mm
4.88"
124 mm
2.00"
51 mm
3.88"
98 mm

Order No.	Description	Pack	Std Carton
124A	amber	poly pack	24
124R	red	poly pack	24
M124A	amber	mfg. pack	48
M124R	red	mfg. pack	48
124-15A	amber lens	poly pack	10
124-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

125
Clearance/Side Marker Light w/ Reflex
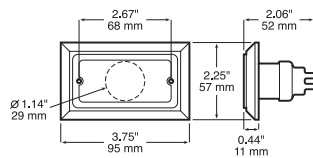
MADE IN USA
LONG LIFE BULB
INTEGRAL REFLEX REFLEX

- Lightweight, chrome plated ABS housing
- Mounts on 2-11/16" centers; uses lens screws as mounting screws.
- Twist-in socket assembly contains both lead wire and ground wire for mounting on all surfaces.
- Requires 1-1/4" socket mounting hole for installation.

2.67"
68 mm
2.06"
52 mm
2.25"
57 mm
Ø 1.14"
29 mm
3.75"
95 mm
0.44"
11 mm

Order No.	Description	Pack	Std Carton
M125A	amber	mfg. pack	96
M125R	red	mfg. pack	96
125-15A	amber lens	poly pack	10
125-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		
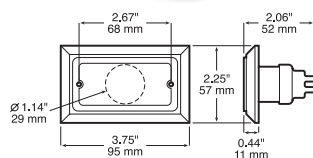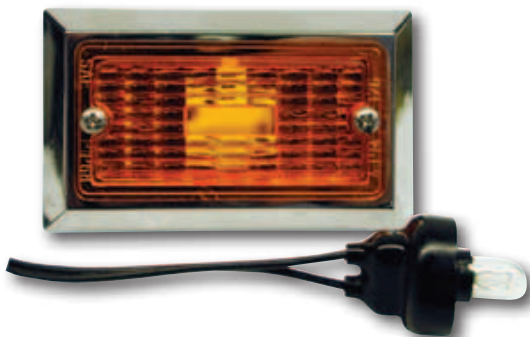
126
Clearance/Side Marker Light

VIZ PACK
MADE IN USA
LONG LIFE BULB

- Lightweight, chrome plated ABS housing
- Mounts on 2-11/16" centers; uses lens screws as mounting screws.
- Twist-in socket assembly contains both lead wire and ground wire for mounting on all surfaces.
- Requires 1-1/4" socket mounting hole for installation.

2.67"
68 mm
2.06"
52 mm
2.25"
57 mm
Ø 1.14"
29 mm
3.75"
95 mm
0.44"
11 mm

Order No.	Description	Pack	Std Carton
V126A	amber	Viz Pack	6
V126R	red	Viz Pack	6
M126A	amber	mfg. pack	96
M126R	red	mfg. pack	96
126-25A	amber lens	poly pack	10
126-25R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

127
Clearance/Side Marker Light

- OE replacement light for Knapheide truck bodies.
- Features sealed lens and housing and 15,000-hour-rated, 12-volt bulb.
- Mounts flush to vehicle with rubber grommet.
- Grommet and 2-wire plug required to complete installation.
- Viz-Pack kits include light, plug and white grommet.

Order No.	Description	Pack	Std Carton
V127KA	amber kit	Viz Pack	6
V127KR	red kit	Viz Pack	6
M127A	amber	mfg. pack	100
M127R	red	mfg. pack	100
127-18	grommet, black	poly pack	24
B127-18	grommet, black	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100
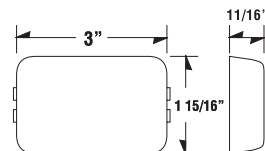
128
Clearance/Side Marker Light w/ Reflex

- Mounts on 3" centers.
- Features twist-in socket assembly with both lead and ground wires for mounting to all surfaces.
- V108-15 contains two lenses per pack.

Order No.	Description	Pack	Std Carton
V128A	amber	Viz Pack	6
V128R	red	Viz Pack	6
V108-15A	amber lens	Viz Pack	6
V108-15R	red lens	Viz Pack	6
108-15A	amber lens	poly pack	10
108-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		
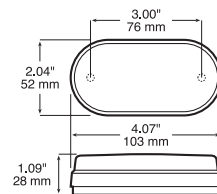
130 Hard-Hat
Clearance/Side Marker Light w/ Reflex

- Original, hard-hat style clearance or side marker light with built-in reflector optics; eliminates need for separate reflector.
- Contains two bulbs for maximum light output.
- Utilizes one lead wire and grounds through mounting screws.

Order No.	Description	Pack	Std Carton
M130A	amber	mfg. pack	100
M130R	red	mfg. pack	100
130-25A	amber lens	poly pack	10
130-25R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

VIZ PACK

MADE IN USA

INTEGRAL REFLEX REFLEX
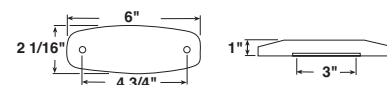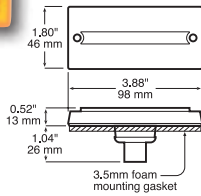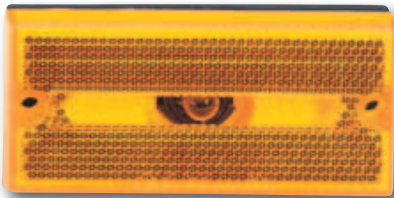
132
Clearance/Side Marker Light w/ Reflex

- Rectangular, one-bulb design.
- Surface mounts on 3-3/8" centers with mounting gasket included.
- Twist-in socket assembly contains both lead wire and ground wire for mounting on all surfaces.

1.80" 46 mm
3.88" 98 mm
0.52" 13 mm
1.04" 26 mm
3.5mm foam mounting gasket

Order No.	Description	Pack	Std Carton
V132A	amber	Viz Pack	6
V132R	red	Viz Pack	6
M132A	amber	mfg. pack	100
M132R	red	mfg. pack	100
193 or 194	12 volt replacement bulb		

2 bulbs

VIZ PACK

MADE IN USA

LONG LIFE BULB

PC rated

135
PC-Rated Clearance & Side Marker Light

- Two bulb design.
- Acrylic lens snaps onto housing.
- Surface mounts on 3" centers.
- Single wire connection, grounds through mounting hardware.
- 15,000-hour-rated long-life bulb.
- V134-15 contains two lenses per pack.

2" 4 1/8" 1 1/32" 3"
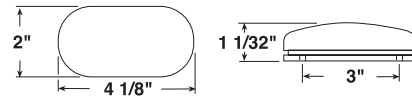
Order No.	Description	Pack	Std Carton
V135A	amber	Viz Pack	3
V135R	red	Viz Pack	3
135A	amber	poly pack	24
135R	red	poly pack	24
M135A	amber	mfg. pack	100
M135R	red	mfg. pack	100

Order No.	Description	Pack	Std Carton
V134-15A	amber lens	Viz Pack	6
V134-15R	red lens	Viz Pack	6
134-15A	amber lens	poly pack	10
134-15R	red lens	poly pack	10
B134-15A	amber lens	bulk pack	100
B134-15R	red lens	bulk pack	100
193 or 194	12 volt replacement bulb		

VIZ PACK

LONG LIFE BULB

136
Thin-Line Clearance/Side Marker Light

- Surface mounting.
- High-impact base and scratch-resistant acrylic lens.
- May be mounted horizontally or vertically.
- Includes single lead wire and grounds through mounting screw.

1 1/16" 1 1/8" 2 3/4" 3 1/2"
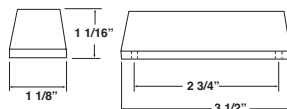
Order No.	Description	Pack	Std Carton
V136A	amber	Viz Pack	6
V136R	red	Viz Pack	6
136A	amber	poly pack	24
136R	red	poly pack	24
M136A	amber	mfg. pack	100
M136R	red	mfg. pack	100
136-15A	amber lens	poly pack	10
136-15R	red lens	poly pack	10
193 or 194	12 volt replacement bulb		

137
Clearance/Side Marker Light

LONG LIFE BULB

- Direct replacement for OE lights on older Peterbilt trucks.
- Two-wire design includes .180 bullet and #10 ring terminal.
- Includes stainless-steel, self-tapping mounting screws.
- Mounts on 3 15/16" centers.

Order No.	Description	Pack	Std Carton
M137A	amber	mfg. pack	50
M137R	red	mfg. pack	50
193 or 194	12 volt replacement bulb		

6 1/4"
1 13/16"
3 15/16"

138
PC-Rated Clearance/Side Marker Light

2 bulbs

VIZ PACK

MADE IN USA

LONG LIFE BULB

24 24 Volt Version
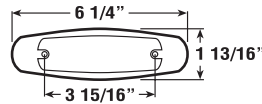
PC rated

- "Double bulls-eye" twin bulb design.
- Acrylic lens snaps onto housing.
- Surface mounts on 3" centers
- Single 4.5" wire connection, grounds through mounting hardware.
- Features two 15,000-hour-rated long-life bulbs.
- Blue, clear and green available for accessory use only.
- V138-15 contains two lenses per pack.

Order No.	Description	Pack	Std Carton
V138A	amber	Viz Pack	3
V138R	red	Viz Pack	3
138A	amber	poly pack	24
138R	red	poly pack	24
M138A	amber	mfg. pack	100
M138B	blue	mfg. pack	100
M138C	clear	mfg. pack	100
M138G	green	mfg. pack	100
M138R	red	mfg. pack	100
M138A-24V	amber, 24-volt	mfg. pack	100
M138B-24V	blue, 24-volt	mfg. pack	100
M138C-24V	clear, 24-volt	mfg. pack	100
M138G-24V	green, 24-volt	mfg. pack	100
M138R-24V	red, 24-volt	mfg. pack	100

2"
4"
1 1/8"
3"
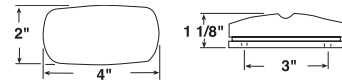
Order No.	Description	Pack	Std Carton
V138-15A	amber lens	Viz Pack	6
V138-15R	red lens	Viz Pack	6
138-15A	amber lens	poly pack	10
138-15R	red lens	poly pack	10
B138-15A	amber lens	bulk pack	100
B138-15B	blue lens	bulk pack	100
B138-15C	clear lens	bulk pack	100
B138-15G	green lens	bulk pack	100
B138-15R	red lens	bulk pack	100
193 or 194	12 volt replacement bulb		
464	24 volt replacement bulb		

140 Incandescent
2" Clearance/Side Marker Light w/ Reflex

MADE IN USA

✓ LED LED Version Available

LONG LIFE BULB

INTEGRAL REFLEX BELTEX

NEW!

- 2" round light with 15,000-hour long-life incandescent bulb.
- Built-in reflex, eliminating need for separate reflector.
- Fits metric size mounting holes.
- Welded terminals, no solder.
- Accepts industry standard 2-wire plug.
- 9-16 voltage operating range.
- Protective gasket included.
- See 190 series LED version lights on page 59.

Order No.	Description	Pack	Std Carton
M140FA	amber	mfg. pack	100
M140FR	red	mfg. pack	100
140 24	replacement gasket	mfg. pack	1
162-49	plug	poly pack	12
B162-49	plug	mfg. pack	100

Bolt Hole Radius 2.56" 65 mm
3.00" 76 mm
0.90" 23 mm
2.00" 51 mm
0.43" 11 mm

VIZ PACK

MADE IN USA

✓LED LED Version Available

LONG LIFE BULB

MARINE RECOMMENDED

⚡24 24 Volt Version
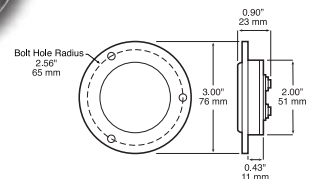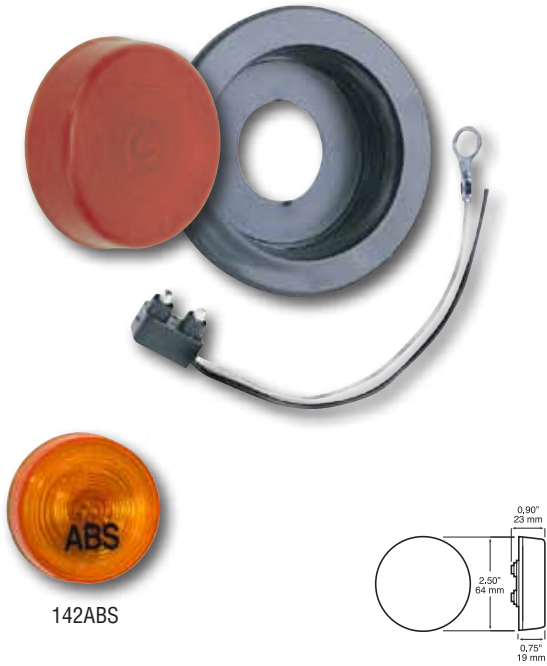
PC rated

142
2½" PC-Rated Clearance/Side Marker Light

- Lens is welded to housing to form single unit.
- Requires mounting grommet and 2-wire plug for installation.
- Features 15,000-hour-rated long-life bulb.
- Kits include 142 light, 142-18 grommet and 142-49 plug.
- ABS warning version available, or see 2954 accessory ABS label on page 187.
- See page 60 for LED versions.
- See mounting accessory section for additional mounting options.

Order No.	Description	Pack	Std Carton
V142A	amber	Viz Pack	6
V142R	red	Viz Pack	6
142A	amber	poly pack	24
142R	red	poly pack	24
142KA	amber kit	poly pack	12
142KR	red kit	poly pack	12
M142A	amber	mfg. pack	100
M142R	red	mfg. pack	100
M142A-24V	amber, 24-volt	mfg. pack	100
M142R-24V	red, 24-volt	mfg. pack	100
M142ABS	amber w/ ABS label	mfg. pack	100
142-18	grommet	poly pack	24
B142-18	grommet	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

142ABS

0.90"
23 mm

2.50"
64 mm

0.75"
19 mm

VIZ PACK

MADE IN USA

✓LED LED Version Available

LONG LIFE BULB

MARINE RECOMMENDED
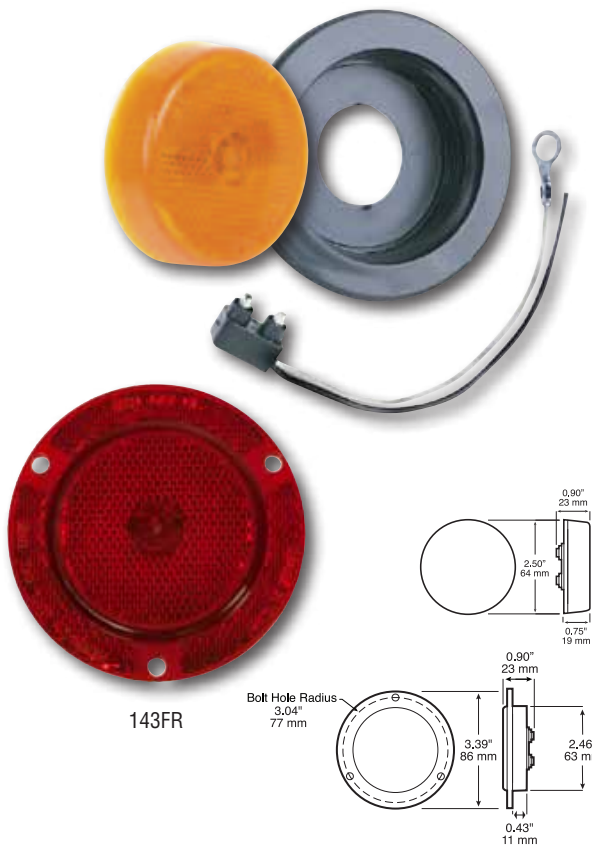
INTEGRAL REFLEX

143
2½" Clearance/Side Marker Light w/ Reflex

- Functions as side marker or clearance light.
- 143 series features built-in reflex optics, eliminating the need for a separate reflector.
- 143F has reflex-enabled flange integral with lens.
- 143 light comes without flange for use with rubber grommet.
- Accepts industry standard 2-wire plug.
- Features 15,000-hour-rated long life bulb.
- See page 58 for LED versions.
- See mounting accessory section for additional mounting options.

Order No.	Description	Pack	Std Carton
V143A	amber	Viz Pack	6
V143R	red	Viz Pack	6
143A	amber	poly pack	24
143R	red	poly pack	24
M143A	amber	mfg. pack	100
M143R	red	mfg. pack	100
M143FA	amber, flange mount	mfg. pack	100
M143FR	red, flange mount	mfg. pack	100
142-18	grommet	poly pack	24
B142-18	grommet	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

143FR

0.90"
23 mm

2.50"
64 mm

0.75"
19 mm

Bolt Hole Radius
3.04"
77 mm

0.90"
23 mm

3.39"
86 mm

2.46"
63 mm

0.43"
11 mm

146
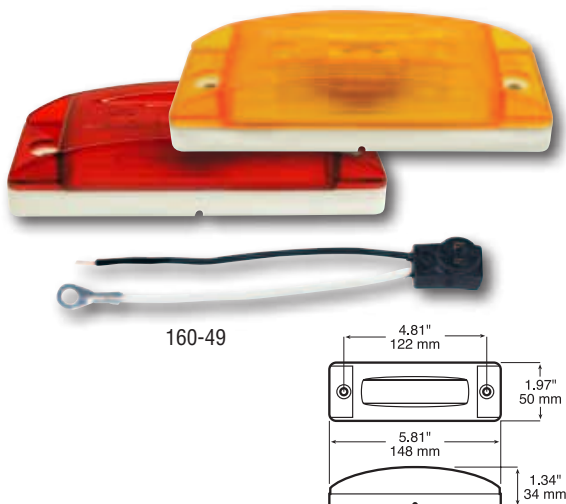## 2" PC-Rated Clearance/Side Marker Light

- Functions as side marker or clearance light.
- May be used as combination side marker and clearance light when mounted at a 45° angle.
- Features sealed lens and housing; 146F and 146S lights are sonic welded to flange to form single unit.
- 146 light comes without flange for use with rubber grommet.
- Requires 2-wire plug to complete installation.
- Features 15,000-hour-rated long-life bulb.
- Kit includes 146 light, 146-18 grommet and 142-49 plug.
- ABS warning version available, or see 2954 accessory ABS label on page 187.
- See page 63 for LED versions.
- See mounting accessory section for additional mounting options.

Order No.	Description	Pack	Std Carton
V146A	amber	Viz Pack	6
V146R	red	Viz Pack	6
146A	amber	poly pack	24
146R	red	poly pack	24
M146A	amber	mfg. pack	100
M146R	red	mfg. pack	100
M146KA	amber kit	mfg. pack	100
M146KR	red kit	mfg. pack	100
M146A-24V	amber, 24-volt	mfg. pack	100
M146R-24V	red, 24-volt	mfg. pack	100
M146FA	amber, flange mount	mfg. pack	100
M146FR	red, flange mount	mfg. pack	100
M146SA	amber, surface mount	mfg. pack	100
M146SR	red, surface mount	mfg. pack	100
M146ABS	amber w/ ABS mark	mfg. pack	100
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

146S Series

146F Series

3/4"

2"

146ABS

145
PC-Rated Clearance/Side Marker Light

- Requires mounting grommet and 2-prong plug to complete installation.
- Features 15,000-hour-rated long-life bulb.
- See page 52 for LED versions.
- See mounting accessory section for additional mounting options.

Order No.	Description	Pack	Std Carton
M145A	amber	mfg. pack	100
M145R	red	mfg. pack	100
146-18	grommet	poly pack	24
B146-18	grommet	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

1 7/8"

2"

INCANDESCENT CLEARANCE & MARKER

MADE IN USA

VIBAR SOCKET

LONG LIFE BULB

MARINE RECOMMENDED

PC rated

INTEGRAL REFLEX REFLEX
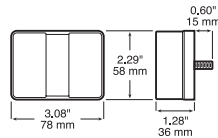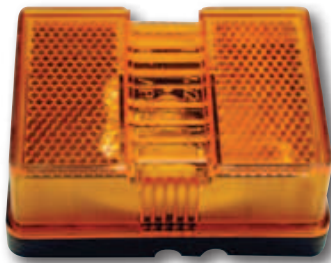
147
Clearance/Side Marker Light w/ Reflex

- When properly mounted, amber version can function as PC-rated clearance marker light and side marker light.
- Unidirectional design must be mounted horizontally, with indicated side toward front of vehicle for PC compliance.
- Single stud mount.
- Grounds through mounting stud.
- 24" single wire for electrical connection.
- Lens is welded to housing to form single unit.

0.60" 15 mm
2.29" 58 mm
3.08" 78 mm
1.28" 36 mm

Order No.	Description	Pack	Std Carton
M147A	amber	mfg. pack	100

VIZ PACK

MADE IN USA

✓LED LED Version Available

LONG LIFE BULB

MARINE RECOMMENDED
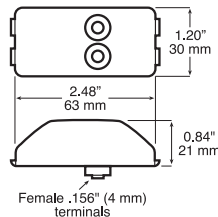
PC rated

150
PC-Rated Clearance/Side Marker Light

- Functions as side marker or clearance light and may be used as a combination clearance and side marker when properly mounted.
- Lens is welded to housing to form single unit.
- Features 15,000-hour-rated, long-life bulb and female terminals.
- Mounting bracket and electrical connector required to complete installation; see mounting and electrical accessories for details.
- Viz Pack kits include light, 150-102 bracket, lead wire and screws.
- 2636 kit includes light, 150-18 grommet, and 142-49 plug.
- See 203 series LED version on page 56.

1.20" 30 mm
2.48" 63 mm
0.84" 21 mm
Female .156" (4 mm) terminals

150-09

150-10

150-102

150-18

150-181

Order No.	Description	Pack	Std Carton
V150A	amber	Viz Pack	6
V150R	red	Viz Pack	6
V150KA	amber kit	Viz Pack	6
V150KR	red amber	Viz Pack	6
150A	amber	poly pack	24
150R	red	poly pack	24
M150A	amber	mfg. pack	100
M150R	red	mfg. pack	100
2636A	amber kit	mfg. pack	100
2636R	red kit	mfg. pack	100
150-092	chassis/black kit	poly pack	12
150-102	chassis/chrome kit	poly pack	12
B150-12	chassis/chrome bracket	mfg. pack	100
B150-491	18" molded lead	mfg. pack	100
150-09	gray bracket	poly pack	12
150-091	white bracket	poly pack	12
150-10	chrome bracket	poly pack	12
150-13	black bracket	poly pack	12
B150-18	black grommet	mfg. pack	100
B150-181	black grommet	mfg. pack	100
142-49	6" 2-wire plug	poly pack	12
B142-49	6" 2-wire plug	mfg. pack	100
B142-50	19" 2-wire plug	mfg. pack	100
B142-51	12" 2-wire plug	mfg. pack	100

151
Clearance/Side Marker Light

- Functions as side marker or clearance light.
- Lens is welded to housing to form single unit.
- Mounting stud serves as ground when mounted to metallic surface.
- Comes with a single 24" lead wire.
- Available in amber or red.
- See 191 Series LED version on page 56.

Order No.	Description	Pack	Std Carton
M151A	amber	mfg. pack	100
M151R	red	mfg. pack	100
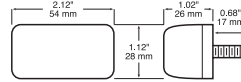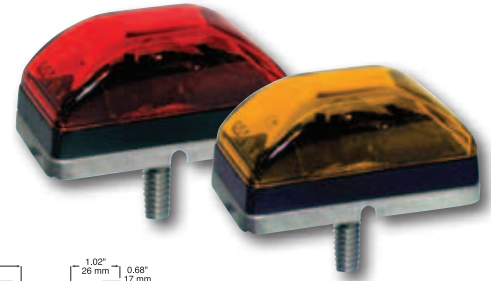
152
PC-Rated Clearance/Side Marker Light

- Functions as side marker or clearance light.
- When mounted at a 45° angle, light may be used as combination clearance and side marker light.
- Lens is welded to housing to form single unit.
- Mounting bracket and electrical connector required.
- Mounting stud serves as ground when mounted to metallic surface with single 17" lead wire for electrical connection.
- 152 series has male pins.
- Kits includes 152 light, 152-09 mounting bracket, and lead wire.
- Features 15,000-hour-rated, long-life bulb.
- See mounting accessories for additional mounting options.
- Available in amber or red.

152A

152BKR

152-09

Order No.	Description	Pack	Std Carton
M152A	amber	mfg. pack	100
M152R	red	mfg. pack	100
M152BKA	amber/black kit	mfg. pack	100
M152BKR	red/black kit	mfg. pack	100
152-09	black bracket	poly pack	12
B153-49	2-way plug	mfg. pack	100
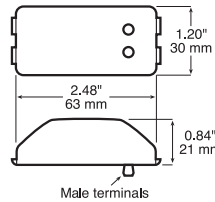
154A-R
Clearance/Side Marker Light

- Functions as both amber front clearance light and red rear clearance light for over 80" applications.
- Mounts on top or side of most fenders to mark widest point on trailer; ideal for boat, cargo or horse trailers.
- Mounting bracket and electrical connector are required to complete installation; 154 series has male pins.
- Mounting screw serves as ground when mounted to metallic surface with single lead wire for electrical connection.
- Features two 15,000-hour-rated, long-life bulbs.
- See 161 LED version on page 51.
- Utilizes same mounting hardware as standard 154 series; see mounting accessories section for additional mounting options.

Order No.	Description	Pack	Std Carton
M154A-R	amber/red	mfg. pack	100

Refer to 154 series on next page for installation accessories

154-09

153-49

154-09K

154-10K

154-11K

1.20" / 30 mm

3.91" / 99 mm

0.84" / 21 mm

Male terminals

3.00" / 76 mm

1.12" / 30 mm

4.12" / 105 mm

0.60" / 15 mm

VIZ PACK

✓LED LED Version Available

LONG LIFE BULB

MARINE RECOM-MENDED
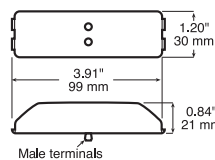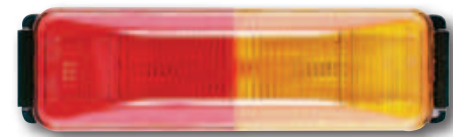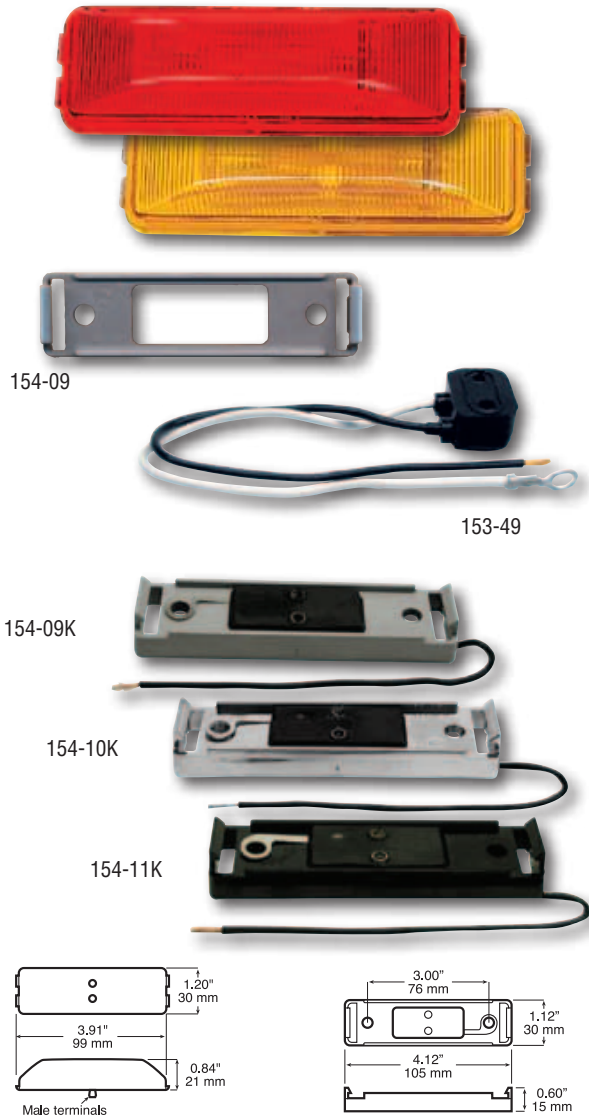
PC rated

154
PC-Rated Clearance/Side Marker Light

- Functions as side marker or clearance light.
- When mounted at a 45° angle, light may be used as combination clearance and side marker light.
- Lens is welded to housing to form single unit.
- Mounting bracket and electrical connector required.
- Mounting screw serves as ground when mounted to metallic surface with single lead wire for electrical connection.
- Features two 15,000-hour-rated, long-life bulbs.
- Kits includes 154 light and gray mounting bracket with lead wire molded into terminal pad and mounting screws.
- 154KA & 154KR kits include light and black mounting bracket with lead wire molded into terminal pad.
- See mounting accessories section for additional mounting options.
- See 161 Series LED version on page 51.

Order No.	Description	Pack	Std Carton
V154A	amber	Viz Pack	6
V154R	red	Viz Pack	6
154A	amber	poly pack	24
154R	red	poly pack	24
154KA	amber/gray kit	poly pack	24
154KR	red/gray kit	poly pack	24
M154A	amber	mfg. pack	100
M154R	red	mfg. pack	100
M154KA	amber kit	mfg. pack	100
M154KR	red kit	mfg. pack	100
154-09K	gray bracket kit	poly pack	12
B154-09	gray bracket	mfg. pack	100
154-10K	chrome bracket kit	poly pack	12
B154-10	chrome bracket	mfg. pack	100
B154-11	black bracket	mfg. pack	100
154-11K	black bracket kit	poly pack	12
B154-11K	black bracket kit	mfg. pack	100
153-49	plug	poly pack	12
B153-49	plug	mfg. pack	100
154-49	18" lead wire	poly pack	12
B154-49	18" lead wire	mfg. pack	100

160-49

4.81" / 122 mm

1.97" / 50 mm

5.81" / 148 mm

1.34" / 34 mm

MADE IN USA

✓LED LED Version Available

LONG LIFE BULB

PC rated

155 Sealed PC-Rated Hard Hat II Clearance/Side Marker Light

- May be used as combination side marker and clearance light when properly mounted at a 45° angle.
- Features internal brass contacts for extended service.
- Fitted with two 15,000-hour-rated, long-life bulbs.
- High impact lens is welded to housing to form a single unit.
- 160-49 or 160-491 plug required for installation.
- 155A/R poly pack contains a 160-49 style plug.

Order No.	Description	Pack	Std Carton
155A	amber, sealed	poly pack	24
155R	red, sealed	poly pack	24
M155A	amber, sealed	mfg. pack	50
M155R	red, sealed	mfg. pack	50
160-49	plug	poly pack	12
B160-49	plug	mfg. pack	100

2546
Clearance/Side Marker Light

- Popular for RV applications.
- Plastic base with snap-on lens.
- Surface mount.
- Two-wire electrical connection.

Order No.	Description	Pack	Std Carton
V2546A	amber	Viz Pack	10
V2546R	red	Viz Pack	10
V2546-15A	amber replacement lens	Viz Pack	10
V2546-15R	red replacement lens	Viz Pack	10
193 or 194	12 volt replacement bulb		
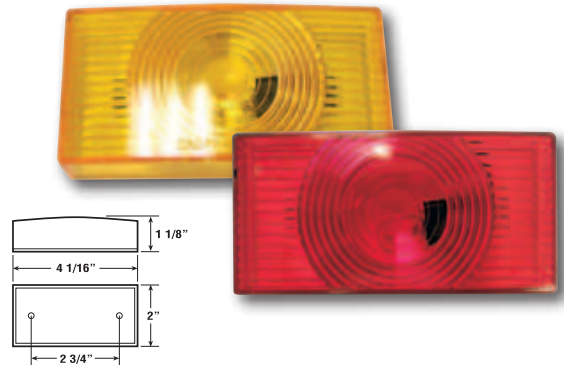
2547
Clearance/Side Marker Light

- Popular for RV applications.
- Plastic base with snap-on lens.
- Surface mount.
- Two-wire electrical connection.

Order No.	Description	Pack	Std Carton
V2547A	amber	Viz Pack	10
V2547R	red	Viz Pack	10
V2547-15A	amber replacement lens	Viz Pack	10
V2547-15R	red replacement lens	Viz Pack	10
193 or 194	12 volt replacement bulb		
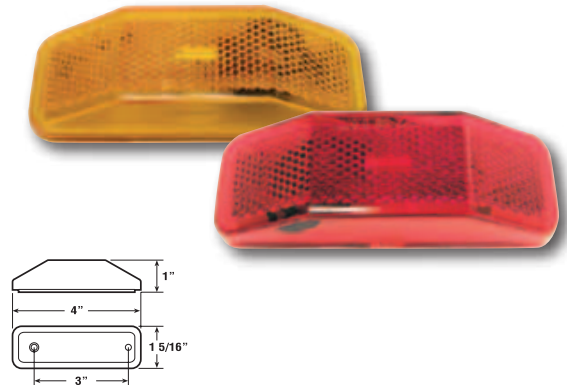
2548
Clearance/Side Marker Light

- Popular for RV applications.
- Lens and base welded to form single sealed unit.
- Includes .175"-thick closed cell cushion for mounting.
- Twist-out bulb socket for easy bulb replacement.
- Two-wire electrical connection.

Order No.	Description	Pack	Std Carton
V2548A	amber	Viz Pack	10
V2548R	red	Viz Pack	10
193 or 194	12 volt replacement bulb		
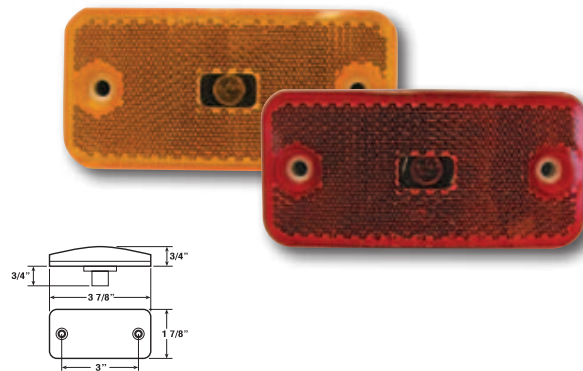
2549
Clearance/Side Marker Light

- Popular for RV applications.
- Snap-off lens and twist-out bulb socket provide easy bulb access. from outside vehicle or from behind mounting panel.
- Two-wire electrical connection.

Order No.	Description	Pack	Std Carton
V2549A	amber	Viz Pack	10
V2549R	red	Viz Pack	10
V2549-15A	amber replacement lens	Viz Pack	10
V2549-15R	red replacement lens	Viz Pack	10
193 or 194	12 volt replacement bulb		

LED

9
diodes

MADE IN USA
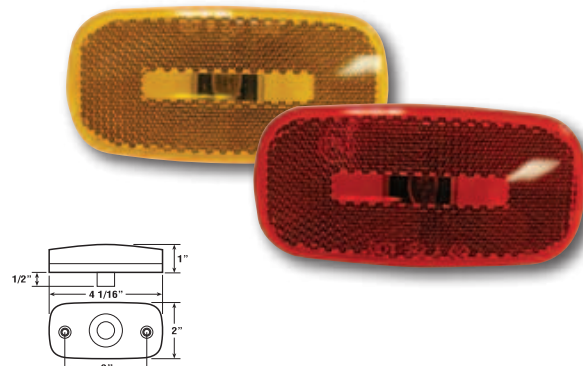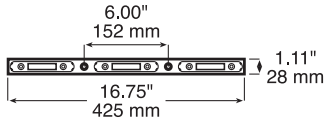
160 LED
Identification Light Bar

- Three sealed 160R LED lights on an extruded aluminum bar.
- Bar mounts on 6" centers.
- Overall bar length is 16.75".

6.00"
152 mm

1.11"
28 mm

16.75"
425 mm

Order No.	Description	Pack	Std Carton
160-3R	red	poly pack	6
160-493	replacement harness	poly pack	12

6
diodes

VIZ PACK
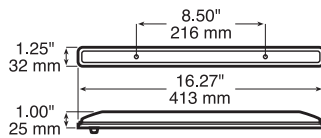
HARD WIRED

169 LED
Identification Light Bar

- One-piece housing sealed with epoxy eliminates weld joints.
- Operates from 9-16 volts.
- Features 2-wire, hardwired design.
- Includes mounting gasket.
- Standard version includes blunt-cut hot wires and #10 ring terminal on ground.
- Also aviailable with .180 bullets on hot wires.

8.50"
216 mm

1.25"
32 mm

16.27"
413 mm

1.00"
25 mm

Order No.	Description	Pack	Std Carton
V169-3R	red	Viz Pack	3
169-3R	red	poly pack	24
M169-3A	amber	mfg. pack	100
M169-3R	red	mfg. pack	100
M169-3ABT1	amber w/ .180 bullet & ring term	mfg. pack	100
M169-3RBT1	red w/ .180 bullet & ring term	mfg. pack	100
M169-3RBT2	red w/ two .180 bullets	mfg. pack	100

6
diodes

VIZ PACK
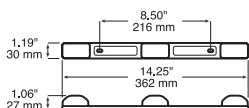
HARD WIRED

191-3 LED
Identification Light Bar

- Sealed LED Identification bar for over-80" applications
- Stainless steel bar is corrosion-resistant with three sealed LED lights
- Pre-wired with single 60" hardwired lead wire
- Mounts on 8.5" centers.

8.50"
216 mm

1.19"
30 mm

14.25"
362 mm

1.06"
27 mm

Order No.	Description	Pack	Std Carton
V191-3RL	red	Viz Pack	6
M191-3RL	red	mfg. pack	50

104-3
Low-Profile Light Bar

- Identification bar light for over 80" applications.
- Aluminum mounting bar contains three 104R lights.
- Mounts on 8-3/8" centers.
- Grounds through mounting hardware.

LONG LIFE BULB

MADE IN USA
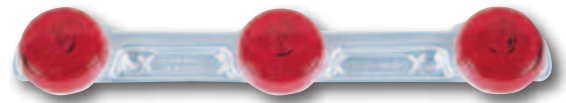
Order No.	Description	Pack	Std Carton
104-3R	red	poly pack	24
M104-3R	red	mfg. pack	48
100-15R	red lens	poly pack	10
B100-15R	red lens	mfg. pack	100
193 or 194	replacement bulb		
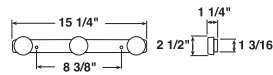
107-3
Mini Light Bar

- Economical identification bar light for over 80" applications.
- 107-3 corrosion-resistant bar is powder-coated white with three 107 lights attached.
- Mounts on 16-1/8" centers and grounds through mounting hardware.
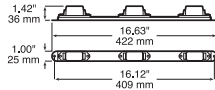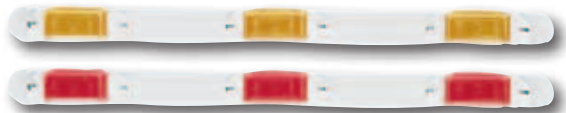
VIZ PACK

Order No.	Description	Pack	Std Carton
V107-3R	red	Viz Pack	3
107-3A	amber	poly pack	24
107-3R	red	poly pack	24
M107-3A	amber	mfg. pack	48
M107-3R	red	mfg. pack	48

Order No.	Description	Pack	Std Carton
107-15A	amber lens	poly pack	10
107-15R	red lens	poly pack	10
B107-15A	amber lens	mfg. pack	100
B107-15R	red lens	mfg. pack	100
193 or 194	replacement bulb		

136-3
Thin-Line Light Bar

- Identification bar light for over 80" applications.
- Corrosion resistant bar is 24-gauge steel with black enamel finish and three 136 oval lights attached.
- Mounts on 6-15/16" centers.
- Includes single lead wire and grounds through mounting hardware.

Order No.	Description	Pack	Std Carton
136-3A	amber	poly pack	24
136-3R	red	poly pack	24
136-15A	amber lens	poly pack	10
136-15R	red lens	poly pack	10
193 or 194	replacement bulb		
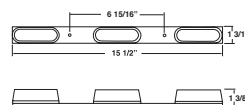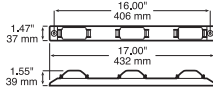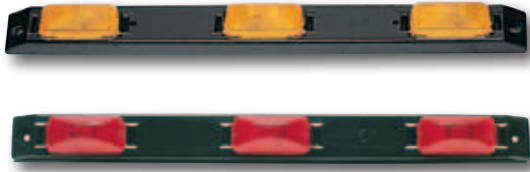
150-3 Sealed
Submersible Light Bar

- Submersible identification bar light for over 80" applications.
- Black polycarbonate bar is corrosion-proof with three 150 sealed lights attached.
- 150 lights snap on/off for easy service.
- Mounts on 16" centers.
- 0.20 " mounting holes accept #10 screws.
- Includes three-plug harness with two lead wires.
- All versions have 6" ground wire w/ ring terminal and 50" hot wire.
- Field upgradable to LEDs – bar also accepts 203 series on page 56.

Order No.	Description	Pack	Std Carton
V150-3R	red	Viz Pack	6
150-3R	red	poly pack	6
M150-3A	amber	mfg. pack	48
M150-3R	red	mfg. pack	48
150A	amber replacement light	poly pack	24
150R	red replacement light	poly pack	24
150-49	replac. harness w/ 8" hot lead	poly pack	10

151-3 Sealed
Submersible Light Bar

- Submersible identification bar light for over 80" applications.
- Stainless steel bar is corrosion-resistant with three sealed lights.
- Pre-wired with 60" lead wire.
- Grounds through mounting hardware.
- Mounts on 8 1/2" centers.
- See 191-3R LED version on page 86.
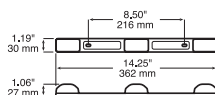
Order No.	Description	Pack	Std Carton
V151-3RL	red	Viz Pack	6
M151-3RL	red	mfg. pack	48

LED

817-7/818-7 *LumenX*® LED
4" Round Back-Up Light

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 818-7 has flange integrated into the housing.
- 817-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-48 plug.
- 818 kit includes light and 817-48 plug.

7 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

REG Voltage Regulated

NEW!

Order No.	Description	Pack	Std Carton
817C-7	grommet mount	poly pack	6
818C-7	flange mount	poly pack	6
817KC-7	grommet mount kit	poly pack	6
818KC-7	flange mount kit	poly pack	6
M817C-7	grommet mount	mfg. pack	50
M818C-7	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-48	plug	poly pack	6
B417-48	plug	mfg. pack	100
B817-48	molded plug	mfg. pack	100

1.35" 35mm   1.35" 35mm

4.25" 108 mm   4.25" 108 mm   5.50" 140 mm   4.50" 115 mm
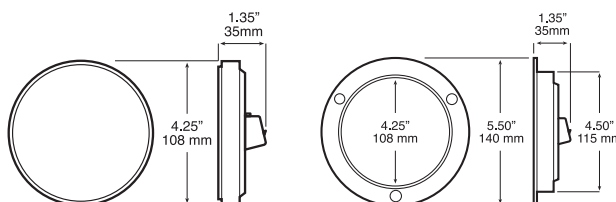
826-7/824-7 *LumenX*® LED
4" Round Back-Up Light

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- Industry-standard PL3 socket integrated into housing.
- 824-7 has flange integrated into the housing.
- 826-7 has skirted weld joint for added protection against moisture.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 826 kit includes light, grommet and 431-49 plug.
- 824 kit includes light and 431-49 plug.

7 diodes

VIZ PACK

LumenX

MADE IN USA

REG Voltage Regulated

NEW!

Order No.	Description	Pack	Std Carton
V826KC-7	grommet mount kit	Viz Pack	6
V824KC-7	flange mount kit	Viz Pack	6
826C-7	grommet mount	poly pack	6
824C-7	flange mount	poly pack	6
M826C-7	grommet mount	mfg. pack	50
M824C-7	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-49	plug	poly pack	12
B431-49	plug	mfg. pack	100

1.67" 42 mm   1.67" 42 mm

4.25" 108 mm   4.25" 108 mm   5.50" 140 mm   4.50" 115 mm

LED

NEW!

9 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

Multi-Volt 12V & 24V

REG Voltage Regulated
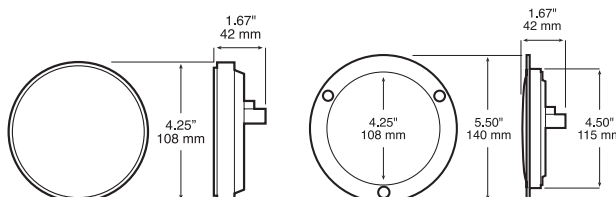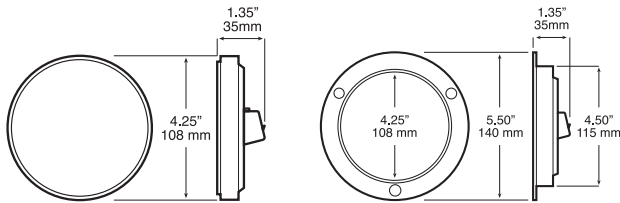
817-9/818-9 *LumenX*® LED
4" Round Back-Up Light

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 818-9 has flange integrated into the housing.
- 817-9 has skirted weld joint for added protection against moisture
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- 817 kit includes light, grommet and 817-48 plug.
- 818 kit includes light and 817-48 plug.

Order No.	Description	Pack	Std Carton
817KC-9	grommet mount kit	poly pack	6
818KC-9	flange mount kit	poly pack	6
M817C-9	grommet mount	mfg. pack	50
M818C-9	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-48	hardshell plug	poly pack	6
B417-48	hardshell plug	mfg. pack	100
B817-48	molded plug	mfg. pack	100

1.35" 35mm
4.25" 108 mm
1.35" 35mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

NEW!

9 diodes

LumenX

MADE IN USA

Multi-Volt 12V & 24V

REG Voltage Regulated

824-9/826-9 *LumenX*® LED
4" Round Back-Up Light

- Advanced optics fully illuminate lens.
- Industry-standard PL3 socket integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 824-9 has flange integrated into the housing.
- 826-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Does not require "Top" positioning to meet FMVSS 108 standard.

Order No.	Description	Pack	Std Carton
826C-9	grommet mount	poly pack	6
824C-9	flange mount	poly pack	6
M826C-9	grommet mount	mfg. pack	50
M824C-9	flange mount	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-49	plug	poly pack	12
B431-49	plug	mfg. pack	100

1.67" 42 mm
4.25" 108 mm
1.67" 42 mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

820-7 / 823-7 *LumenX*® LED Oval Back-Up Light

7 diodes

- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 823-7 has flange welded to light, forming a single unit.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 820 kit includes light, grommet and 817-48 plug.
- 823 kit includes light and 817-48 plug.

Order No.	Description	Pack	Std Carton
820C-7	grommet mount	poly pack	6
823C-7	flange mount	poly pack	6
820KC-7	grommet mount kit	poly pack	6
823KC-7	flange mount kit	poly pack	6
M820C-7	grommet mount	mfg. pack	50
M823C-7	flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-48	hardshell plug	poly pack	6
B417-48	hardshell plug	mfg. pack	100
B817-48	molded plug	mfg. pack	100
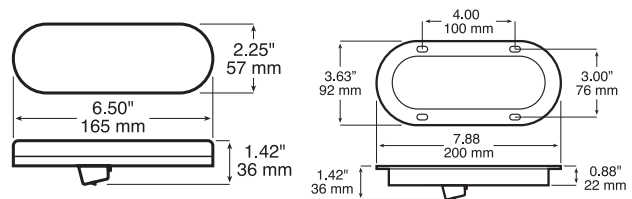
821-7 / 822-7 *LumenX*® LED Oval Back-Up Light

7 diodes

- A single light meets FMVSS 108 requirements when properly mounted.
- Industry-standard PL3 socket integrated into housing.
- 822-7 has flange welded to light, forming a single unit.
- 9–16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 821 kit includes light, grommet and 421-49 plug.
- 822 kit includes light and 421-49 plug.

Order No.	Description	Pack	Std Carton
V821KC-7	grommet mount kit	Viz Pack	6
V822KC-7	flange mount kit	Viz Pack	6
821C-7	grommet mount	poly pack	6
822C-7	flange mount	poly pack	6
M821C-7	grommet mount	mfg. pack	50
M822C-7	flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-49	plug	poly pack	12
B421-49	plug	mfg. pack	100

LED

NEW!

10 diodes

DEFENDER APPROVED

LumenX

MADE IN USA

Multi-Volt 12V & 24V

REG Voltage Regulated
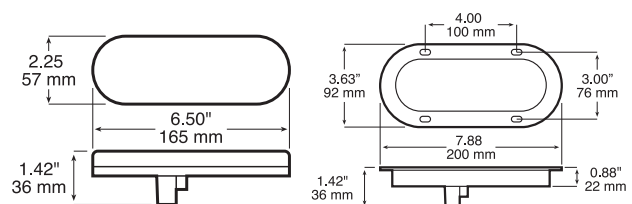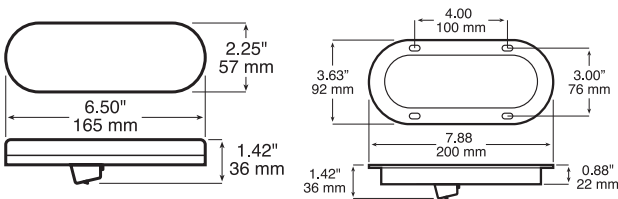
820-10 / 823-10 *LumenX®* LED Oval Back-Up Light

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- AMP-compatible connector integrated into housing.
- 823-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.
- 820 kit includes light, grommet and 817-48 plug.
- 823 kit includes light and 817-48 plug.

Order No.	Description	Pack	Std Carton
820KC-10	grommet mount kit	poly pack	6
823KC-10	flange mount kit	poly pack	6
M820C-10	grommet mount	mfg. pack	50
M823C-10	flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-48	hardshell plug	poly pack	6
B417-48	hardshell plug	mfg. pack	100
B817-48	molded plug	mfg. pack	100

Dimensions: 2.25" 57 mm, 6.50" 165 mm, 1.42" 36 mm, 4.00/100 mm, 3.63"/92 mm, 3.00"/76 mm, 7.88/200 mm, 0.88"/22 mm

NEW!

10 diodes

LumenX

MADE IN USA

Multi-Volt 12V & 24V

REG Voltage Regulated
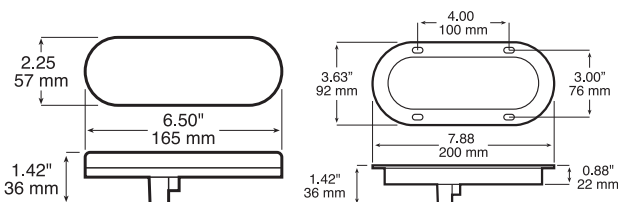
821-10 / 822-10 *LumenX®* LED Oval Back-Up Light

- Advanced optics fully illuminate lens.
- A single light meets FMVSS 108 requirements when properly mounted.
- Industry-standard PL3 socket integrated into housing.
- 822-10 has flange welded to light, forming a single unit.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Meets FMVSS 108 requirements in horizontal, vertical or any 360° position.

Order No.	Description	Pack	Std Carton
821C-10	grommet mount	poly pack	6
822C-10	flange mount	poly pack	6
M821C-10	grommet mount	mfg. pack	50
M822C-10	flange mount	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-49	plug	poly pack	6
B421-49	plug	mfg. pack	100

417C / 418C LED Back-Up Light

26 diodes

- 9-32 volt operating range.
- Meets FMVSS 108 and ECE requirements when installed as pairs.
- "P" version has molded adapter plug.
- Skirted linear weld for durability.
- 418C-P has flange welded to light, forming a single unit.
- Hardwired design.

Order No.	Description	Pack	Std Carton
417C	grommet mount	poly pack	6
417C-P	grommet w/ plug	poly pack	6
418C-P	flange w/ plug	poly pack	6
M417C-P	grommet w/ plug	mfg. pack	50
M418C-P	flange w/ plug	mfg. pack	50
M417C-BT2	grommet w/ .180 bullets	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100

MADE IN USA · HARD WIRED · MV Multi-Volt 12V & 24V · ECE & DOT

1.35" 35mm · 4.25" 108 mm · 1.35" 35mm · 4.25" 108 mm · 5.50" 140 mm · 4.50" 115 mm
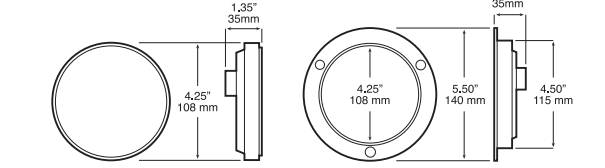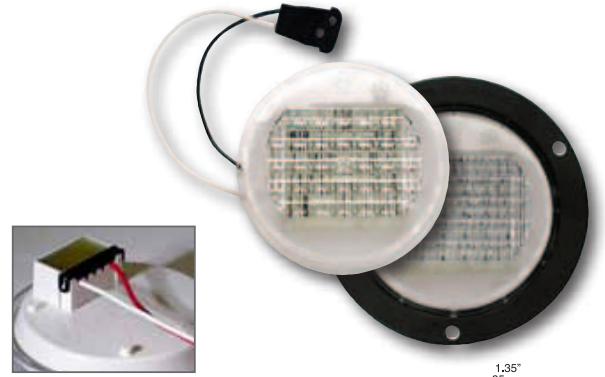
417C-1 / 418C-1 LED Single-Diode Back-Up Light

1 diode

- Single high-output Great White® LED.
- Special optics for proper light dispersal.
- Fits standard 4" round grommet.
- Single light meets FMVSS 108 and ECE req. when properly mounted.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design.
- Available with molded adapter plug.

Order No.	Description	Pack	Std Carton
M417C-1	grommet mount	mfg. pack	50
M417C-1AMP	grmmt w/AMP hardshell	mfg. pack	50
M417C-1P	grommet mount w/plug	mfg. pack	50
M418C-1	flange mount	mfg. pack	50
M418C-1P	flange mount w/plug	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100

MADE IN USA · HARD WIRED · MV Multi-Volt 12V & 24V · REG Voltage Regulated · ECE & DOT

0.75" 19 mm · 4.25" 108 mm · 0.5" 13 mm · 4.25" 108 mm · 5.50" 140 mm · 4.50" 115 mm
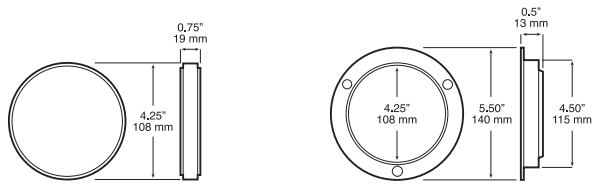
420H/VC-1 & 423H/VC-1 LED Single-Diode Back-Up Light

1 diode

- Single high-output Great White® LED.
- Special optics for proper light dispersal.
- Available to fit standard oval grommet, or with integral flange.
- A single light meets FMVSS 108 and ECE requirements when properly mounted.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design with molded adapter plug.

Order No.	Description	Pack	Std Carton
M420HC-1AMP	horiz. w/hardshell conn.	mfg. pack	50
M420HC-1P	horizontal mount w/plug	mfg. pack	50
M420VC-1P	vertical mount w/plug	mfg. pack	50
M423VC-1P	flange, vertical w/plug	mfg. pack	50
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100

MADE IN USA · HARD WIRED · MV Multi-Volt 12V & 24V · REG Voltage Regulated · ECE & DOT

Different versions available for either horizontal or vertical mounting.

4.00" 100 mm · 3.63" 92 mm · 3.00" 76 mm · 7.88" 200 mm · 0.88" 22 mm · 2.25" 57 mm · 6.50" 165 mm · 0.875" 23 mm

LED

LED
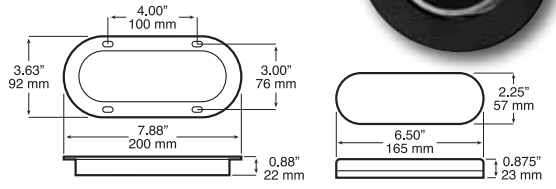
NEW!
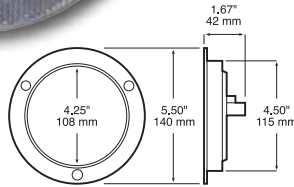
7 diodes

LumenX

MADE IN USA

REG Voltage Regulated

INTEGRAL REFLEX BELTEX

829-7 *LumenX*® LED
4" Round Back-Up Light w/ Reflex

- Optically advanced design fully illuminates lens.
- Industry-standard PL3 socket integrated into housing.
- Single light meets FMVSS 108 requirements when properly mounted.
- Flange with reflector optics integrated into housing, provides auxiliary reflex function.
- See M829R-7 for stop & tail companion model.
- 9-16 volt operating range.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- Does not require "Top" positioning to meet FMVSS 108 standard.
- Includes protective gasket.

1.67" 42 mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

Order No.	Description	Pack	Std Carton
M829C-7	flange mount with reflex	mfg. pack	50
431-49	plug	poly pack	12
B431-49	plug	mfg. pack	100
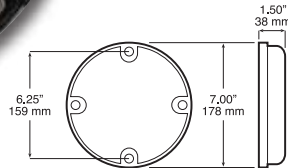
20 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

717C
7" Back-Up/Dome Light

Great White®

- 7-inch size is popular for bus and transit use, or as utility/dome light.
- Meets DOT requirements in any 360° orientation when used in pairs.
- 9–32 volt operating range.
- Hardwired leads are terminated with .180 male bullet and ring terminal for ground.
- Matching red stop/turn/tail light available on page 16.
- Matching amber turn signal available on page 39.

1.50" 38 mm
6.25" 159 mm
7.00" 178 mm

Order No.	Description	Pack	Std Carton
717C	surface mount	mfg. pack	20
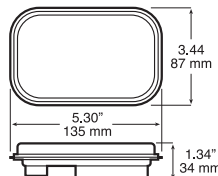
20 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

850C
LED Rectangular Back-Up Light

Great White®

- Two versions available for mounting in either horizontal or vertical orientation.
- Meets DOT & ECE requirements when mounted as specified.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- 12-inch or 6½-foot hardwired stripped leads
- 850C-1P has hardwired PL3 plug.

3.44" 87 mm
5.30" 135 mm
1.34" 34 mm

Order No.	Description	Pack	Std Carton
850C	vertical, 6½' leads	mfg. pack	10
850C-AMP	vertical, 12' leads w/ AMP plug	mfg. pack	10
850C-BT2	vertical, 12' leads w/ .180 bullets	mfg. pack	10
850C-1P	vertical, 12" leads, with plug	mfg. pack	10
850C-1	vertical, 12" leads	mfg. pack	10
850HC	horizontal, 6½-foot leads	mfg. pack	10
850HC-1	horizontal, 12" leads	mfg. pack	10
B850-18	rubber grommet	mfg. pack	100

392
Back-Up Light

- Popular, OEM styling permits numerous applications
- Features chrome-plated bezel, tough polycarbonate lens, and single lead wire for electrical connection.
- Requires only 3/4" mounting hole and mounts on 1 7/8" centers.

VIZ PACK

Order No.	Description	Pack	Std Carton
V392C	clear kit	Viz Pack	6
M392C	clear	mfg, pack	60
392-25C	replacement lens	poly pack	10
411-07	replacement pigtail	poly pack	25
1156	replacement bulb		
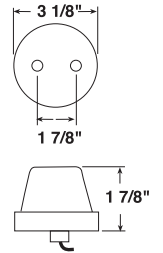
393
Back-Up Light

- Rectangular, bulb-replaceable back-up light.
- Features tough polycarbonate lens and unique pillow optics that allow maximum light output.
- Grounds through mounting screws with single lead wire for electrical connection.
- Matches 306A or 393A turn signal and 306R stop/turn/tail light.

MADE IN USA

Order No.	Description	Pack	Std Carton
M393C	clear	poly pack	48
306-25C	replacement lens	poly pack	10
411-07	replacement pigtail	poly pack	25
1141	replacement bulb		
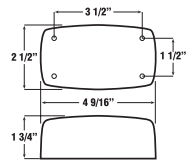
411
4" Round Flanged Back-Up Light

- Single-wire, flush-mount 4" round back-up light
- 411C features black polycarbonate housing
- 411SC features stainless steel housing and retainer ring
- Fits in 4 1/2" hole and secures with three screws or rivets

MADE IN USA

Order No.	Description	Pack	Std Carton
M411C	clear	mfg. pack	48
M411SC	clear, stainless steel housing	mfg. pack	48
410-21	galvanized retainer ring	poly bag	25
425S-21	SS retainer ring	poly bag	25
411-24	mounting gasket	poly pack	10
411-07	replacement pigtail	poly pack	25
414-15C	replacement lens	poly pack	10
1156	replacement bulb		

M411SC   M411C

MADE IN USA

✓ LED LED Version Available

LONG LIFE BULB

ECE & DOT
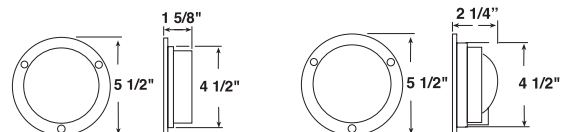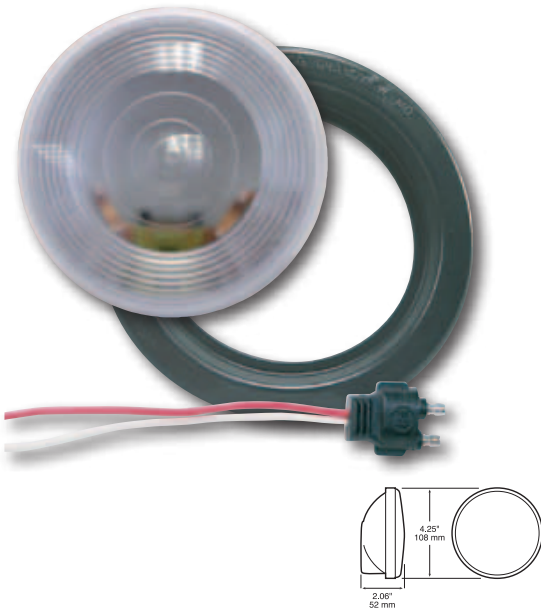
415/431 Sealed
4" Round Back-Up Light

- Available with standard bulb (431) or long life krypton bulb (415).
- Requires mounting grommet and 2-wire plug for installation.
- Kits include light, grommet, and plug.
- See 426A turn signal, and 426R stop/turn/tail companion models.
- Equipped with dual filament, 2.10 amp, 32 cp bulb.
- 415 series features long-life krypton bulb.
- Can be used with 3-wire plug to provide accessory low-light function.
- See LED versions on pages 89–90.

Order No.	Description	Pack	Std Carton
415	clear, long-life bulb	poly pack	12
415K	clear kit, long-life bulb	poly pack	12
M415	clear, long-life bulb	mfg. pack	48
M431C	clear	mfg. pack	50
M431KC	clear kit	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
431-49	plug	poly pack	12
B431-49	plug	mfg. pack	100

4.25"
108 mm

2.06"
52 mm

VIZ PACK

MADE IN USA

✓ LED LED Version Available

⚡24 24 Volt Version

ECE & DOT

416 Sealed
Oval Back-Up Light

- Meets DOT requirement in either horizontal or vertical position.
- Polycarbonate lens welded to housing to form single unit.
- Requires mounting grommet and 2-wire plug for installation.
- "24V" denotes 24-volt light.
- 416K kit include light, grommet, and right-angle plug.
- 12-volt lamps designed with dual filament, 2.1 amp, 32 cp bulb.
- Can be used with 3-wire plug to provide accessory low-light function.
- See LED versions on page 91–92.

Order No.	Description	Pack	Std Carton
416	clear	poly pack	12
416K	clear kit	poly pack	12
416-24V	clear, 24-volt	poly pack	12
M416	clear	mfg. pack	48
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
421-49	right angle plug	poly pack	12
B421-49	right angle plug	mfg. pack	100

6 1/2"
2 1/4"
2 3/8"

INTEGRAL REFLEX
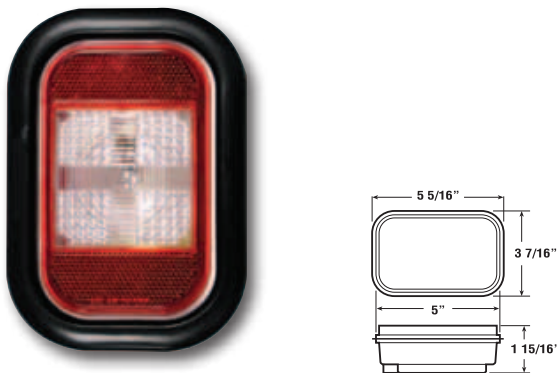
450C Sealed
Back-Up Light w/ Red Reflex

- Sealed, 3"x 5" clear back-up light surrounded by red reflex.
- Fits competitive rectangular lights fitted to commercial vehicles.
- Kit includes light, grommet, and plug.
- Can be matched with 450R red S/T/T light and 450A turn signal.

Order No.	Description	Pack	Std Carton
450KC	clear kit w/ red reflex	poly pack	20
M450C	clear w/ red reflex	mfg. pack	50
B450-18	grommet	mfg. pack	100
421-49	plug	poly pack	12
B421-49	plug	mfg. pack	100

5 5/16"
3 7/16"
5"
1 15/16"

LED

153CTP LED
Vehicle System Monitoring Light

Great White

1 diode

DEFENDER APPROVED

HARD WIRED

NEW!

- Three-wire connection for test and indicator functions.
- Lights only when activated by monitored circuit. Perfect for tire pressure monitoring systems.
- Power-on self-test function lights lamp for approximately 30 seconds when power is initially applied.
- 9–16 volt operating range.
- Leads terminated with .180 bullets.
- Fits 150-095, 150-097, 150-14, 150-141, 150-142 and 150-143 brackets (See pages 169–170).

1.19" 30 mm
2.50" 64 mm
0.88" 22 mm
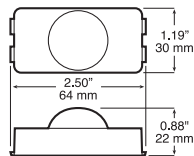
Order No.	Description	Pack	Std Carton
153CTP-BT3	white w/ .180 bullets	poly pack	6
M153CTP-BT3	white w/ .180 bullets	mfg. pack	50
150-095	mounting bracket	poly pack	12
B150-095	mounting bracket	mfg. pack	100
See pages 169–170 for additional mounting options.			

186CTP *LumenX*® Dot XL™ LED
Vehicle System Monitoring Light

Great White

1 diode

LumenX

DEFENDER APPROVED

MADE IN USA

HARD WIRED

MV Multi-Volt 12V & 24V

NEW!

- White diode with SAE J575e compliant quad-flash strobe function.
- Three-wire connection for test and indicator functions.
- Power-on self test function lights for approx. 10 seconds when power is first applied.
- Strobe light function is activated by monitored circuit. Perfect for tire pressure monitoring systems.
- 9–32 volt operating range.
- Leads terminated with .180 bullets.
- 1 3/8" dia., mounts in 3/4" mounting hole with included grommet.
- Optional brackets for surface mounting available separately.

0.75" 19 mm
1.33" 34 mm
0.60" 15 mm

Order No.	Description	Pack	Std Carton
M186CTP-BT3	white w/ .180 bullets	mfg. pack	50
B186-10	flat bracket	mfg. pack	100
B186-13	curved bracket	mfg. pack	100

LED

1 diode

VIZ PACK

DEFENDER APPROVED

HARD WIRED

MV Multi-Volt 12V & 24V

ECE & DOT

153C LED
Utility & License Light

- Meets FMVSS 108 and ECE requirements.
- Also suitable for use as compartment or utility light.
- 9-32 volt operating range.
- 153C-P terminated with 2-wire female plug for easy installation.
- 153C-BT2 and 153C-BT236 terminated with .180 bullets.
- M153C-MV-PKD terminated with Packard-style hardshell connector.
- V153KC-MV Viz Pack kit includes light and 150-095 bracket.
- 153KC-BT236 includes light and 150-14 hooded bracket.
- Fits 150-095, 150-097, 150-14, 150-141, 150-142 and 150-143 brackets (See pages 169–170).
- 153C-142 kit includes M153C-MV and B150-142 bracket.
- 153C-143 kit includes M153C-MV and B150-143 bracket.
- 153C-JAMP includes an AMP-compatible connector and 12" jacketed lead.

Great White
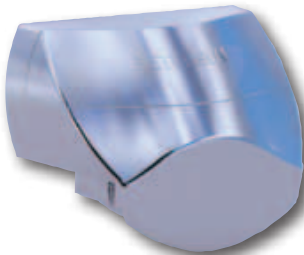
153C-142 kit

153C-143 kit
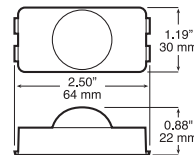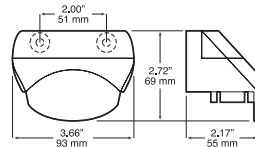
153C-142 & 153C-143 kits include light plus chrome or black hooded bracket.
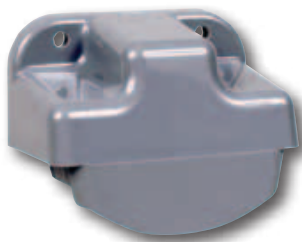
V153KC-MV kit includes light plus 150-14 hooded bracket
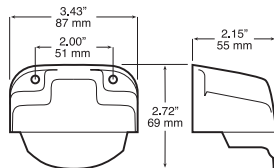
V153KC-MV kit includes light plus 150-095 bracket
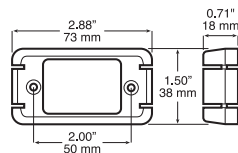
Order No.	Description	Pack	Std Carton
V153KC-MV	white kit	Viz Pack	6
153C-P	white w/ plug	poly pack	6
153C-BT2	white w/ .180 bullets	poly pack	6
153C-BT236	white w/ .180 bullets, 36" leads	poly pack	6
153KC-BT236	kit w/ bullets, 36" leads, bracket	poly pack	6
153C-142	white kit w/ black bracket	poly pack	6
153C-143	white kit w/ chrome bracket	poly pack	6
M153C-MV	white	mfg. pack	50
M153C-P	white w/ plug	mfg. pack	50
M153C-BT2	white w/ .180 bullets	mfg. pack	50
M153C-BT236	white w/ .180 bullets, 36" leads	mfg. pack	50
M153C-JAMP	w/ jacketed AMP connector	mfg. pack	50
M153C-MV-P	white w/ plug	mfg. pack	50
M153C-MV-PKD	white w/ hardshell connector	mfg. pack	50
150-095	mounting bracket	poly pack	12
B150-095	mounting bracket	mfg. pack	100

See pages 169–170 for additional mounting options.

168C Great White® LED Mini Utility Light

2 diodes

HARD WIRED

- LED utility, interior, compartment, courtesy or auxiliary light.
- Not for use as legally-required marker or license light.
- Two Great White® LEDs provide brilliant white light.
- 9-16 volt operating range.
- Mounts on 1-15/16" centers
- Optional bracket allows for mounting on 1-15/16" or 1-1/8" centers.
- Mounting gasket, bracket, or chrome bezel available separately.

Order No.	Description	Pack	Std Carton
168C	white	poly pack	12
M168C	white	mfg. pack	50
B168-09	black bracket	mfg. pack	100
B168-10	chrome bezel	mfg. pack	100
B168-18	mounting gasket	mfg. pack	100
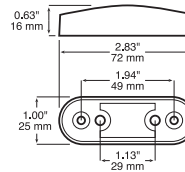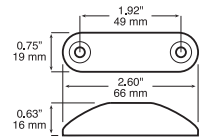
168-09
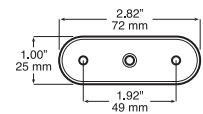
168-18

171 LED Great White® LED Dot Light™ 1-Diode Utility Light

1 diode

VIZ PACK

MADE IN USA

HARD WIRED

- Fits 3/4" hole.
- Black rubber grommet Included.
- 9-16 volt operating range.
- Stripped, hardwired leads.

Order No.	Description	Pack	Std Carton
V171C	white	Viz Pack	6
171KC	white kit	poly pack	6
M171C	white	mfg. pack	50
M171C-BT2	white w/ .180 bullets	mfg. pack	50

Actual Size
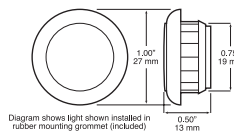
Diagram shows light shown installed in rubber mounting grommet (included)

178W Great White® LED Oval Dome & Utility Light

4 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

- Can be surface mounted almost anywhere as a courtesy or dome light.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired with separate lead and ground wires.
- Totally waterproof.
- Mounts on 4" centers.
- Optional chrome bezel available.

B178-10 Bezel

Order No.	Description	Pack	Std Carton
M178W-MV	clear	mfg. pack	50
B178-10	chrome bezel	mfg. pack	100

LED
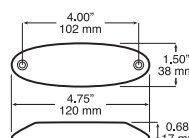
NEW!
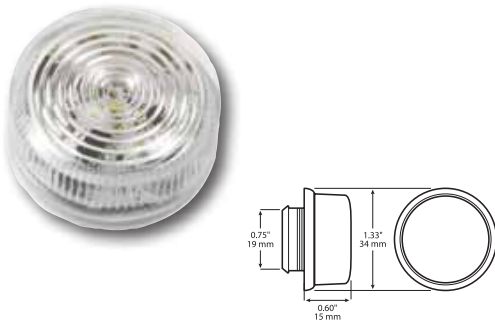
1 diode

LumenX

MADE IN USA

HARD WIRED

186W *LumenX®* Dot XL™ LED Utility Light

Great White.

- 1-3/8" diameter, single-diode LED utility light.
- Mounts in 3/4" diameter hole.
- Lens is welded to housing to form single rugged unit.
- Hardwired design with two .180 bullet-terminals.
- 9-16 voltage operating range.
- Rubber grommet included.

0.75" 19 mm | 1.33" 34 mm | 0.60" 15 mm

Order No.	Description	Pack	Std Carton
M186W-BT2	white	mfg. pack	50

NEW!
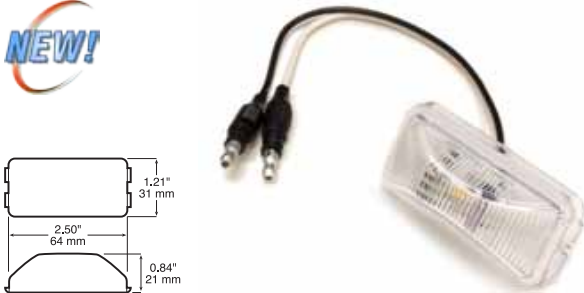
1 diode

MADE IN USA

HARD WIRED

250W Single Diode LED Utility Light

Great White.

- Single-diode LED utility light.
- Lens is welded to housing to form single rugged unit.
- Hardwired design with two .180 bullet-terminals.
- 9-16 voltage operating range.

1.21" 31 mm | 2.50" 64 mm | 0.84" 21 mm

Order No.	Description	Pack	Std Carton
M250W-BT2	white	mfg. pack	50
B150-095	surface mount bracket	mfg. pack	100
B150-18	rubber grommet	mfg. pack	100

COMING SOON
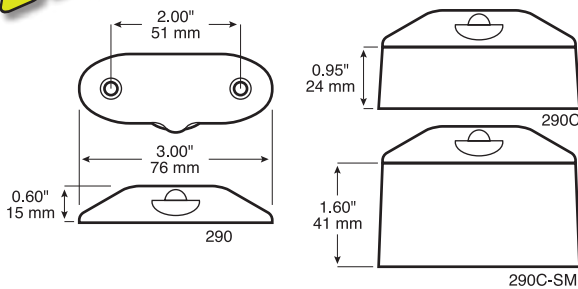
1 diode

MADE IN USA

HARD WIRED

290 Single Diode LED License & Utility Light

Great White.

- Compact, efficient design.
- Advanced optics for bright, even illumination.
- Surface-mounts on 2" centers.
- Available with two different spacers for top or side mount installation.
- Also available without spacer for use as low-profile utility light.

2.00" 51 mm | 3.00" 76 mm | 0.60" 15 mm | 290 | 0.95" 24 mm | 290C | 1.60" 41 mm | 290C-SM

Order No.	Description	Pack	Std Carton
290	utility light	poly pack	12
290C	license light, top mount	poly pack	12
290C-SM	license light, side mount	poly pack	12
M290	utility light	mfg. pack	50
M290C	license light, top mount	mfg. pack	50
M290C-SM	license light, side mount	mfg. pack	50
290-09	spacer bracket, top mount	mfg. pack	12
290-091	spacer bracket, side mount	mfg. pack	12

NEW!

1 diode

MADE IN USA

DEFENDER APPROVED

HARD WIRED

291C Single Diode LED 3/4" License Light

Great White.

- Compact single diode design fits 3/4" hole.
- A single light meets DOT requirements when mounted properly above or at side of the license plate.
- Features theft deterrent locking ring.
- 9-16 voltage operating range.
- Available with 8" stripped leads or 36" leads with double .180 bullets.
- Includes mounting grommet.

1.00" 27 mm | 0.75" 19 mm | 0.50" 13 mm

Order No.	Description	Pack	Std Carton
M291C-BT2	stripped 8" leads	mfg. pack	100
M291C-BT236	36" leads w/ .180 bullets	mfg. pack	100

294 LED
License & Utility Light

Great White.

4 diodes

VIZ PACK

HARD WIRED

MV Multi-Volt 12V & 24V

ECE & DOT

- Durable, low amp draw LED design with hardwired leads.
- Includes mounting pad.
- M294C includes spacer (shown in photo) for use as legal license light and 2" (50 mm) mounting screws.
- A single M294C w/ spacer meets DOT requirements mounted above or to the side of license plate.
- V294 & M294 include 0.6" (15 mm) screws.
- V294, M294 & M294-MV for use as utility light only.

Order No.	Description	Pack	Std Carton
V294	utility light	Viz Pack	6
294	utlity light	poly pack	12
M294C	license light w/ spacer	mfg. pack	50
M294C-BT2	license light w/ .180 bullets	mfg. pack	50
M294C-PKD	license light w/ Packard plug	mfg. pack	50
M294	utility light	mfg. pack	50
M294-BT2	utility light w/ .180 bullets	mfg. pack	50
M294-MV	utility light, multi-volt	mfg. pack	50
294-09	spacer bracket	mfg. pack	12

2.05" 52 mm
1.17" 30 mm
2.53" 64 mm
0.90" 23 mm
1.31" 33 mm

296 LED
License Light

Great White.

2 diodes

VIZ PACK

HARD WIRED

ECE & DOT
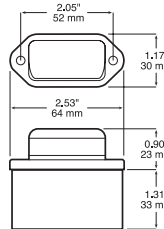
- Durable, low amp draw LED design with hardwired leads & metal base.
- Specially-designed optics for optimal light dispersal.
- A single unit meets DOT requirements when mounted above license plate.
- Requires two lights to meet DOT requirements when mounted to side of license plate.
- "XC" version features attractive chrome finish.

Order No.	Description	Pack	Std Carton
V296XC	chrome	Viz Pack	6
M296C	black	mfg. pack	50
M296XC	chrome	mfg. pack	50
M296C-PKD	black with Packard plug	mfg. pack	50

296C

296XC

2.25" 57 mm
4.00" 102 mm
1.63" 41 mm
3.50" 89 mm

298 LED
License & Utility Light

Great White.

4 diodes

VIZ PACK

HARD WIRED

ECE & DOT
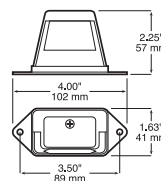
- Durable, low amp draw LED design with hardwired leads.
- Requires two lights to meet DOT requirements.
- Also suitable for utility courtesy light applications.
- Hardwired leads.
- Durable, attractive chrome finish.

Order No.	Description	Pack	Std Carton
V298C	chrome	Viz Pack	6
298C	chrome	poly pack	12
M298C	chrome	mfg. pack	20
M298C-BT2	chrome w/ .180 bullets	mfg. pack	20

1.50" 38 mm
1.69" 43 mm

LED
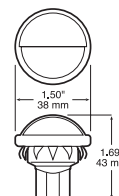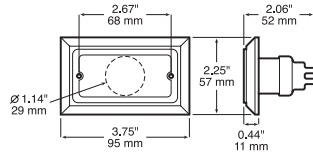
126
Compact Courtesy Light

- Rectangular interior, compartment, courtesy, or general illumination utility light with chrome-plated ABS housing.
- Mounts on 2 11/16" centers using lens screws as mounting hardware.
- Twist-in socket assembly contains both lead wire and ground wire for mounting on all surfaces.
- Requires 1 1/4" socket mounting hole for installation.

Order No.	Description	Pack	Std Carton
M126C	clear, chrome	mfg. pack	96
126-25C	replacement lens	poly pack	10
193	replacement bulb		

138
Double Bulls-Eye Utility Light
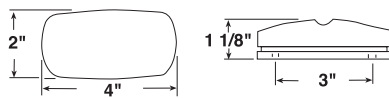
- Popular two-bulb light designed for various utility uses.
- Acrylic lens snaps onto housing.
- Surface mounts on 3" centers.
- Unit has single lead wire for electrical connections and grounds through mounting screws.

Order No.	Description	Pack	Std Carton
M138C	clear	mfg. pack	100
B138-15C	replacement lens	bulk pack	100
193/194	replacement bulb		

146 Sealed
2" Utility Light
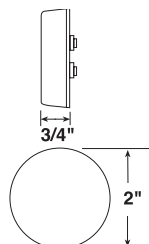
- Popular 2" clear light is perfect as general illumination utility light.
- High impact resistant lens welded to the housing to form single sealed unit.
- Features 15,000-hour-rated long-life bulb.
- Requires grommet and 2-wire plug to complete installation.
- See mounting accessories for additional mounting options.

Order No.	Description	Pack	Std Carton
M146C	clear	mfg. pack	100
146-18	grommet	poly pack	12
B146-18	grommet	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

150 Sealed
License Plate/Utility Light

- High impact resistant lens and housing are welded into single unit for maximum protection.
- Side of 150C lens painted to meet license illuminator requirements.
- 150W has clear lens for utility use only.
- Interchangeable with competitive units.
- Requires mounting bracket and plug to complete installation.
- See pages 169–170 for additional mounting options.
- See 153C LED version on page 98.

Order No.	Description	Pack	Std Carton
150C	clear/painted	poly pack	12
M150C	clear/painted	mfg. pack	100
M150W	clear	mfg. pack	100
150-09	gray bracket	poly pack	12
B150-14	gray license light bracket	mfg. pack	100
B150-141	black license light bracket	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

150-09 mounting bracket

1.20" 30 mm
2.48" 63 mm
0.84" 21 mm
Female .156" (4 mm) terminals
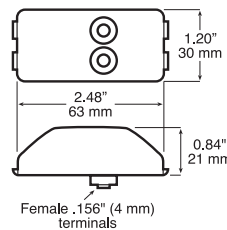
150-141 mounting bracket

154 Sealed
License Plate/Utility Light

- Polycarbonate lens and housing welded into single unit for maximum protection.
- Same quality features as 150C in two-bulb design.
- Requires mounting bracket and plug to complete installation.
- See page 171 for mounting options.

Order No.	Description	Pack	Std Carton
154C	clear/painted	poly pack	24
M154C	clear/painted	mfg. pack	100

1.20" 30 mm
3.91" 99 mm
0.84" 21 mm
Male terminals
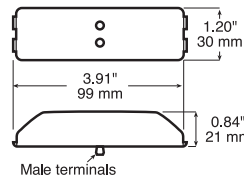
154-09K mounting bracket

394C
Step Well Utility Light

- Features chrome-plated brass housing and hood.
- Durable neoprene mounting pad.
- Polycarbonate lens.
- Perfect utility light for bus or RV applications.
- May be mounted vertically or horizontally.
- Includes single lead wire and grounds through mounting screws.

Order No.	Description	Pack	Std Carton
M394C	clear, with hood	mfg. pack	50
1141	21 cp replacement bulb		

2 3/8"
3 11/16"
2 3/16"
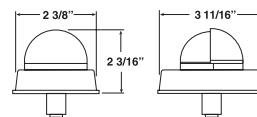
400
License Plate Light

- Features our patented Vibar® socket and single lens screw for easy bulb replacement.
- Meets DOT requirements when mounted above license plate.
- Polycarbonate lens and ABS housing provide protection against damage and all internal parts are corrosion-resistant.
- Surface mounts with two screws on 1 3/4" centers.
- Grounds through the mounting screws.
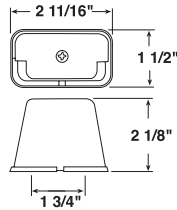
Order No.	Description	Pack	Std Carton
400	clear	poly pack	24
M400	clear	mfg. pack	48
168	replacement bulb		

434
Mini Utility / Courtesy Light

- Features bright metal housing with hooded shield to prevent upward glare.
- Surface mounts with two stainless-steel screws on 2" centers.
- Separate ground wire for non-metallic surfaces.
- See 294 LED version on page 101.
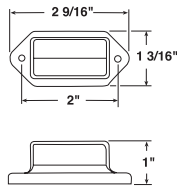
Order No.	Description	Pack	Std Carton
V434	clear	Viz Pack	6
M434	clear	mfg. pack	100
193/194	replacement bulb		

435
Chrome License Plate Light

- Features chrome-plated steel housing and mounting bracket.
- Traditional style, bulb-replaceable light surface mounts on 2" centers and grounds through mounting screws.
- Interchangeable with competitive models.
- Meets FMVSS108 requirements when used in pairs. Lights must be mounted 2"–3" above license plate, 6" apart.
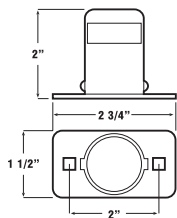
Order No.	Description	Pack	Std Carton
V435	clear	Viz Pack	6
435	clear	poly pack	24
M435	clear	mfg. pack	48
67	replacement bulb		

436
License Plate Light

- Features our patented Vibar® socket, tough polycarbonate lens, and ABS hood.
- All internal parts are durable stainless-steel or tinned-brass
- Surface mounts on 3 1/4" centers.
- 436B includes a black powder-coated, steel license plate bracket riveted to light.
- 436B-P includes black polypropylene bracket riveted to light; has separate ground wire.
- 436 and 436B ground through mounting hardware.
- See 296 LED version on page 101.

VIBAR SOCKET

MADE IN USA

✓ LED LED Version Available
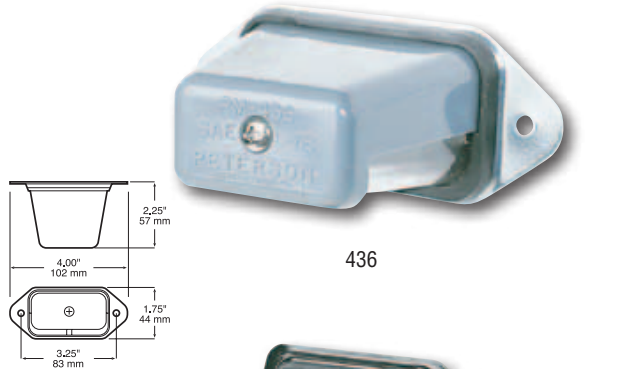
436
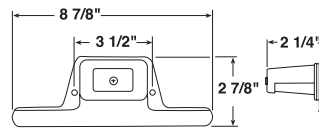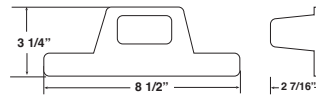
436B

436B-P

Order No.	Description	Pack	Std Carton
436	clear	poly pack	24
M436	clear	mfg. pack	48
M436B	clear with steel bracket	mfg. pack	24
M436B-P	clear with poly bracket	mfg. pack	24
436-25	replacement lens	poly pack	10
436-01	gray housing	poly pack	24
168	replacement bulb		

436X Chrome, Stud-Mount
License Plate Light

- Features our patented Vibar® socket and single lens screw for easy bulb replacement.
- Chrome-plated version of 436 light with stud mount.
- Ideal as replacement light for foreign car license illuminators or for customizing trucks, vans, and trailers.
- Single lead wire for electrical connection; grounds through mounting bolts.

VIZ PACK

VIBAR SOCKET

MADE IN USA
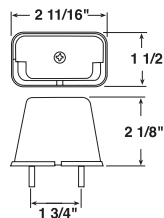
Order No.	Description	Pack	Std Carton
V436SX	clear	Viz Pack	6
436SX	clear	poly pack	24
436-25	replacement lens	poly pack	10
168	replacement bulb		

VIZ PACK
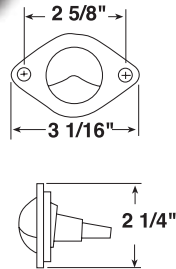
437
Chrome License Plate/Utility Light

- Features chrome-plated hood, steel housing, and polycarbonate lens.
- 437 includes single lead wire with molded .156 bullet terminal and grounds through mounting hardware.
- Similar to styling on some GM vehicles.
- Requires 2" mounting hole.
- Two units required for legal license illumination.

2 5/8"
3 1/16"
2 1/4"

Order No.	Description	Pack	Std Carton
V437	clear	Viz Pack	6
M437	clear	mfg. pack	48
67	replacement bulb		

VIZ PACK

✓**LED**
LED Version Available
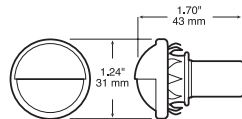
432 Chrome / 438 Sealed Chrome
License Plate/Utility Light

- Chrome-plated steel light snaps into 1 1/4" diameter hole (overall diameter is 1 1/2").
- Commonly used to illuminate license plate on step bumpers.
- Two units required for legal license illumination.
- Also serves as perfect interior, compartment, courtesy, or general illumination utility light.
- 438 series is sealed with single 5.5" lead wire.
- 432 series is bulb replaceable with twist-in rubber socket and dual 14" lead wires.
- See 298 LED version on page 101.

1.70"
43 mm
1.24"
31 mm

Order No.	Description	Pack	Std Carton
V432	clear, bulb replaceable	Viz Pack	6
V438	clear, sealed	Viz Pack	6
438	clear, sealed	poly pack	24
M432	clear, bulb replaceable	mfg. pack	50
M438	clear, sealed	mfg. pack	100
168	replacement bulb		

MADE IN USA

MARINE RECOM-MENDED
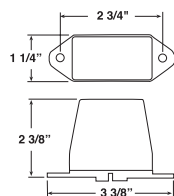
439 Sealed
License Plate Light

- Popular style sealed, surface mount license light.
- Polycarbonate lens and housing are sonic welded for water-tight seal.
- Mounts on 2 3/4" centers.
- Requires 142-49 plug for electrical connection.
- 439B unit includes black polypropylene bracket riveted to light.

439
439B

2 3/4"
1 1/4"
2 3/8"
3 3/8"
2 9/16"
3 1/4"
8 1/2"
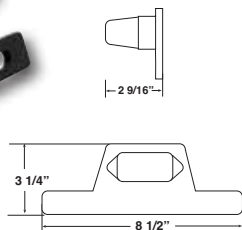
Order No.	Description	Pack	Std Carton
M439	clear	mfg. pack	48
M439B	clear with bracket	mfg. pack	24
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

359 Great White® LED Dome / Interior Light

- Available in 6", 12" and 18" lengths.
- More effective light distribution than recessed dome lights.
- No mounting pan needed, so the R-value of insulated cargo areas is not reduced.
- Easy and versatile surface screw mounting on any vertical or horizontal surface.
- Multi-volt design is compatible with both 12V and 24V systems.
- 3.5" lead wires are available stripped or terminated with .180 bullets.
- Integral molded seal resists dust, moisture and vapors.
- Accessory cove molding facilitates easy wiring for retrofits.
- Optional timer switch available separately; see page 210.

4/6/12 diodes

MADE IN USA

HARD WIRED

MV Multi-Volt 12V & 24V

300 to 1,000 Lumens

PATENT PENDING

NEW!

Engineering tests illustrate how ineffectively the traditional arrangement of recessed ceiling dome lights illuminate this 53' insulated reefer trailer.

The same trailer with our new 359-3 lights installed is much more efficiently lit, despite lower costs up front and over the life of the trailer.

SEALED Suitable for exterior use

Scan with smartphone to learn more!

Mounts easily to horizontal or vertical surfaces, or fits in corners using either screws or available snap-in channel clip (sold separately).

1.18" 30 mm — 7.69" 195 mm

359-1

1.18" 30 mm — 13.69" 348 mm

359-2

1.18" 30 mm — 19.69" 500 mm

359-3, 359-4

The 18-inch version is available with wires at both ends for daisy-chaining multiple lights together.
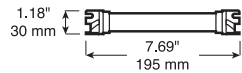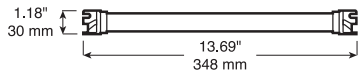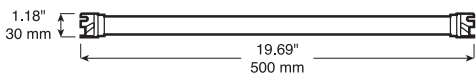
Order No.	Description	Lumens	Pack	Std Carton
359-1	6" long, stripped leads	300	poly pack	12
359-2	12" long, stripped leads	400	poly pack	12
359-3	18" long, stripped leads	1000	poly pack	12
M359-1	6" long, stripped leads	300	mfg. pack	50
M359-2	12" long, stripped leads	400	mfg. pack	50
M359-3	18" long, stripped leads	1000	mfg. pack	50
M359-3-BT2	18" long, .180 bullets	1000	mfg. pack	50
M359-4	18" long, dual-end stripped leads	1000	mfg. pack	50
M359-4-BT2	18" long, dual-end .180 bullets	1000	mfg. pack	50
B359-10	snap-in channel clip		mfg. pack	100

See page 210 to learn more about our 5600 series timer switch – the perfect companion to our 359 series lights!

LED

NEW!

1200 Lumens

17.45" 443 mm
6.80" 173 mm
4.00" 102 mm
5.75" 146 mm
4.79" 112 mm
18.23" 463 mm
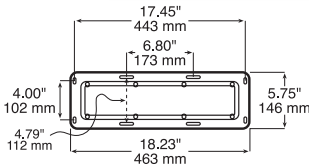
10 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

360 Great White® LED Rectangular Dome/Interior Light

- LED dome and interior light is perfect for dry van trailer applications.
- Mounts flush; thin design extends only 0.86" below mounting surface.
- 9-32 volt operating range.
- Fully potted circuit board.
- Available with polycarbonate or aluminum housing.
- Hard-wired with dual 8" long, 14 ga. stripped leads.

Order No.	Description	Pack	Std Carton
M360-1	polycarbonate, stripped leads	mfg. pack	1
M360	aluminum housing, stripped	mfg. pack	10
M360-BT2	aluminum, .180 bullets	mfg. pack	10

NEW!

1200 Lumens

17.45" 443 mm
6.80" 173 mm
4.00" 102 mm
5.75" 146 mm
4.79" 112 mm
18.23" 463 mm
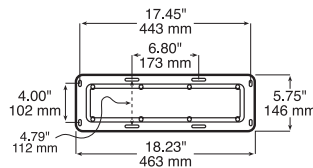
10 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

MOTION ACTIVATED

365 Great White® LED Motion Sensing Dome/Int. Light

- LED dome and interior light.
- Built-in motion sensor automatically activates light.
- Light stays illuminated for approx. 5 minutes unless new motion occurs.
- Mounts flush, thin design extends only 0.86" below mounting surface.
- 9-32 voltage operating range.
- Rugged aluminum housing and potted circuit board.
- Hardwired with dual 8.5" long, 14 gauge stripped leads or .180 bullet terminals.

Order No.	Description	Pack	Std Carton
M365	white, stripped leads	mfg. pack	10
M365-BT2	white, .180 bullets	mfg. pack	10

18/36/71 diodes

HARD WIRED

90 Lumens

362-1

180 Lumens

363-2

360 Lumens

364-1

362/363/364 Great White® LED Interior Strip Light

- Fully potted construction, yet very flexible.
- Installs easily with super-strong "press-in-place" adhesive backing.
- Available in 12", 24" & 47" lengths.
- "-2" versions have leads on both ends for daisy-chaining to 16' max.
- 9-16 voltage operating range.
- Perfect for aisle lighting and use in service bodies.
- Each manufacturer pack contains ten (10) strips per inner bag *except* M362-1-BT2, M364-1, M364-1-BT2 and M364-1PKD.
- Poly pack contains one strip per bag.

Order No.	Description	Pack	Std Carton
362-1	12" single lead wire	poly pack	10
362-2	12" lead wires on both ends	poly pack	10
363-1	24" single lead wire	poly pack	10
363-2	24" lead wires on both ends	poly pack	10
M362-1	12" single lead wire	mfg. pack	10
M362-1-BT2	12" single lead wire, .180 bullets	mfg. pack	100
M362-2	12" lead wires on both ends	mfg. pack	10
M363-1	24" single lead wire	mfg. pack	10
M363-1-BT2	24" single lead, .180 bullets	mfg. pack	10
M363-1PKD	24" single lead, Packard plug	mfg. pack	10
M363-2	24" lead wires on both ends	mfg. pack	10
M364-1	47" single lead wire	mfg. pack	6
M364-1-BT2	47" single lead, .180 bullets	mfg. pack	100
M364-1PKD	47" single lead, Packard plug	mfg. pack	100

361 Great White® LED Dome/Interior Light

6 diodes

VIZ PACK

HARD WIRED

75 Lumens

- 4" round, surface mount interior light.
- Polished, stainless-steel housing.
- Frosted lens removes for mounting.
- Hardwired with separate hot lead and ground wire.
- For interior use only.

4.00"
102 mm

0.50"
13 mm
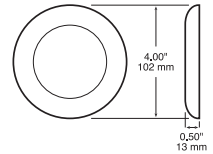
Order No.	Description	Pack	Std Carton
V361	white	Viz Pack	4
M361	white	mfg. pack	50

367 Great White® LED Dome/Interior Light

3 diodes

250 Lumens

- 5.5" x 3" rectangular heavy-duty interior light.
- Metal housing & clear lens.
- Sealed circuit board.
- Mounts on 4.75" centers.
- Hardwired with separate lead and ground wire.

4.75"
121 mm*

1.77"
45 mm*

2.75"
70 mm

5.75"
146 mm

0.91"
23 mm

*mounting hole locations in baseplate
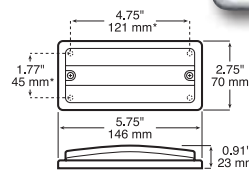
Order No.	Description	Pack	Std Carton
M367	white	mfg. pack	50

368 Great White® LED Dome/Interior Light

9 diodes

VIZ PACK

MADE IN USA

MV Multi-Volt 12V & 24V

400 Lumens

NEW!

- 5.8" x 2.8" rectangular LED dome and interior light.
- White plastic housing and clear lens.
- Separate lead and ground wires included.
- Available with stripped leads.
- Mounts on 4-11/16" (119 mm) centers.
- For interior use only.
- 9-32 voltage operating range.
- Replaces V366 series.

4.69"
119 mm

2.80"
70 mm

5.83"
148 mm

0.79"
20 mm
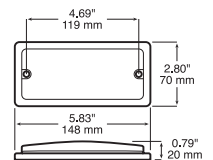
Order No.	Description	Pack	Std Carton
V368	white, stripped leads	Viz Pack	6
368	white, stripped leads	poly pack	12
M368	white, stripped leads	mfg. pack	50

369 Great White® LED Rotating Interior Light w/ Switch

24 diodes

VIZ PACK

HARD WIRED

135 Lumens

- 12" interior swivel rail light.
- Equipped with on-off switch.
- White plastic housing & clear lens.
- Hardwired with separate lead and ground wire.
- For interior use only.

1.06"
27 mm

11.73"
298 mm

0.98"
25 mm
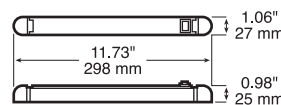
Order No.	Description	Pack	Std Carton
V369S	white	Viz Pack	4

LED

80 Lumens

1 diode

HARD WIRED

MV Multi-Volt 12V & 24V

2.95"
75 mm

3.86"
98 mm

1.70"
43 mm

0.86"
22 mm
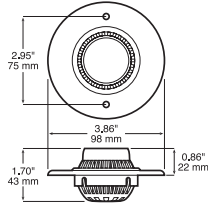
370 Great White® LED Interior Swivel Light

- Long-life LED design.
- Swivels to direct beam where needed.
- Low-glare reflector housing.
- Polished metal base.
- 10–30 volt operating range.
- Hardwired with Tyco Mate-N-Lok connector.

Order No.	Description	Pack	Std Carton
M370	round	mfg. pack	50

80 Lumens

1 diode

HARD WIRED

MV Multi-Volt 12V & 24V

371S w/switch shown

2.72"
69 mm

2.80"
71 mm

2.00"
51 mm

Switch Loc.
(371S)

3.54"
90 mm

1.70"
43 mm

0.86"
22 mm
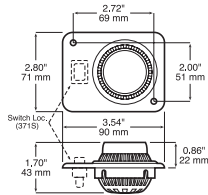
371 Great White® LED Interior Swivel Light

- Long-life LED design.
- Swivels to direct beam where needed.
- Low-glare reflector housing.
- Brushed-finish metal base.
- 10–30 volt operating range.
- Available with or without on/off switch.

Order No.	Description	Pack	Std Carton
M371	rectangular base	mfg. pack	50
M371S	rectangular w/switch	mfg. pack	50

65 Lumens
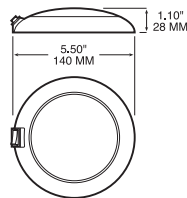
30 diodes

VIZ PACK

HARD WIRED

1.10"
28 MM

5.50"
140 MM

379 Great White® LED Dome/Interior Light w/ Switch

- 5.5" diameter round dome light.
- Equipped with on-off switch.
- White plastic housing & clear lens.
- Lens removes for mounting.
- For interior use only.

Order No.	Description	Pack	Std Carton
V379S	white	Viz Pack	4

70 Lumens

14 diodes

VIZ PACK

HARD WIRED

2.95"
75 mm

2.95"
75 mm

0.69"
18 mm

2.20"
56 mm
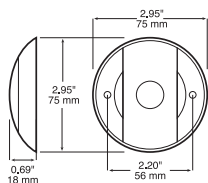
381 Great White® LED Dome/Interior Light

- Round dome light with black or chrome bezel
- General illumination for interior applications
- 9–16 volt operating range
- Two hardwired leads

Order No.	Description	Pack	Std Carton
V381X	chrome	Viz Pack	6
M381	black	mfg. pack	50
M381X	chrome	mfg. pack	50

388C Great White® LED Int/Ext Aisle & Utility Light

16 diodes

VIZ PACK

HARD WIRED

MV Multi-Volt 12V & 24V

- Includes bracket for surface mounting, or can be recess-mounted.
- 388C features Great White® diodes and black bracket.
- 388WB features blue diodes and white bracket; great for marine use!
- Optional chrome accessory bracket available.
- Recessed or surface mount LED strip light.
- Wires exit in center of light.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Low amp draw.
- Perfect for aisle lighting.

388WB

80 Lumens

Comes with custom surface-mount bracket, or can be flush-mounted without bracket

5.50" 140 mm
0.83" 21 mm
6.10" 155 mm
0.16" 4 mm
0.63" 16 mm
5.12" 130 mm
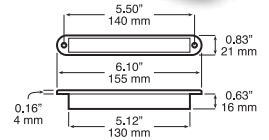
Optional B388-09X chrome bracket

Order No.	Description	Pack	Std Carton
V388C	white w/ black bracket	Viz Pack	6
V388WB	blue w/ white bracket	Viz Pack	6
M388C	white w/ black bracket	mfg. pack	10
M388WB	blue w/ white bracket	mfg. pack	10
B388-09X	chrome bracket	mfg. pack	50

397 LED Step Well Courtesy Light

3 diodes

MADE IN USA

HARD WIRED

MV Multi-Volt 12V & 24V

- Meets ADA requirements for step well lighting.
- Low profile, hardwired design is perfect for transit, bus & RV use.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Sealed circuit board with two hardwired leads.
- Includes mounting gasket, 3 mounting screws and 3 matching screw covers.

3.11" 79 mm
2.25" 57 mm
3.15" 80 mm
3.69" 94 mm
0.99" 25 mm
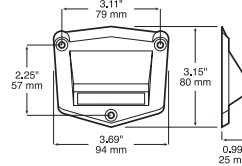
NEWLY UPDATED DESIGN!

Order No.	Description	Pack	Std Carton
M397C	black, stripped leads	mfg. pack	50

423W-4 Great White® LED Int/Ext Dome& Utility Light

10 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

- Features 10 bright Great White® diodes behind clear lens.
- Sealed lens and housing.
- 9–32 volt operating range works with both 12V and 24V systems.
- Hardwired design.
- Easy surface mounting.
- Attractive accessory chrome bezel available.

50 Lumens

6.30" 160 mm
7.50" 191 mm
3.25" 83 mm
2.75" 70 mm
7.00" 178 mm
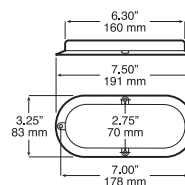
Order No.	Description	Pack	Std Carton
M423W-4	white	mfg. pack	50
B423-11	chrome bezel	mfg. pack	50

INCANDESCENT DOME & INTERIOR

2 bulbs

VIZ PACK

375/376
Interior Ceiling Lights

- Surface-mount, 12-volt ceiling lights.
- Durable plastic clear or frosted lens.
- Lens snaps securely into housing for easy bulb replacement.
- Features on/off switch.
- UL and CSA approved.
- Both models contain dual 6" lead wires.

5 5/8"
6 7/16"
1 3/4"
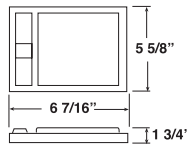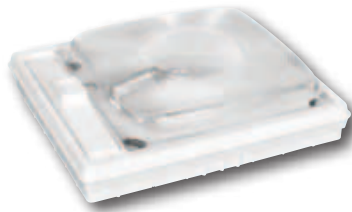
Order No.	Description	Pack	Std Carton
V375S	single frosted	Viz Pack	6
V376S	single clear	Viz Pack	6
375-15C	clear repl. lens	poly pack	25
375-15W	frosted repl. lens	poly pack	25
1003	replacement bulb		
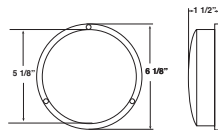
380
Interior Dome / Utility Light

- Surface-mount light perfect for dome or utility light applications.
- On/off rocker switch.
- White powder-coated metal housing.
- Polycarbonate lens is secured with three screws for easy bulb replacement.
- Includes two wires: .156 male bullet and .156 female plug.

1 1/2"
5 1/8"
6 1/8"

Order No.	Description	Pack	Std Carton
M380S	white light w/ switch	mfg. pack	50
380-25C	clear repl. lens	poly pack	10
1141	replacement bulb		
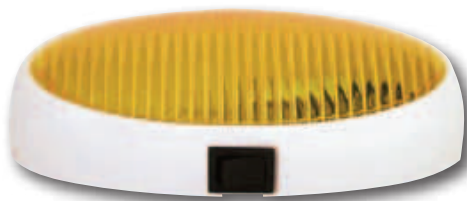
VIZ PACK

382/383
Euro-Style Oval Porch/Utility Lights

- Available with or without rocker switch.
- 382 features two 5.5" lead wires.
- 383 features two 8.5" lead wires.
- Viz Pack includes both clear and amber lenses.
- Polycarbonate lens is secured with three screws.
- CSA approved.
- Plastic base for corrosion-free service.

4.88"
124 mm
3.50"
89 mm
6.25"
159 mm
1.88"
48 mm
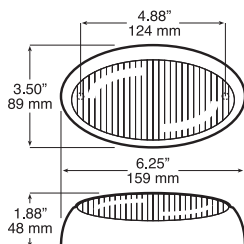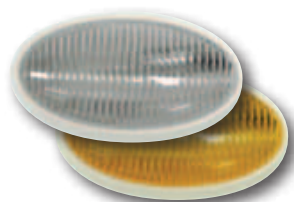
Order No.	Description	Pack	Std Carton
V382S	amber/clear w/ switch	Viz Pack	6
M382A	amber w/ switch	mfg. pack	50
M382C	clear w/ switch	mfg. pack	50
M383A	amber w/o switch	mfg. pack	50
M383C	clear w/o switch	mfg. pack	50
383-25C	clear repl. lens	poly pack	10
383-25A	amber repl. lens	poly pack	10
1141	replacement bulb		

384 / 385
Rectangular Porch / Utility Lights

- Surface mount porch or utility light available with or without switch.
- Snap-in lens allows for easy bulb replacement.
- Contains separate ground wire.
- Viz Packs include both clear and amber lenses.
- 384 series has polar white base.
- 385 series has colonial white base.

Order No.	Description	Pack	Std Carton
V384	polar white kit w/o switch	Viz Pack	6
V384S	polar white kit w/ switch	Viz Pack	6
V385S	colonial white kit w/ switch	Viz Pack	6
M385S	colonial w/ switch, clear lens	mfg. pack	50
384-15A	amber repl. lens	poly pack	10
384-15C	clear repl. lens	poly pack	10
93	replacement bulb		
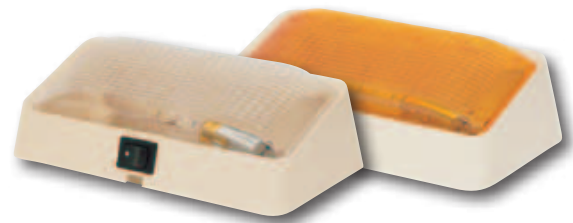
384 Polar White	385 Colonial White

6 3/8"
2 1/8"
3 1/2"
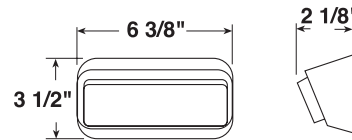
389
Dome Light

- Durable 12-volt interior dome light with switch.
- For bright general illumination.
- Plastic translucent lens snaps securely onto base.
- Aluminum base for corrosion-free service.
- Surface mounts with single lead wire for electrical connection.
- Grounds through mounting screw.

Order No.	Description	Pack	Std Carton
M389S	aluminum	mfg. pack	48
389-15C	replacement lens	poly pack	10
1141	replacement bulb		

6.00"
152 mm
Ø 5.36"
136 mm
1.38"
35 mm
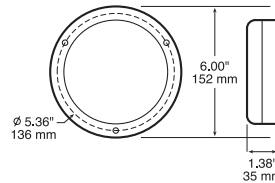
390
Dome Light

- Durable 12-volt interior dome light with switch.
- For bright general illumination.
- Plastic translucent lens snaps securely onto base.
- Plastic base for corrosion-free service.
- Surface mounts and grounds through base.
- Single lead wire supplied for electrical connection.
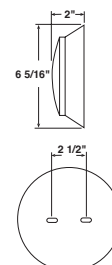
Order No.	Description	Pack	Std Carton
V390S	plastic	Viz Pack	6
M390S	plastic	mfg. pack	48
1141	replacement bulb		

2"
6 5/16"
2 1/2"

VIZ PACK

391
Interior Light

- Polycarbonate 12-volt interior dome light with nylon switch.
- For bright general illumination.
- Metal base surface mounts with screws on 3 1/2" centers.
- Separate ground and lead wires supplied for electrical connection.
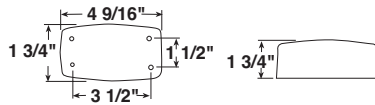
Order No.	Description	Pack	Std Carton
V391C	clear	Viz Pack	3
M391	clear	mfg. pack	48
391-25	replacement lens	mfg. pack	10
1141	replacement bulb		

395
Dome/Utility Light

- Interior or exterior, surface-mount, clear RV utility light.
- Stainless-steel housing.
- Gasketed acrylic lens.
- Weather-resistant mounting gasket.
- CSA Approved.
- Separate 5.75" lead and ground wires for electrical connection.
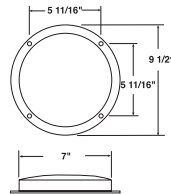
Order No.	Description	Pack	Std Carton
M395C	clear	mfg. pack	25
700-15C	replacement lens	poly pack	10
1156	replacement bulb		

433S
Interior/Courtesy Light

- 12-volt courtesy light used for low-level general illumination.
- Black housing with aluminum base.
- Rocker type switch.
- Surface mounts on 2 1/8" centers.
- Separate lead and ground wires for electrical connection.
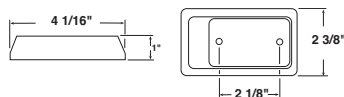
Order No.	Description	Pack	Std Carton
M433S	clear	mfg. pack	100
433-15C	replacement lens	poly pack	10
193 or 194	replacement bulb		

7" Round

Snap this QR code with your cell phone to view 701C info online.

3.90"
99 mm

7.00"
178 mm

1.79"
45 mm
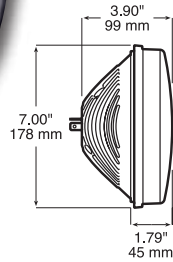
2 diodes

VIZ PACK

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

701C Great White® LED 7" PAR 56 Headlight

Great White

- 1100 / 1650 lumen output (low / high beam).
- Wider, more even pattern than halogen bulbs.
- Designed to last many times longer than a traditional sealed beam.
- Multivolt design is compatible with both 12V and 24V systems.
- Low power consumption — draws only 17–22 amps.
- DOT-legal; exceeds FMVSS-108 and CMVSS-108 requirements.
- Meets applicable SAE standards.
- Drop-in LED replacement for all PAR56 7-inch standard headlights, including popular H6014, H5024 and H6024 halogen sealed beams.
- 5400k ~ 6400k color temperature closely matches natural daylight.
- UV- and impact-resistant, hard-coated polycarbonate lens
- Standard H4 3-blade terminals integrated directly into the heavy-duty cast alloy rear housing.
- Requires 701-491 anti-flicker harness for use on CANBUS-equipped vehicles, including '07 and newer Jeep Wrangler.
- Does not function as a daytime running light (DRL).
- Patent pending.
- IP66 ingress rating.

Halogen

LED

These images show the difference between standard halogen sealed beams and Peterson's LED headlights. They were taken in the same vehicle, in the same spot, with the same exposure settings. The difference speaks for itself!

Low beam pattern shown.
Installed in 1997 Jeep Wrangler test vehicle without altering headlight aim.

Order No.	Description	Pack	Std Carton
V701C	DOT-compliant	Viz Pack	1
701C	DOT-compliant	box	1
M701C	DOT-compliant	mfg. pack	4
701-491	anti-flicker harness	poly pack	1

See ECE version on page 154 for markets with left-hand traffic.

NEW!

4"x 6" Quad

4/6 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

702C / 703C Great White® LED Rectangular Quad Headlights

Great White

- 702C is an SAE Type 2A1 low beam w/ 4-diode, single-chip assembly.
- 703C is an SAE Type 1A1 high beam w/ 6 diodes.
- Greater vibration & shock resistance for longest available service life.
- Multivolt design is compatible with both 12V and 24V systems.
- Heavy-duty cast alloy housing.
- UV & impact resistant, hard-coated polycarbonate lens.
- Vacuum metallized reflector.
- 700 (702C) & 1000 (703C) source lumens.
- Low power draw: 10.25 watts (702C) & 17 watts (703C).
- DOT-legal; exceeds FMVSS-108 and CMVSS-108 requirements.
- 5200k ~ 6000k (702C) & 5200k ~ 6300k (703C) color temperature.
- 3.5", 18 gauge, hardwired leads terminated w/ standard H4 terminals.
- IP66 ingress rating.

*Physical configuration and electrical compatibility does not guarantee legal compliance in OE or retrofit applications. Refer to vehicle manufacturers' specifications and government and SAE documentation regarding headlight requirements and aiming standards.The 702C low-beam function headlight is designed only for use as part of a four-lamp integrated system of the type shown above.It is not designed or sold as a replacement for a dual function (high/low beam) headlight. Federal law requires that horizontal adjustment be disabled for the 702C.

Order No.	Description	Pack	Std Carton
702C	low beam	box	1
703C	high beam	box	1

LED

NEW!

450 or 800 Lumens
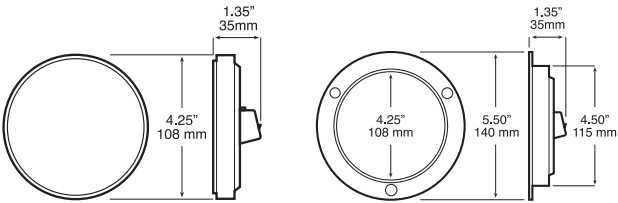
9 diodes

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

817-9 LumenX® LED
4" Round Work Light

• New white diodes behind clear lens.
• Available in 450 lumen & 800 lumen versions.
• Advanced optics fully illuminate lens.
• Flood pattern for broad illumination.
• Also suitable for dome or utility light.
• Regulated design provides voltage protection and consistent light output over entire voltage range.
• Skirted weld joint provides added protection against road and weather conditions.
• 817 series has 9–32 volt operating range. 800 series is compatible with 12 volt systems only.
• M800W-9 & M817W-9 require grommet or surface-mount bracket.
• M800WF-9 M818W-9 are equipped with integral mounting flange.

1.35"
35mm

4.25"
108 mm

1.35"
35mm

4.25"
108 mm

5.50"
140 mm

4.50"
115 mm

Order No.	Description	Pack	Std Carton
M800W-9	grommet mount, 800 lumens	mfg. pack	50
M800WF-9	flange mount, 800 lumens	mfg. pack	50
M817W-9	grommet mount, 450 lumens	mfg. pack	50
M818W-9	flange mount, 450 lumens	mfg. pack	50
417-1	surface mount bracket	mfg. pack	40
B426-18	rubber grommet	mfg. pack	100
B417-48	hardshell plug	mfg. pack	100
B817-48	molded plug	mfg. pack	100

NEW!

900 Lumens
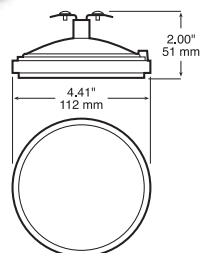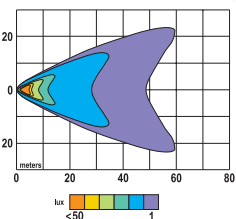
6 diodes

VIZ PACK

MV Multi-Volt 12V & 24V

711 Great White® LED
PAR 36 LED Replacement Beam

Great White®

• High-output Great White® diodes for a bright general illumination.
• Fits all standard Par 36 incandescent sealed beam applications.
• Impact-resistant polycarbonate lens.
• Cast aluminum body with matte black finish.
• Compatible with both 12 and 24-volt systems.
• Self-service visual packaging.

20
0
20
meters
0   20   40   60   80
lux <50   1

2.00"
51 mm

4.41"
112 mm

Cast aluminum housing

Order No.	Description	Pack	Std Carton
V711	round	Viz-Pack	6
711	round	mfg	20

LED

901 Great White® LED
2" Round Mini Work Light

Great White®

1 diode

VIZ PACK

MV Multi-Volt 12V & 24V

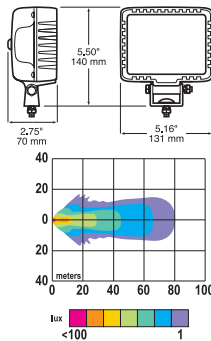**REG Voltage Regulated**

700 Lumens

NEW!

- High-output single white diode for a bright, narrow spot beam pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 9–48 VDC operating range.
- Reverse voltage protection.
- Draws 1.3A @ 12V, 0.65 @ 24V.
- 2-Conductor black PVC jacketed harness 20 GA GPT.
- IP68 rated.
- Stainless steel mounting hardware.
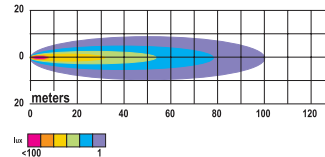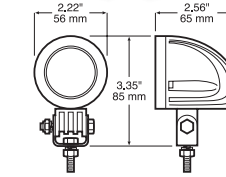
Order No.	Description	Pack	Std Carton
V901-MV	round	Viz-Pack	4
901-MV	round	box	1

2.22" 56 mm / 2.56" 65 mm / 3.35" 85 mm

902 Great White® LED
2" x 2" Square Mini Work Light

Great White®

1 diode

VIZ PACK

MV Multi-Volt 12V & 24V

REG Voltage Regulated

700 Lumens

NEW!

- High-output single white diode for a bright, narrow spot beam pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Removable bracket fits mounting slots on all four sides.
- Multiple 902 lights can be gang-mounted using included hardware.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 9–48 VDC operating range.
- Reverse voltage protection.
- Draws 1.3A @ 12V, 0.65 @ 24V.
- 2-Conductor black PVC jacketed harness 20 GA GPT.
- IP68 rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
V902-MV	square	Viz-Pack	4
902-MV	square	box	1

2.00" 51 mm / 2.36" 60 mm / 3.15" 80 mm
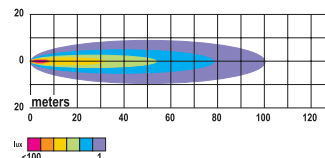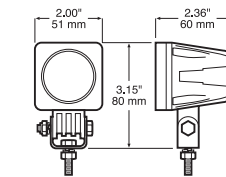
Includes hardware to gang-mount multiple 902 lights

903 Great White® LED
3" x 5" Rectangular Work Light

Great White®

6 diodes

MV Multi-Volt 12V & 24V

**REG Voltage Regulated**

2000 Lumens

NEW!

- High-output Great White® diodes for a bright, even flood pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 10–32 VDC operating range.
- Reverse voltage protection.
- Draws 2.65A @ 12V, 1.0A @ 24V.
- 2-Conductor black PVC jacketed harness 18 GA GPT.
- IP67 rated.
- Stainless steel mounting hardware.
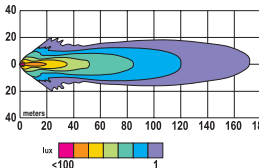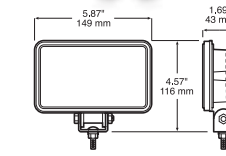
Order No.	Description	Pack	Std Carton
903-MV	rectangular	box	1

5.87" 149 mm / 1.69" 43 mm / 4.57" 116 mm

LED

NEW!

700 Lumens

4 diodes

VIZ PACK

MV Multi-Volt 12V & 24V

REG Voltage Regulated

2.83" 72 mm

1.56" 40 mm

3.78" 96 mm

20
0
20
meters
0   20   40   60   80

lux <100   1
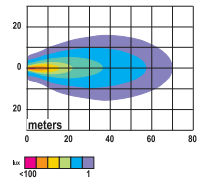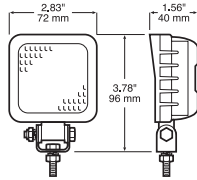
904 Great White® LED 3" x 3" Square Work Light

Great White.

• High-output Great White® diodes for a bright, even flood pattern.
• Impact-resistant polycarbonate lens.
• Die-cast aluminum body with matte black finish.
• Heat dissipating fins for durability and longevity.
• High vibration resistance and low amp draw.
• Compatible with both 12 and 24-volt systems.
• 9–36 VDC operating range.
• Reverse voltage protection.
• Draws 0.98A @ 12V, 0.43A @ 24V.
• 2-Conductor black PVC jacketed harness 20 GA GPT.
• Operating temperature: -40° – +65° C.
• Color temperature: 6300k.
• EMC approval R10 and R23.
• IP67 rated.
• Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
V904-MV	square	Viz-Pack	4
904-MV	square	box	1

NEW!

450 or 800 Lumens

9 diodes

VIZ PACK

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

5.90" 150 mm

4.85" 123 mm

4.85" 123 mm
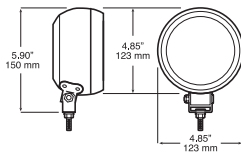
907 / 908 LumenX® LED 4" Round Work Light

• Extremely even, flood pattern for broad illumination.
• Also suitable for use as a utility light.
• Sealed LED work light installed in rubber housing with lead wires.
• AMP-compatible receptacle provides the most reliable connection available.
• 9–16 volt operating range for 908 series, 907-MV is compatible with both 12V and 24V vehicles.
• See pg 116 for replacement light.

Order No.	Description	Pack	Std Carton
V908	rubber housing, 800 lumens	Viz Pack	6
M907-MV	rubber housing, 450 lumens	mfg. pack	50
M908	rubber housing, 800 lumens	mfg. pack	50

1400 Lumens

6 diodes

MV Multi-Volt 12V & 24V

REG Voltage Regulated

20
0
20
meters
0   20   40   60

lux <100   1
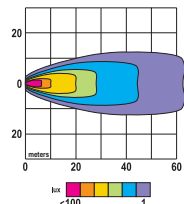
909-MV LED Pedestal-Mount Work Light

Great White.

• Flood beam pattern.
• Die-cast aluminum housing with matte black finish.
• Polycarbonate lens.
• High vibration resistance and low amp draw
• Stainless steel mounting hardware.
• 10-70 VDC operating range.
• 1.6 amp current draw at 12.8 VDC.
• Comes complete with stainless steel mounting hardware.

5.71" 145 mm

4.37" 111 mm

2.60" 66 mm
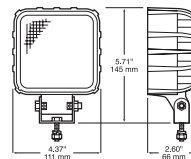
Order No.	Description	Pack	Std Carton
909-MV	square	box	1

LED

910 LED
Pedestal-Mount Work Light

Great White

12 diodes

VIZ PACK

MV Multi-Volt 12V & 24V

REG Voltage Regulated

1200 Lumens

- High-output Great White® diodes for a bright, even, flood pattern.
- Die-cast aluminum body with cooling fins for durability and longevity.
- High vibration resistance and low amp draw.
- 9–32 volt operating range.
- Draws 1.29A @ 12V, 0.64V @ 24V.
- Comes complete with stainless steel mounting hardware.
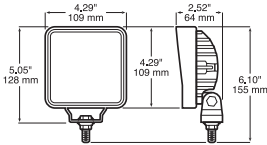
Order No.	Description	Pack	Std Carton
V910-MV	square	Viz-Pack	2
910-MV	square	box	1
910-MV-PKD	w/hardshell connector	box	1

911 LED
Pedestal-Mount Work Light

Great White

6 diodes

VIZ PACK

MV Multi-Volt 12V & 24V

REG Voltage Regulated

1000 Lumens

- High-output Great White® diodes for a bright, even, round pattern.
- Die-cast aluminum body with cooling fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24 volt systems.
- Draws 1.73A @ 12V, 0.83A @ 24V.
- Comes complete with stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
V911-MV	round	Viz Pack	6
911-MV	round	box	1
911-MV-PKD	w/hardshell connector	box	1

912 Great White® LED
3" Round Work Light

Great White

4 diodes

VIZ PACK

MV Multi-Volt 12V & 24V

REG Voltage Regulated

900 Lumens

NEW!

- High-output Great White® diodes for a bright, even flood pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- 9–32 VDC operating range is compatible with 12 and 24-volt systems.
- Reverse voltage protection.
- Draws 1.11A @ 12V, 0.61A @ 24V.
- 2-Conductor black PVC jacketed harness 18 GA GPT.
- Operating temperature: -40° – +65° C.
- Color temperature: 6500k.
- IP67 rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
V912-MV	round	Viz Pack	4
912-MV	round	box	1

LED

NEW!

900 Lumens

4 diodes

VIZ PACK

MV Multi-Volt 12V & 24V

REG Voltage Regulated

913 Great White® LED 3" x 3" Compact Work Light

Great White

- High-output Great White® diodes for a bright, even flood pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- 9–32 VDC operating range is compatible with 12 and 24-volt systems.
- Reverse voltage protection.
- Draws 1.3A @ 12V, 0.65A @ 24V.
- 2-Conductor black PVC jacketed harness 18 GA GPT.
- Operating temperature: -40° – +65° C.
- Color temperature: 6500k.
- ECE E9 10R-04 6881
- IP67 rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
V913-MV	square	Viz-Pack	4
913-MV	square	box	1

NEW!

1800 Lumens

12 diodes

MV Multi-Volt 12V & 24V

REG Voltage Regulated

914S Great White® LED 4" x 5" Work Light w/ Switch

Great White

- High-output Great White® diodes for a bright, even flood pattern.
- Weather-sealed, integrated push-on/push-off switch.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- 10–33 VDC operating range is compatible with 12 & 24-volt systems.
- Reverse voltage protection.
- Draws 1.6A @ 12V, 0.8A @ 24V.
- 2-Conductor black PVC jacketed harness 20 GA GPT.
- Color temperature: 6000k.
- CE Certified
- IP67 rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
914S-MV	rectangular w/ switch	box	1

NEW!

3600 Lumens
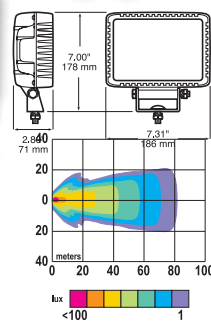
24 diodes

MV Multi-Volt 12V & 24V

REG Voltage Regulated

915 Great White® LED 5" x 7" Rectangular Work Light

Great White

- High-output Great White® diodes for a bright, even flood pattern.
- Impact-resistant polycarbonate lens.
- Die-cast aluminum body with matte black finish.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- 10–33 VDC operating range is compatible with 12 & 24-volt systems.
- Reverse voltage protection.
- Draws 3.2A @ 12V, 1.6A @ 24V.
- 2-Conductor black PVC jacketed harness 20 GA GPT.
- Color temperature: 6000k.
- CE Certified
- IP67 Rated.
- Stainless steel mounting hardware.

Order No.	Description	Pack	Std Carton
915-MV	rectangular	box	1

LED

916 LumenX® LED
Swiveling Work Light

- Features 817W-9 light mounted in rugged, cast aluminum housing.
- Mounting arm features two separate 360° swivel joints that allow light to be pointed in any direction.
- High vibration resistance.
- Low amp draw.
- Durable, attractive gray powder-coat finish.
- Convenient push-button switch.
- Two lead wires.

9 diodes

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

450 Lumens
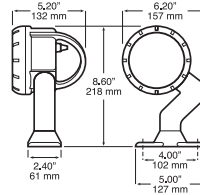
Order No.	Description	Pack	Std Carton
916S	swivel housing	box	1

---

917 Great White® LED
4" x 4" Square Work Light

Great White®

- High-output Great White® diodes for a bright, even spot pattern.
- Armored glass lens.
- Die-cast aluminum body with matte black finish.
- Shock-resistant mounting pads.
- Heat dissipating fins for durability and longevity.
- High vibration resistance and low amp draw.
- Compatible with both 12 and 24-volt systems.
- 9–40 VDC operating range.
- Reverse voltage protection.
- Draws 2.35A @ 12V.
- 2-Conductor black PVC jacketed harness 20 GA GPT.
- Color temperature: 6500k.
- IP68 Rated.
- Stainless steel mounting hardware.

4 diodes

MV Multi-Volt 12V & 24V

REG Voltage Regulated

2800 Lumens

NEW!
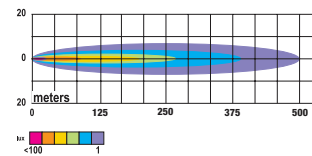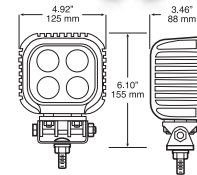
Order No.	Description	Pack	Std Carton
917-MV	square	box	1

4547 Great White® LED
Magnetic-Mount Work Light

Great White®

- Die-cast aluminum housing with matte black finish.
- Polycarbonate lens.
- 12' coil cord.
- Integrated on/off toggle switch with rubber boot seal.
- Stainless steel mounting hardware.
- Magnetic-mount base with pivot bracket and lock washer.
- 9 – 32 VDC operating range.
- 1.02 amp current draw at 13.5 VDC.
- For interior/warehouse use only.
- Perfect for forklift applications.

5 diodes

MV Multi-Volt 12V & 24V

REG Voltage Regulated

magnetic
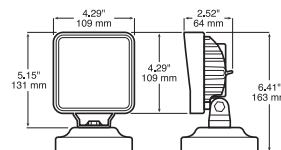
400 Lumens

Order No.	Description	Pack	Std Carton
4547	magnetic mount	box	1

LED

NEW!

19,300 Lumens
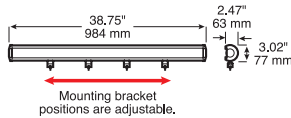
84 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

930 Great White® LED 39" Rectangular Light Bar

Great White®

- Rugged, extruded aluminum housing with die-cast end caps.
- Thick, scratch-resistant polycarbonate lens.
- Powder-coated black finish.
- Infinitely adjustable mounting pedestal locations.
- Flood beam pattern.
- 6000K–6500K daylight color temperature.
- 10–30 volt operating range.
- IP66 ingress protection rating.
- Includes all mounting hardware.

38.75"
984 mm

2.47"
63 mm

3.02"
77 mm

Mounting bracket
positions are adjustable.

Order No.	Description	Pack	Std Carton
930-MV	double row flood	box	1

NEW!

13,300 Lumens
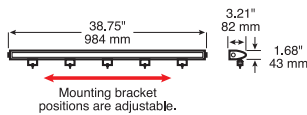
38 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

931 Great White® LED 39" Rectangular Light Bar

Great White®

- Rugged, extruded aluminum housing with die-cast end caps.
- Thick, scratch-resistant polycarbonate lens.
- Powder-coated black finish.
- Infinitely adjustable mounting pedestal locations.
- 60° flood beam pattern.
- 6000K–6500K daylight color temperature.
- 10–30 volt operating range.
- IP66 ingress protection rating.
- Includes all mounting hardware.

38.75"
984 mm

3.21"
82 mm

1.68"
43 mm

Mounting bracket
positions are adjustable.

Order No.	Description	Pack	Std Carton
931-MV	single row flood	box	1

HARD WIRED

24 24 Volt Version

1217G-R LED Traffic Indicator / Loading Dock Light

- Dual-color diodes provide red and green indicators in a single lens.
- Ideal for loading bays, car parks, barriers and gates.
- Includes 4 meter co-extruded three-core cable.
- 18–28 volt operating range.
- Individually boxed.
- IP67 ingress protection rating.
- Requires 426-18 grommet or 417-1 bracket for installation.

LEDs light up both RED & GREEN

1.35"
35mm

4.25"
108 mm

Order No.	Description	Pack	Std Carton
1217G-R	red/green bi-color	box	30
417-1	surface mount bracket	mfg. pack	40
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100

504M
Magnetic-Mount 4" x 6" Auxiliary Work Light

VIZ PACK

magnetic

- Magnetic-mount auxiliary work light.
- Flood beam pattern.
- Replaceable 55W H3 halogen bulb.
- Black nylon housing.
- 15' cord with 12V lighter style plug.
- Self-service Viz Pack packaging.
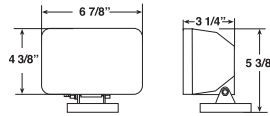
Order No.	Description	Pack	Std Carton
V504HFM	flood	Viz Pack	3
VH550	replacement bulb	Viz Pack	12

6 7/8" 3 1/4"
4 3/8" 5 3/8"

538
55 Watt Handheld Spotlight

VIZ PACK

- 500,000 candle power.
- 55 watt H3 halogen bulb.
- 4" diameter hardened glass lens.
- High-impact ABS housing.
- Draws less than 4 amps.
- Cigarette lighter plug fits any 12 volt receptacle.
- 11 1/2 foot cord.
- 8 1/4" high x 4" wide x 3" deep.

Order No.	Description	Pack	Std Carton
V538	black	Viz Pack	6
VH550	replacement bulb	Viz Pack	12

516
Heavy-Duty Swiveling Trapezoidal Work Light

✓LED
LED Version Available

- PAR 36 sealed beam work lamp.
- Trapezoidal pattern.
- Mounting arm features two separate 360° swivel joints that allow light to be pointed in any direction.
- Rugged cast aluminum housing with gray powder-coat finish.
- Convenient rubber-covered on-off switch and integrated handle.
- Uses 4411 trapezoidal sealed beam.
-
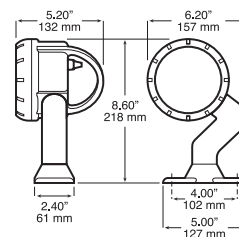
Order No.	Description	Pack	Std Carton
516S	swivel housing	box	1

5.20"
132 mm
6.20"
157 mm
8.60"
218 mm
2.40"
61 mm
4.00"
102 mm
5.00"
127 mm

408
Tractor / Utility Light

- Tractor or utility light with trapezoid beam pattern.
- Replaceable 55W H3 halogen bulb.
- Slim housing fits into tight areas.
- 2370 candelas, 880 lumens.
- Black plastic housing and hardened glass lens.
- Adjustable mounting hardware.
- Separate 8" lead and ground wires for electrical connection.

Order No.	Description	Pack	Std Carton
V408	trapezoid	Viz Pack	6
M408	trapezoid	mfg. pack	36
VH550	replacement bulb	Viz Pack	12
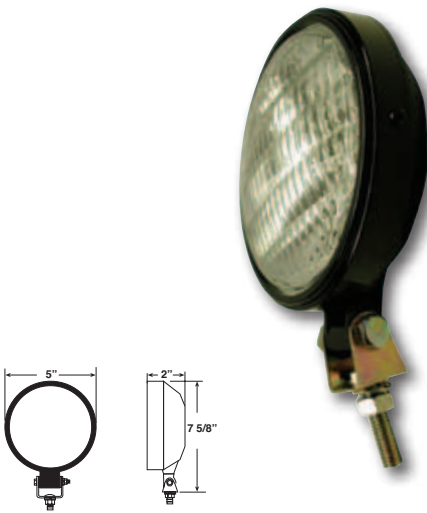
502
3" x 5" Tractor / Utility Light

- Low-profile, rectangular lamp functions as tractor or utility light.
- Available in both trapezoid (HT) and flood (HF) beam patterns.
- Replaceable 55W H3 halogen bulb.
- Flood version outputs 2190 candelas, 949 lumens.
- Trapezoid version outputs 6190 candelas, 949 lumens.
- Black plastic housing
- Adjustable black zinc plated steel mounting hardware.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V502HF	flood	Viz Pack	3
V502HT	trapezoid	Viz Pack	3
M502HF	flood	mfg. pack	12
VH550	replacement bulb	Viz Pack	12

503
3" x 5" Tractor & Work Light

- Heavy-duty lamp with 3" x 5" lens.
- Functions as tractor or general work light.
- Available in both trapezoid (HT) and flood (HF) beam patterns.
- Replaceable 55W H3 halogen bulb.
- 4060 candelas, 870 lumens (flood version 780 lumens).
- Polycarbonate housing.
- Black-plated mounting bracket for corrosion-free service.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V503HF	flood	Viz Pack	3
V503HT	trapezoid	Viz Pack	3
M503HF	flood	mfg. pack	12
M503HT	trapezoid	mfg. pack	12
VH550	replacement bulb	Viz Pack	12

504
4" x 6" Tractor / Work Light

- Heavy-duty tractor or general work light with 4" x 6" lens.
- Available in both trapezoid (HT) and flood (HF) beam patterns.
- Replaceable 55W H3 halogen bulb.
- Flood version outputs 3800 candelas, 813 lumens.
- Trapezoid version outputs 3120 candelas, 860 lumens.
- Nylon housing and black-plated hardware for corrosion resistance.
- Self-service Viz Pack packaging.

VIZ PACK

Order No.	Description	Pack	Std Carton
V504HF	flood	Viz Pack	3
V504HT	trapezoid	Viz Pack	3
VH550	replacement bulb	Viz Pack	12

6 7/8" 3" 4 1/2" 5 1/2"
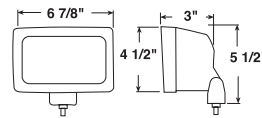
506
Square Lens Flood Light

- Heavy-duty lamp with 3" x 3" lens.
- Wide, even flood pattern.
- Replaceable 55W H3 halogen bulb.
- 1250 lumens, 120,000 candlepower.
- Corrosion-resistant glass-filled nylon housing.
- Includes E-coated mounting hardware.
- Two-wire electrical connection
- Self-service Viz Pack packaging.

VIZ PACK

Order No.	Description	Pack	Std Carton
V506	flood	Viz Pack	3
VH550	replacement bulb	Viz Pack	12

3.44" 87 mm 4.50" 114 mm 4.06" 103 mm 4.93" 125 mm
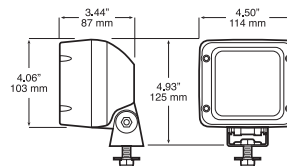
507
PAR 36 Rubber Tractor Light

- PVC molded housing cushions lamp from shock and vibration.
- Replaceable, flush-mount, par 36 sealed beam.
- Available in both trapezoid and flood beam patterns.
- 10" lead wire exits through back of housing, grounds through mounting stud.
- 507S includes push-button on/off switch on back of housing and .180 bullet terminal on lead.
- Universal 5/16" mounting stud and adjustable zinc-plated bracket allow mounting in any position.
- Accepts standard 4411 (trap. 12V), 4511 (trap. 6V), H7610 (halogen trap.) or H7614 (halogen flood) bulb.
- See 907 LED version on page 118.

VIZ PACK

✓**LED** LED Version Available

Order No.	Description	Pack	Std Carton
V507	trapezoid	Viz Pack	3
V507F	flood	Viz Pack	6
507	trapezoid	poly pack	12
507F	flood	poly pack	12
M507	trapezoid	mfg. pack	24
M507S	trapezoid, with on/off switch	mfg. pack	24
507LU	housing only	poly pack	12
H4411	replacement bulb (12v trapezoid)		

2.50" 64 mm 4.72" 120 mm 5.90" 150 mm

VIZ PACK
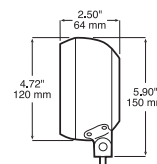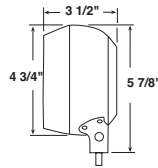
508
PAR 36 Rubber Tractor Light

- Same quality design as the 507 series with recessed sealed beam.
- PVC hood reduces glare and provides added protection.
- Trapezoidal beam pattern.
- Accepts standard 4411 (trap. 12V), 4511 (trap. 6V), H7610 (halogen trap.) or H7614 (halogen flood) bulb.

3 1/2"

4 3/4"   5 7/8"

Order No.	Description	Pack	Std Carton
V508	trapezoid	Viz Pack	6
508	trapezoid	poly pack	12
M508	trapezoid	mfg. pack	16
H4411	replacement bulb		

VIZ PACK
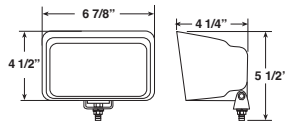
509
4" x 6" Halogen Rubber Tractor Light

- Heavy-duty, high-impact rubber housing is designed to survive in extreme environments such as construction and sanitation trucks.
- Rubber hood reduces glare and provides added protection.
- H9411 halogen sealed beam with trapezoidal pattern.
- 2400 candelas, 780 lumens.
- Stainless steel mounting hardware.
- Two blunt-cut wires for non-polarized connection.

6 7/8"   4 1/4"

4 1/2"   5 1/2"

Order No.	Description	Pack	Std Carton
V509	trapezoid	Viz Pack	3
M509	trapezoid	mfg. pack	12
H9411	replacement sealed beam		
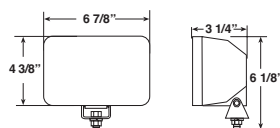
513
4" x 6" Auxiliary Flood Light

- Corrosion-resistant universal flood lamp.
- Ideal for marine, horse trailer, or other applications where corrosion-free performance is required.
- Features H3, 55-watt replaceable halogen bulb.
- Wide-angle flood beam lens.
- 3020 candelas, 817 lumens.
- White housing and stainless-steel mounting hardware.
- Separate 8" lead and ground wires for electrical connection.

6 7/8"   3 1/4"

4 3/8"   6 1/8"

Order No.	Description	Pack	Std Carton
M513	flood	mfg. pack	30
VH550	replacement bulb	Viz Pack	12

511
PAR 46 Steel Housing

- Heavy-gauge, powder-coated steel housing.
- Molded neoprene rim with dual clamp rings to isolate sealed beam from vibration.
- Welded reinforcing plate and 5/8" mounting stud provide durability.
- Three-prong connector block supplied.
- Exact Caterpillar OEM replacement fit for part number 2P-2540.
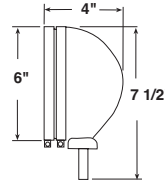
Order No.	Description	Pack	Std Carton
511	housing only	box	6

505 BladeLights®
Snow Plow Light Kit

- Head light and turn signal kit for snow removal vehicles.
- Includes high and low beam function.
- Low-profile housing.
- Easy-to-replace sealed halogen beam and turn signal bulb.
- 1/2" diameter, adjustable-ball mounting stud.
- Meets FMVSS 108 requirements.
- Kits include two lights, wiring, switch, mounting hardware, and easy-to-follow instructions.
- 24" lead wires.
- Packaged in bright, four-color display box.
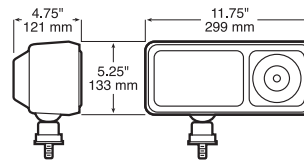
Order No.	Description	Pack	Std Carton
505K	snow plow light kit	box	1
H6545	replacement sealed beam		
2357	replacement bulb		

581 Nightwatcher® LX
LED Auxiliary Driving Lights

- LED auxiliary driving lights.
- Low-profile design complements the look of modern vehicles.
- Available in white (6000–6500 K color temperature) or blue.
- Viz-Pack kit includes one pair of lights, wiring and hardware.

12 diodes

VIZ PACK

LED

Self-Demonstrating Push-to-Light Package
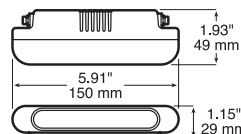
Order No.	Description	Pack	Std. Carton
V581C-2PL	clear white	Viz Pack	3
V581B-2PL	blue	Viz Pack	3

LED
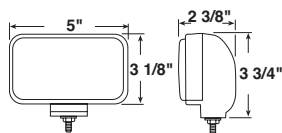
517 Nightwatcher® LX
Mini Halogen Driving / Docking Light

- Powerful 55-watt, halogen driving or docking light.
- Black housing.
- Precision-cast, hardened-glass lens.
- Steel reflector with bright chrome plating.
- Stainless steel mounting hardware and bezel screws.
- Wiring kit sold separately.

Order No.	Description	Pack	Std Carton
M517S	black	mfg. pack	30
V520-10	wiring kit	Viz Pack	12
VH550	replacement bulb	Viz Pack	12
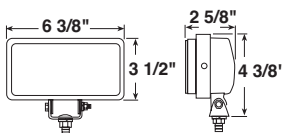
525 Nightwatcher® LX
Halogen Docking Light

- Powerful 55-watt, halogen docking light.
- Black housing.
- Precision-cast, hardened-glass lens.
- Vaporized aluminum reflector.
- Viz Pack kit includes two lamps, wiring, connectors, fuse, rocker switch, and installation instructions.
- M525S and V525S-2 include stainless-steel mounting hardware and bezel screws.
- Lens and reflector assembly may be reversed for optional inverted mounting.

Order No.	Description	Pack	Std Carton
V525S-2	kit w/ 1 1/2" SS bolt	Viz Pack	3
M525	1" bolt	mfg. pack	30
M525S	1 1/2" SS bolt	mfg. pack	30
VH550	replacement bulb	Viz Pack	12
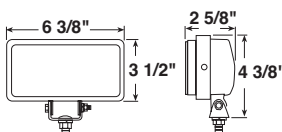
526 Nightwatcher® LX
Chrome Clear Driving Light

- Powerful 55-watt, halogen driving light.
- Chrome plated steel housing.
- Precision-cast, hardened-glass lens.
- Vaporized aluminum reflector.
- Universal mounting bracket.
- Wiring kit sold separately.

Order No.	Description	Pack	Std Carton
M526	clear driving	mfg. pack	30
V520-10	wiring kit	Viz Pack	12

530 Nightwatcher® LX
6" Round Off-Road Light

- 6" light produces over 250,000 candle power.
- Durable steel housing finished in black E-coat for long-lasting service.
- Aluminum-coated metal reflector.
- Hardened-glass lens.
- H3 100-watt halogen bulb.
- Armored cables.
- Universal swiveling, rubber cushioned mounting bracket.
- For off-road use only.

Order No.	Description	Pack	Std Carton
V530	black	Viz Pack	6
VH549	replacement bulb	Viz Pack	12
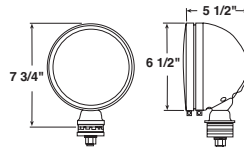
531 Nightwatcher® LX
6" Chrome Off-Road Light

- 6" light produces over 250,000 candle power.
- Durable chrome plated steel housing.
- Aluminum-coated metal reflector.
- Hardened-glass lens.
- H3 100-watt halogen bulb.
- Armored cables.
- Universal swiveling, rubber cushioned mounting bracket.
- For off-road use only.

Order No.	Description	Pack	Std Carton
V531	chrome	Viz Pack	6
VH549	replacement bulb	Viz Pack	12
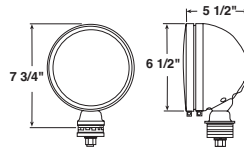
552 Nightwatcher® LX
Amber OE-Style Fog Light

- Popular original equipment style amber fog light kit.
- Designed to mount in most factory and aftermarket air dams.
- Can be mounted on top or bottom of bumper.
- 55-watt halogen bulb.
- Black plastic housing.
- Kit contains two lights, rocker switch, wiring, and installation instructions.
- Meets SAE specifications.

Order No.	Description	Pack	Std Carton
V552-2	fog light kit	Viz Pack	3
VH550	replacement bulb	Viz Pack	12

VIZ PACK
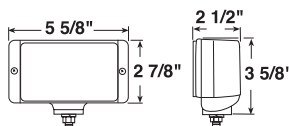
556 Nightwatcher® LX
Mini-Slim ION Clear Fog Light

- Low profile clear fog light provides maximum road clearance while enhancing any vehicle.
- 55-watt halogen bulb.
- Ion-coated lens.
- Black-finished aluminum diecast housing.
- Mounts above or below bumper.
- Screws or double-sided tape for installation on any surface.
- Kit contains two lights, rocker switch, wiring, and installation instructions.

4 3/8" 2 7/16" 1 1/2"
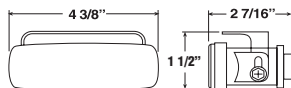
Order No.	Description	Pack	Std Carton
V556-2	clear fog kit	Viz Pack	3
VH550	replacement bulb	Viz Pack	12

VIZ PACK

557 Nightwatcher® LX
Ultra-Slim Clear Fog Light
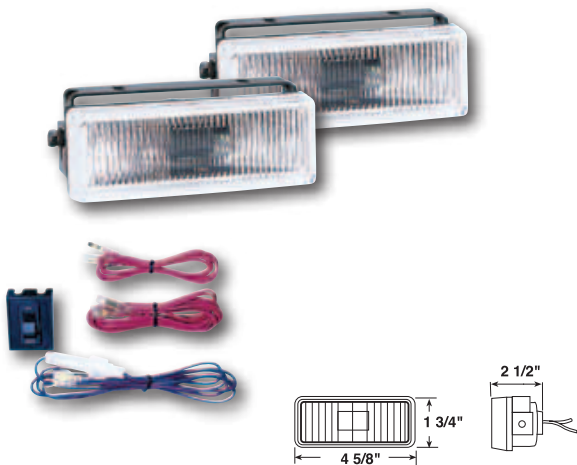
- Low profile clear fog light provides maximum road clearance while enhancing any vehicle.
- 55-watt halogen bulb.
- Black-finished aluminum diecast housing.
- Hardened-glass lens.
- Mounts above or below bumper.
- Screws or double-sided tape for installation on any surface.
- Kit contains two lights, rocker switch, wiring, and installation instructions.

2 1/2" 1 3/4" 4 5/8"
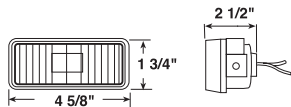
Order No.	Description	Pack	Std Carton
V557-2	clear fog light kit	Viz Pack	3
557-2	clear fog light kit	box pack	20
VH550	replacement bulb	Viz Pack	12

VIZ PACK

562 Nightwatcher® LX
Chrome OE-Style Clear Driving Light

- Popular OE style halogen clear driving light kit.
- Designed to mount in most factory and aftermarket air dams.
- Can be mounted on top or bottom of bumper.
- 55-watt halogen bulb.
- Chrome-plated housing.
- Hardened-glass lens.
- Kit contains two lights, rocker switch, wiring, and installation instructions.
- Meets SAE specifications.

5 5/8" 2 1/2" 3" 3 7/8"
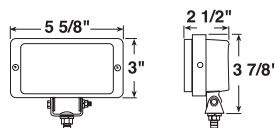
Order No.	Description	Pack	Std Carton
V562-1	clear driving light kit	Viz Pack	3
VH550	replacement bulb	Viz Pack	12

566 Nightwatcher® LX
Clear OE-Style Driving Light

- Popular original equipment style clear driving light kit.
- Designed to mount in most factory and aftermarket air dams.
- Can be mounted on top or bottom of bumper.
- 55-watt halogen bulb behind replaceable, hardened-glass lens.
- Black plastic housing.
- Kit contains two lights, rocker switch, wiring, and instructions.
- Meets SAE specifications.

Order No.	Description	Pack	Std Carton
V566-1	clear driving light kit	Viz Pack	3
VH550	replacement bulb	Viz Pack	12
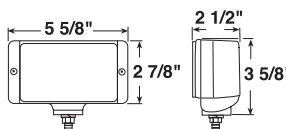
582 Nightwatcher® LX
Slim Oval ION Fog/Docking Light

- Low profile clear fog light provides maximum road clearance while enhancing any vehicle.
- 55-watt halogen bulb behind ion-coated lens.
- Black-finished aluminum diecast housing.
- Mounts above or below bumper.
- May be used as marine docking lights.
- Screws or double-sided tape for installation on any surface.
- Kits include two lights, wiring, illuminated rocker switch, instructions.

Order No.	Description	Pack	Std Carton
V582-2	black driving light kit	Viz Pack	3
VH550	replacement bulb	Viz Pack	12
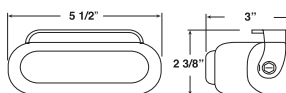
586 Nightwatcher® LX
Compact Square ION Driving Light

- Compact, modern shape.
- 55-watt halogen bulb behind ion-coated lens.
- Black metal powder-coated housing.
- May be used as marine docking lights.
- Kits include two lights, wiring, illuminated rocker switch, instructions.

Order No.	Description	Pack	Std Carton
V586-2	black driving light kit	Viz Pack	3
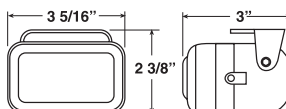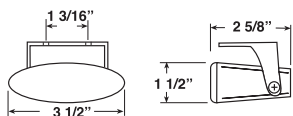
588 Nightwatcher® LX
Slim-line Oval Driving Light

- Low profile, clear auxiliary driving light provides maximum road clearance while enhancing any vehicle.
- 55-watt halogen bulb.
- Blue-tinted lens.
- Rugged metal housing.
- Mounts above or below bumper.
- Lead wire length 6.75"

1 3/16"
2 5/8"
1 1/2"
3 1/2"

Order No.	Description	Pack	Std Carton
M588	driving light	mfg. pack	50
VH550	replacement bulb	Viz Pack	12

VIZ PACK

590 Nightwatcher® LX
Multi-Reflective ION Driving Light

- Low profile, clear auxiliary driving light provides maximum road clearance while enhancing any vehicle.
- 55-watt halogen bulb.
- Blue-tinted lens.
- Powder-coated metal housing.
- Mounts above or below bumper.
- Kits include two lights, wiring, illuminated rocker switch, and installation instructions.

3 1/2"
4 3/8"
3"
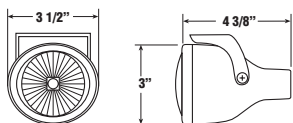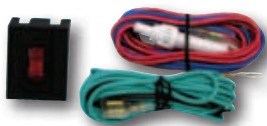
Order No.	Description	Pack	Std Carton
V590-2	driving light kit	Viz Pack	3
VH550	replacement bulb	Viz Pack	12

VIZ PACK

597 Nightwatcher® LX
Compact Round Driving Light

- Compact, round auxiliary driving light with blue-tinted lens.
- Small size and tapered shape for maximum mounting versatility.
- 55-watt halogen bulb.
- Metal housing with matte silver finish.
- Kit includes two lights, wiring, rocker switch, and installation instructions.

2 1/2"
2 1/2"
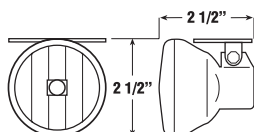
Order No.	Description	Pack	Std Carton
V597-2	driving light kit	Viz Pack	3
VH550	replacement bulb	Viz Pack	12

LED

817S / 818S *LumenX®* LED
Auxiliary Round Strobing Lights

- *Meets SAE J595 Class 1*
- Strobing light functions as auxiliary strobe or warning light.
- Ideal for emergency, construction and refuse vehicles.
- New white diodes behind white or colored lenses.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 818-9 has flange integrated into the housing.
- 817-9 has skirted weld joint for added protection against moisture.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- See page 181 for surface-mount bracket.

9 diodes

Order No.	Description	Pack	Std Carton
817SA-9	amber, grommet	poly pack	6
818SA-9	amber, flange	poly pack	6
817SR-9	red, grommet	poly pack	6
818SR-9	red, flange	poly pack	6
817SW-9	white, grommet	poly pack	6
818SW-9	white, flange	poly pack	6
M817SA-9	amber, grommet	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
417-48	hardshell plug, 2-wire	poly pack	6
B417-48	hardshell plug, 2-wire	mfg. pack	100

QUAD FLASH   NEW!

1.35" 35mm
4.25" 108 mm
1.35" 35mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

820S / 823S *LumenX®* LED
Auxiliary Round Strobing Lights

- *Meets SAE J595 Class 1*
- Strobing light functions as auxiliary strobe or warning light.
- Ideal for emergency, construction and refuse vehicles.
- New white diodes behind white or colored lenses.
- Advanced optics fully illuminate lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent light output over entire voltage range.
- 823-10 has flange integrated into the housing.
- 820KSA kit includes 421-18 grommet and 417-18 plug.
- 9-32 volt operating range is compatible with 12V and 24V vehicles.
- See page 181 for surface-mount bracket.

10 diodes

Order No.	Description	Pack	Std Carton
820KSA	amber, grommet, kit	poly pack	6
820SA-10	amber, grommet	poly pack	6
823SA-10	amber, flange	poly pack	6
820SR-10	red, grommet	poly pack	6
823SR-10	red, flange	poly pack	6
820SW-10	white, grommet	poly pack	6
823SW-10	white, flange	poly pack	6
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
417-48	hardshell plug, 2-wire	poly pack	6
B417-48	hardshell plug, 2-wire	mfg. pack	100

QUAD FLASH   NEW!

2.25" 57 mm
6.50" 165 mm
1.42" 36 mm
4.00 100 mm
3.63" 92 mm
3.00" 76 mm
7.88 200 mm
1.42" 36 mm
0.88" 22 mm

133
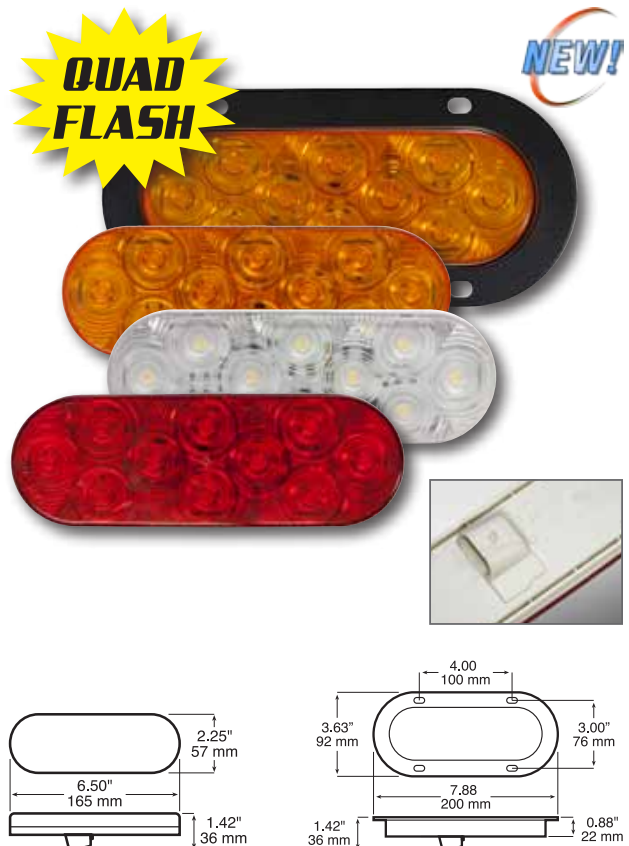
LED

NEW!

LED Strobe | **9** diodes

DEFENDER APPROVED

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

1.35" 35mm

4.25" 108 mm
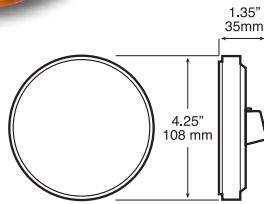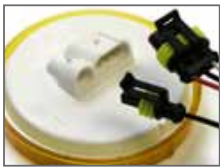
867SA *LumenX*® LED
Multi-Function Strobe & Rear Turn Signal

- Features alternating strobes and DOT-compliant rear turn signals.
- Activating turn signal automatically overrides strobe function.
- Requires 426-18 grommet, 417-49 3-wire plug, and 880-49 single wire sync plug for installation.

Order No.	Description	Pack	Std Carton
867SA-1	amber, type 1	poly pack	6
867SA-2	amber, type 2	poly pack	6
B426-18	grommet	mfg. pack	100
B417-49	hardshell plug, 3-wire	mfg. pack	100
B880-49	plug, sync wire	mfg. pack	100

MULTI-FUNCTION LAMPS FUNCTION AS BOTH TURN SIGNALS & STROBES!
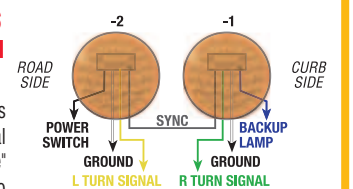
Each self-contained lamp unit has electronic strobe and turn signal functions built in, plus "sync wire" technology that allows lamps to communicate directly with one another all without external strobe controller.

-2   -1
ROAD SIDE   CURB SIDE
POWER SWITCH   SYNC   BACKUP LAMP
GROUND   GROUND
L TURN SIGNAL   R TURN SIGNAL

NEW!

LED Strobe | **10** diodes

DEFENDER APPROVED

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

2.25" 57 mm
6.50" 165 mm
1.42" 36 mm
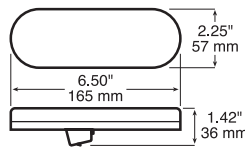
860SA *LumenX*® LED
Multi-Function Strobe & Rear Turn Signal

- Features alternating strobes and DOT-compliant rear turn signals.
- Activating turn signal automatically overrides strobe function.
- Requires 421-18 grommet, 417-49 3-wire plug, and 880-49 single wire sync plug for installation.

Order No.	Description	Pack	Std Carton
860SA-1	amber, type 1	poly pack	6
860SA-2	amber, type 2	poly pack	6
B421-18	grommet	mfg. pack	100
B417-49	hardshell plug, 3-wire	mfg. pack	100
B880-49	plug, sync wire	mfg. pack	100

6 diodes

HARD WIRED

LED Strobe

REG Voltage Regulated

CLEAR LENS COLORED LIGHT

Shown installed in 150-095 surface mount bracket.
Bracket or grommet required for mounting, available separately.

1.19" 30 mm
2.50" 64 mm
1.00" 25 mm
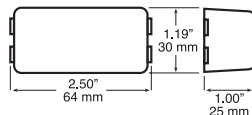
153S LED
Ultra-Mini Strobing Lights

- All models pass J845 Class 2 specs.
- 60 triple flashes per minute with 3 possible flash patterns.
- Compatible with 420S & 423S series on page 136.
- 9-16 volt operating range.
- 6 parabolic reflectors direct strobe flash for maximum brightness.
- Ultra-compact size allows installation on nearly any vertical surface.

Order No.	Description	Pack	Std Carton
153SA-1	amber, type 1	poly pack	6
153SA-2	amber, type 2	poly pack	6
153SB-1	blue, type 1	poly pack	6
153SB-2	blue, type 2	poly pack	6
153SR-1	red, type 1	poly pack	6
153SR-2	red, type 2	poly pack	6
153SC-1	white, type 1	poly pack	6
153SC-2	white, type 2	poly pack	6

Order No.	Description	Pack	Std Carton
150-095	mounting bracket	poly pack	12
B150-18	grommet	poly pack	100
B150-181	grommet	poly pack	100

850SA LED
Rectangular Auxiliary Strobing Light

- 3.5" x 5" LED light functions as auxiliary strobe or warning light.
- Two separate hot leads for selectable dual flash or quad flash strobe.
- Strobing function meets SAE J845 Class 2 specification.
- Operates from 9-32 volts.
- Ideal for emergency, construction and refuse vehicles.
- Potted, hardwired 12.25" sheathed leads. Optionally available terminated with AMP plug.
- Sealed lens and housing meets IP67 ingress protection level.
- Grommet fits material up to 6 mm.

10 diodes

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

3.44
87 mm

5.30"
135 mm

1.34"
34 mm

Order No.	Description	Pack	Std Carton
850SA	amber	poly pack	6
850SA-AMP	amber, AMP plug	poly pack	6
B850-18	rubber grommet	mfg. pack	100
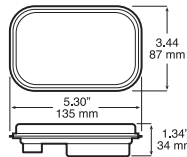
417S & 418S LED
Auxiliary Round Strobing Lights

- Strobing light functions as auxiliary strobe or warning light.
- Operates from 9-32 volts.
- Two models with sync wire permit 3 different flash patterns.
- Ideal for emergency, construction and refuse vehicles.
- Meets SAE J845 Class 2 specifications.

36 diodes

HARD WIRED

MADE IN USA

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

THREE FLASH PATTERN OPTIONS
NO EXTERNAL CONTROLLER NEEDED!

ROADSIDE LAMP   CURBSIDE LAMP

SYNC

POWER   POWER

GROUND   GROUND

Advanced, yet easily configured, Peterson's "sync wire" technology allows lamp pairs to communicate with each other, allowing alternating, synchronous, or random strobing patterns without the use of an external controller.

- Synchronous Strobe Pattern — Connect the black sync wire between two "Dash 1" lamps
- Alternating Strobe Pattern — Connect a "Dash 1" lamp to a "Dash 2" lamp
- Random Strobe Pattern — Leave black wire unconnected

1.35"
35mm

1.35"
35mm

4.25"
108 mm

4.25"
108 mm

5.50"
140 mm

4.50"
115 mm

Order No.	Description	Pack	Std Carton
417SA-1	amber, type 1	poly pack	6
417SA-2	amber, type 2	poly pack	6
417SR-1	red, type 1	poly pack	6
417SR-2	red, type 2	poly pack	6
418SA-1	amber w/ flange, type 1	poly pack	6
418SA-2	amber w/ flange, type 2	poly pack	6
418SR-1	red w/ flange, type 1	poly pack	6
418SR-2	red w/ flange, type 2	poly pack	6
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
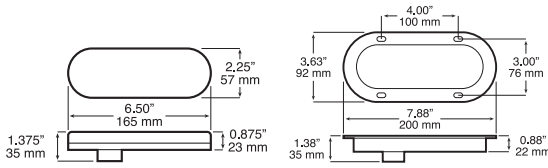
LED

420SA

420SR

420SB   Clear LEDs Light Up Blue

423HSA

423HSR

423SA

423SR

22 diodes

MADE IN USA

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

CLEAR LENS COLORED LIGHT

420S & 423S LED
Auxiliary Oval Strobing Lights

• Oval, LED triple-flash strobing auxiliary or emergency warning light.
• 9-32 volt operating range, no separate external controller required.
• Available with random, synchronous or alternating flash patterns.
• Meets SAE J845 Class 2 specifications rotated in any orientation (420SB does not meet J845 specifications).
• 423HSA and 423HSR permit easy surface mounting.

ROADSIDE LAMP   CURBSIDE LAMP

POWER   GROUND   SYNC   POWER   GROUND

"Sync wire" technology allows lamps to communicate without any external flash controller.

• Synchronous Strobe Pattern — Connect the black sync wire between two "Dash 1" lamps
• Alternating Strobe Pattern — Connect a "Dash 1" lamp to a "Dash 2" lamp
• Random Strobe Pattern — Leave black wire unconnected

4.00" 100 mm
3.63" 92 mm
3.00" 76 mm
2.25" 57 mm
6.50" 165 mm
7.88" 200 mm
1.375" 35 mm
0.875" 23 mm
1.38" 35 mm
0.88" 22 mm

Order No.	Description	Pack	Std Carton
420SA-1	amber, type 1	poly pack	6
420SA-1AMP	amber, type 1, hardshell conn.	poly pack	6
420SA-2	amber, type 2	poly pack	6
420SA-2AMP	amber, type 2, hardshell conn.	poly pack	6
420SB-1	blue, type 1	poly pack	6
420SB-2	blue, type 2	poly pack	6
420SR-1	red, type 1	poly pack	6
420SR-2	red, type 2	poly pack	6
423SA-1	amber w/ flange, type 1	poly pack	6
423SA-1AMP	amber w/ flange type 1, hardshell	poly pack	6
423SA-2	amber w/ flange, type 2	poly pack	6
423HSA-1	amber surface mount, type 1	poly pack	6
423HSA-2	amber surface mount, type 2	poly pack	6
421-18	grommet	poly pack	12
B421-18	grommet	mfg. pack	100
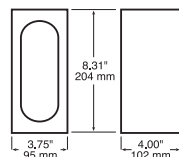
22 diodes

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

794 LED
Amber Strobe Kit w/ Weld Boxes

• Kit contains two 420S oval auxiliary LED strobes (listed above) pre-installed in heavy-gauge steel weld boxes.
• Ideal for construction, refuse and other rough duty vehicles.
• Weld box kits come with three 8" lead wires, plus all connectors.
• 794A-1 weld box kit contains two synchronous 420SA-1 lights
• 794A-2 weld box kit contains alternating 420SA-1 and 420SA-2 lights

8.31" 204 mm
3.75" 95 mm
4.00" 102 mm

Order No.	Description	Pack	Std Carton
794A-1	synchronous pattern	box	1
794A-2	alternating pattern	box	1
794-09	weld box only	box	1

4258 LED Multi-Function
Dual Strobe & Rear Turn Signal

- Dual light system functions as both triple-flash, alternating strobes and rear turn signals.
- Strobing function meets SAE J845 Class 2 specification.
- Turn signal function meets DOT rear turn specification.
- Activating turn signal automatically overrides strobe function.
- Two power wires allow strobes to be activated two ways, i.e. with cab switch and automatically when shifted into reverse.
- 4258-series lights are NOT interchangeable with quad-capable multi-function strobes (4343, 4333 and 8344 series round or 4353 oval).
- "X" suffix denotes stripped wires for strobe function plus standard plug connector for turn signal.

36 diodes

MADE IN USA

HARD WIRED

LED Strobe

REG Voltage Regulated

MULTI-FUNCTION LAMPS FUNCTION AS BOTH TURN SIGNALS & STROBES!

Each self-contained lamp unit has electronic strobe and turn signal functions built in, plus "sync wire" technology that allows lamps to communicate directly with one another all without any external flasher or strobe controller.

-2   -1
ROAD SIDE   CURB SIDE
POWER SWITCH   SYNC   BACKUP LAMP
GROUND   GROUND
L TURN SIGNAL   R TURN SIGNAL

4258A-X version features stripped wires for strobe function plus standard plug connector for turn signal.

1.35" 35mm

4.25" 108 mm

Order No.	Description	Pack	Std Carton
4258A-1	curbside w/ hardshell connector	mfg. pack	50
4258A-2	roadside w/ hardshell connector	mfg. pack	50
4258A-1X	curbside w/ stripped wires & plug	poly pack	6
4258A-2X	roadside w/ stripped wires & plug	poly pack	6
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100
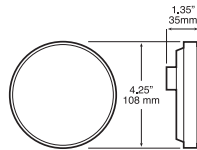
4332/4333 LED Multi-Function
Dual Strobe/Rear Turn & Front Aux Strobe Kits

- Kits include round 4258-series smart lights (above) and oval 423HSA LED strobes (previous page).
- 4332 four-light kit contains one each 4258A-1X, 4258A-2X, 423HSA-1, 423HSA-2.
- 4333 six-light kit contains the lights listed for the 4332 kit, plus one additional 4258A-1X and 4258A-2X.

MADE IN USA

HARD WIRED

LED Strobe

REG Voltage Regulated

4333 shown

1.35" 35mm
4.25" 108 mm

8.13" 206 mm   1.81" 46 mm
2.56" 65 mm
7.31" 186 mm
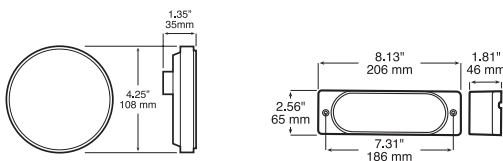
Order No.	Description	Pack	Std Carton
4332	four light kit	box	1
4333	six light kit	box	1

LED

36 diodes

MADE IN USA

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

DUAL or QUAD System

4343A-X version features stripped wires for strobe function plus standard plug connector for turn signal.

1.35" 35mm

4.25" 108 mm

4343 LED Multi-Function Strobe & Rear Turn Signal

- Dual or quad light system functions as both triple-flash, alternating strobes and DOT-compliant rear turn signals.
- Strobing function meets SAE J845 Class 2 specification.
- Activating turn signal automatically overrides strobe function.
- Two power wires allow strobes to be activated two ways, i.e. with cab switch and automatically when shifted into reverse.
- "X" suffix denotes stripped wires for strobe function plus standard plug connector for turn signal.

Order No.	Description	Pack	Std Carton
4343A-1	curbside high w/ hardshell connector	poly pack	6
4343A-2	roadside high w/ hardshell connector	poly pack	6
4343A-3	curbside low w/ hardshell connector	poly pack	6
4343A-4	roadside low w/ hardshell connector	poly pack	6
4343A-1X	curbside high w/ stripped wires & plug	poly pack	6
4343A-2X	roadside high w/ stripped wires & plug	poly pack	6
4343A-3X	curbside low w/ stripped wires & plug	poly pack	6
4343A-4X	roadside low stripped wires & plug	poly pack	6
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100

MULTI-FUNCTION LAMPS ARE BOTH TURN SIGNALS & STROBES!

QUAD INSTALLATION
-2 / -1
POWER SWITCH / GROUND / GROUND / BACKUP LAMP
L TURN SIGNAL / SYNC / R TURN SIGNAL
ROAD SIDE / CURB SIDE
-4 / -3

DUAL INSTALLATION
-2 / -1
ROAD SIDE / CURB SIDE
POWER SWITCH / SYNC / BACKUP LAMP
GROUND / GROUND
L TURN SIGNAL / R TURN SIGNAL

NOTE: "-1" and "-2" lights must be used for all dual lamp installations. "-3" and "-4" models will not function properly in a dual lamp system.

Each self-contained lamp unit has electronic strobe and turn signal functions built in, plus "sync wire" technology that allows lamps to communicate directly with one another all without any external flasher or strobe controller.

ALTERNATING STROBE FUNCTION

TURN SIGNAL OVERRIDE FUNCTION

10 diodes

MADE IN USA

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

1.35" 35mm

4.25" 108 mm

8344 Series rear view

4344 Series rear view

4344/8344 LED Multi-Function Dual/Quad Strobe & Rear Turn Signal

- Lights function similarly to 4343-series strobes above.
- Triple-flash strobe function meets SAE J845 Class 2 specification.
- 4344 series features AMP-compatible main port plus hardwired Packard hardshell connector for sync wire connector.
- 8344 series accepts AMP SuperSeal 1.5 connectors for all functions.
- 4344 and 8344 series are fully compatible.

Order No.	Description	Pack	Std Carton
4344A-1	curbside high w/ one receptacle & sync lead with hardshell connector	mfg. pack	50
4344A-2	roadside high w/ one receptacle & sync lead with hardshell connector	mfg. pack	50
4344A-3	curbside low w/ one receptacle & sync lead with hardshell connector	mfg. pack	50
4344A-4	roadside low w/ one receptacle & sync lead with hardshell connector	mfg. pack	50
8344A-1	curbside high w/ twin receptacles	mfg. pack	50
8344A-2	roadside high w/ twin receptacles	mfg. pack	50
426-18	grommet	poly pack	12
B426-18	grommet	mfg. pack	100

4353 LED Multi-Function
Dual / Quad Strobe & Rear Turn Signal

- Dual or quad light system functions as both triple-flash, alternating strobes and DOT-compliant rear turn signals.
- Fully compatible with 4343 round series.
- Triple-flash strobe function meets SAE J845 Class 2 specification.
- Turn signal function meets DOT rear turn specification.
- Activating turn signal automatically overrides strobe function.
- Two power wires allow strobes to be activated two ways, i.e. with cab switch and automatically when shifted into reverse.
- "X" suffix denotes stripped wires for strobe function plus standard plug connector for turn signal.

22 diodes

MADE IN USA

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

DUAL or QUAD System

"-X" version has stripped wires for strobe function and standard plug for turn signal connection.

2.25" 57 mm
6.50" 165 mm
1.375" 35 mm
0.875" 23 mm

Order No.	Description	Pack	Std Carton
4353A-1	curbside high w/ hardshell connector	mfg. pack	50
4353A-2	roadside high w/ hardshell connector	mfg. pack	50
4353A-1X	curbside high w/ stripped wires & plug	mfg. pack	50
4353A-2X	roadside high w/ stripped wires & plug	mfg. pack	50
4353A-3X	curbside low w/ stripped wires & plug	mfg. pack	50
4353A-4X	roadside low stripped wires & plug	mfg. pack	50
B421-18	rubber grommet	mfg. pack	100

MULTI-FUNCTION LAMPS ARE BOTH TURN SIGNALS & STROBES!

ROAD SIDE 4353A-2 4353A-1 CURB SIDE
SYNC
BACKUP LAMP POWER SWITCH
GROUND GROUND
L TURN SIGNAL R TURN SIGNAL

NOTE: "-1" and "-2" lights must be used for all dual lamp installations. "-3" and "-4" models will not function properly in a dual lamp system.

ALTERNATING STROBE FUNCTION

TURN SIGNAL OVERRIDE FUNCTION

Each self-contained lamp unit has electronic strobe and turn signal functions built in, plus "sync wire" technology that allows lamps to communicate directly with one another all without any external flasher or strobe controller.

4353A-2 4353A-1
BACKUP LAMP GROUND GROUND POWER SWITCH
L TURN SIGNAL SYNC R TURN SIGNAL
ROAD SIDE CURB SIDE
4353A-4 4353A-3

8363 LED Multi-Function
Dual / Quad Strobe & Rear Turn Signal

- Lights function similarly to 4353-series strobes above.
- Triple-flash strobe function meets SAE J845 Class 2 specification.
- 8363 series accepts AMP SuperSeal 1.5 connectors for all functions.

10 diodes

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

Order No.	Description	Pack	Std Carton
8363A-1	curbside high w/ twin receptacles	mfg. pack	50
8363A-2	roadside high w/ twin receptacles	mfg. pack	50
B421-18	rubber grommet	mfg. pack	100

2.25" 57 mm
6.50" 165 mm
1.42" 36 mm

LED
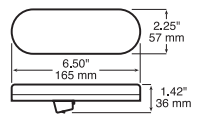
4153SA

PROGRAMMABLE!

4154SA
Bracket Mount

4153SA

1.06"
27 mm
5.04"
128 mm
0.67"
17 mm
Does not include
1/8" (3 mm) gasket

4153SA

1.00"
25 mm
4.25"
108 mm
1.75"
44 mm

4154SA

6
diodes

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

CLEAR LENS COLORED LIGHT

4153SA/4154SA LED
Compact Programmable Strobe

- *Meets SAE J845 Class 1*
- 6 super bright diodes.
- 12-24 volt operating range.
- 19 programmable flash patterns
- Solid-state design.
- 4153SA features convenient screw-on surface mounting and includes foam base gasket.
- 4154SA comes complete with adjustable, clamp-on/adhesive mounting bracket.
- All mounting hardware included.

Order No.	Description	Pack	Std Carton
4153SA	amber, surface mount	box	1
4154SA	amber, bracket mount	box	1

NEW!

PROGRAMMABLE!
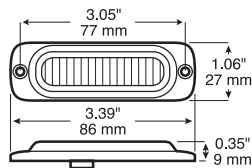
3.05"
77 mm
1.06"
27 mm
3.39"
86 mm
0.35"
9 mm

3
diodes

HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

CLEAR LENS COLORED LIGHT

4155SA LED
Low-Profile Surface-Mount Strobe

- Low-profile LED amber warning strobe.
- Screw mounts on 3-inch centers.
- 12 programmable flash patterns.
- Meets SAE J595 Class 1.
- 3 super bright diodes.
- Compatible with 12VDC and 24VDC systems.
- Aluminum base for heat dissipation.
- Multiple units can synchronize for simultaneous or alternating flash.

Order No.	Description	Pack	Std Carton
4155SA	surface mount	box	1

NEW!

PROGRAMMABLE!

4.73"
120 mm
1.18"
30 mm
5.16"
131 mm
0.28"
7 mm

6
diodes
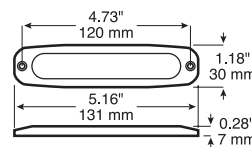
HARD WIRED

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

CLEAR LENS COLORED LIGHT

4156SA LED
Surface-Mount Strobe Pad

- Low-profile LED amber warning strobe with pad mount.
- Mounts using screws and high-strength self-adhesive backing (both included).
- 23 programmable flash patterns.
- Meets SAE J595 Class 1 & ECE Reg 10.
- 6 super bright diodes.
- Compatible with 12VDC and 24VDC systems.
- Aluminum base for heat dissipation.
- Multiple units can synchronize for simultaneous or alternating flash.

Order No.	Description	Pack	Std Carton
4156SA	surface mount	box	1

316 LED
Battery-Operated Flashing Hazard Light

18 diodes

VIZ PACK

magnetic

- 6" x 4" battery-powered LED flashing light.
- Available in amber or red.
- Magnetic mount attaches securely to back of vehicle or trailer.
- 18 bright, highly visible diodes.
- 3-way switch for flashing or steady-on operation.
- 180 flashes per minute in flash mode.
- Requires four AA batteries (not included).
- Can flash for 36 hours or more on one set of alkaline batteries.
- Can be optionally configured as self-standing easel.
- Sealed lens and base.

Order No.	Description	Pack	Std Carton
V316MA	amber	Viz Pack	4
V316MR	red	Viz Pack	4

3.95" 100 mm
6.30" 160 mm
1.90" 48 mm
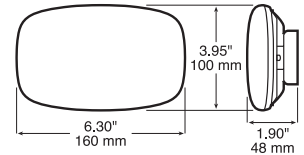
Rear view shows twin magnets and push-button switch

740 LED
Battery-Operated Flashing Safety Beacon

24 diodes

LED Strobe

magnetic

- All purpose, battery-powered portable light.
- 300-400 hour run time on 2 D batteries (not included).
- Carry strap included.
- Heavy-duty magnetic base.
- Optional mounting bracket available.
- 65 flashes per minute.
- Photocell mode switch located inside battery compartment.
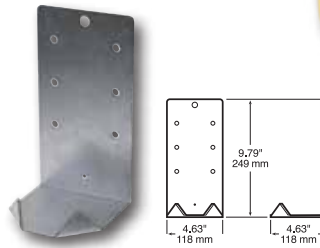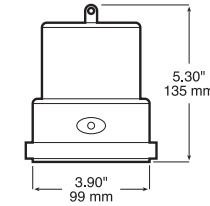
Order No.	Description	Pack	Std Carton
740A	amber	box	1
740R	red	box	1
740-09	bracket	box	1

5.30" 135 mm
3.90" 99 mm

9.79" 249 mm
4.63" 118 mm
4.63" 118 mm

740-09 Bracket

772 LED
Alternating Beacon w/Magnetic Mount

16 diodes

VIZ PACK

magnetic

- 16 bright amber diodes.
- Alternating upper and lower flashing compartments.
- 90 flashes per minute.
- Low amp draw.
- 9-16 volt operating range.
- Integral 12' coil cord and lighter socket plug.
- Mounts with three powerful magnets in base.

5.50" 140 mm
4.63" 118 mm

Upper Flash

Lower Flash
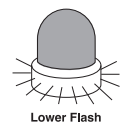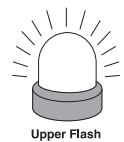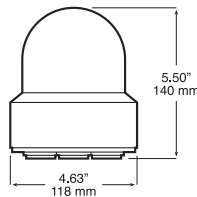
Order No.	Description	Pack	Std Carton
V772A	amber	Viz Pack	4

VIZ PACK
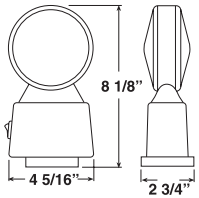
magnetic

314
Magnetic-Mount Hazard Flasher Light

- Temporary, auxiliary warning light.
- Ready-to-use; requires no wiring.
- For farm equipment or towing applications.
- Powerful magnetic base.
- Operates on four AA batteries (not included).

8 1/8"

4 5/16"

2 3/4"

Order No.	Description	Pack	Std Carton
V314MA	amber	Viz Pack	4
313-15A	amber replacement lens	poly pack	10

VIZ PACK

magnetic

555
Magnetic-Mount Tow Light Kit

- Two auxiliary warning lights with magnetic bases.
- Kit includes trunk harness, 20' four-wire harness, connectors, and instructions.
- Plugs into standard flat four-way vehicle trailer light connector.
- Packaged in attractive, self-service visual pack kit.

5.67"
144 mm

4.00"
102 mm

2.44"
62 mm
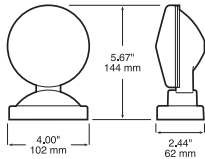
Order No.	Description	Pack	Std Carton
V555	complete kit	Viz Pack	2
313-15R	red replacement lens	poly pack	10
1157	replacement bulb		

2 bulbs

VIZ PACK

LED Version Available
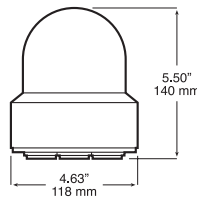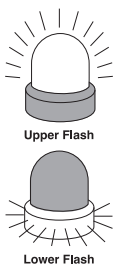
magnetic

773
Alternating Beacon w/Magnetic Mount

- Twin incandescent bulbs flash alternately.
- 12 volt.
- 90 flashes per minute.
- Solid-state design for reliable, silent operation.
- Mounts with three powerful magnets in base.
- 12' coil cord with lighter socket plug.
- See 772 LED version on previous page.

Upper Flash

Lower Flash

5.50"
140 mm

4.63"
118 mm

Order No.	Description	Pack	Std Carton
V773A	amber	Viz Pack	2
771-15A	amber replacement lens	box	1
R10W	replacement bulb		

771
Economy Revolving Beacon

- 12 volt.
- Incandescent bulb.
- 60 flashes per minute.
- Low-noise drive motor.
- Mounts with three powerful magnets in base.
- 12' coil cord with lighter socket plug.

VIZ PACK

magnetic

Order No.	Description	Pack	Std Carton
V771A	amber	Viz Pack	2
V771B	blue	Viz Pack	4
771-15A	amber replacement lens	box	1
771-15B	blue replacement lens	box	1
771-15R	red replacement lens	box	1
R10W	replacement bulb		

5.50"
140 mm

4.63"
118 mm
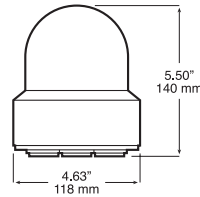
774
Teardrop Revolving Beacon

- 12 volt incandescent bulb.
- 90+ flashes per minute.
- Polished rotating reflector for maximum output.
- Low-noise drive motor.
- Magnetic mount.
- 12' coil cord with lighter socket plug.

VIZ PACK

magnetic

Order No.	Description	Pack	Std Carton
V774A	amber	Viz Pack	4
V774R	red	Viz Pack	4
774-15A	amber replacement lens	box	1
774-15B	blue replacement lens	box	1
774-15R	red replacement lens	box	1
1141	replacement bulb		

5 1/4"

7 1/8"

5"

MADE IN USA
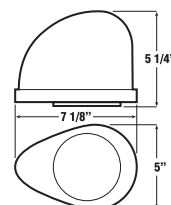
magnetic

763
Revolving Beacon

- Low cost, magnetic-mount revolving light.
- 12 volt.
- 6,600 candle power from incandescent bulb with reflector.
- Rotating reflector provides 135 flashes per minute.
- Acrylic lens.
- Rubber-covered aluminum base with 60 lb. magnet.
- Equipped with 15' straight cord and lighter socket plug with built-in on/off switch and LED indicator.
- Red and blue lenses also available by special order only.

5 1/4"

5 1/2"
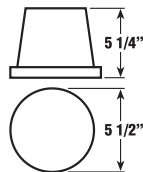
Order No.	Description	Pack	Std Carton
763A	amber	box	1
756-15A	amber replacement lens	box	1
BB-22	replacement motor and gear	box	1
1195	replacement bulb		

MADE IN USA

magnetic

24 Volt Version

756
Revolving Light

TRIPLE LENS DESIGN

- Available in 12 volt or 24 volt versions.
- Center-mounted 50 candle power incandescent bulb.
- 110 flashes per minute.
- Three rotating 2 1/4" polycarbonate bulls-eye lenses.
- Stainless steel base.
- 756MA includes magnetic base and lighter socket plug.

7 1/2"

4" 5 3/4"
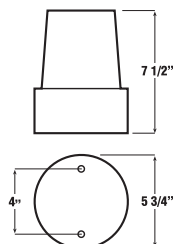
Order No.	Description	Pack	Std Carton
756A	amber, 12V	box	1
756MA	amber, 12V magnetic mount	box	1
756A24	amber, 24V	box	1
756R24	red, 24V	box	1
756-15A	amber replacement lens	box	1
756-15B	blue replacement lens	box	1
756-15R	red replacement lens	box	1
756-21	retainer	poly pack	1
756-23	gasket	poly pack	1
BB-22	replacement motor and gear	box	1
1195	replacement bulb		

745 LED
360° Strobing Beacon

- Designed for vehicle applications where a small very bright warning light is required.
- Meets SAE J845, Class 2A specifications.
- 72 quad flashes per minute.
- Four (4) super bright diodes on sq. extrusion (1 per side).
- Polycarbonate lens and base are sonic welded.
- Low 1.2 amp maximum current draw.
- Compatible with 12V and 24V vehicles.
- Standard 3-hole mounting.

4 diodes

MADE IN USA

LED Strobe

MV Multi-Volt 12V & 24V

NEW!
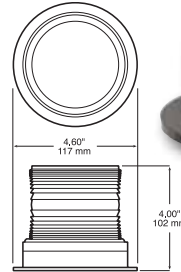
Order No.	Description	Pack	Std Carton
745A	amber	box	1

4,60" 117 mm

4,00" 102 mm

762 LED
360° Strobing Beacon

- 65 "double-quad" flashes per minute.
- Meets SAE J845 Class 3A specifications.
- Ideal for material handling equipment.
- Polycarbonate lens and base.
- 11-48 volt operating range.
- 11" lead wires.
- Reverse voltage protected.
- Low amp draw: 0.15@12v, .13 @48v.
- Standard 3-hole mounting on 4.57 " bolt circle.

3 diodes

LED Strobe

MV Multi-Volt 12V & 24V

NEW!
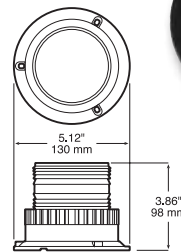
Order No.	Description	Pack	Std Carton
762A	amber	box	1

5.12" 130 mm

3.86" 98 mm

764 LED
Micro-Strobe Light

- 16 super bright diodes.
- 9-36 volt operating range.
- Triple flash function.
- 65 triple flashes per minute.
- Solid-state design.
- Screw-on fresnel lens design with weather-resistant O-ring seal.
- Permanent mount version mounts on 3-hole, 4.57 " bolt circle using #8 screws, or on pipe with 1/2-14 American National Pipe threads.
- Magnetic mount version includes 24" coil cord and lighter socket plug.

16 diodes

VIZ PACK

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated
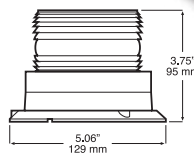
magnetic

Order No.	Description	Pack	Std Carton
V764MA	amber, magnetic	Viz Pack	2
764A	amber	box	1
766-25A	amber replacement lens	box	1

3.75" 95 mm

5.06" 129 mm

LED

5 diodes

MADE IN USA

LED Strobe

MV Multi-Volt 12V & 24V

magnetic

791 LED
Low Profile Strobing Beacon

- Five super-high output 2.5W LEDs.
- 360° display and 4 User-selectable patterns.
- Multivolt configuration is compatible with 12 and 24 volt systems.
- Low 0.8 amp maximum current draw.
- Meets SAE Class 2A specifications.
- Polycarbonate lens and flange base.
- Magnetic-mount version has 15' cord and plug with integral switch.

Ø 6.20" 157 mm

5.64" 143 mm

4.56" 116 mm

7.00" 178 mm
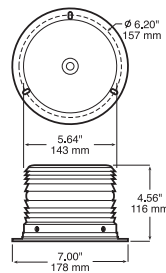
Order No.	Description	Pack	Std Carton
791A	flange mount	box	1
791MA	magnetic mount	box	1
791-25A	amber replacement lens	box	1

NEW!

24 diodes

LED Strobe

MV Multi-Volt 12V & 24V

797 LED
360° Strobing Beacon

- Single amber quad flash function.
- Meets SAE Class 2A specifications.
- Ideal for material handling equipment.
- 65 quad flashes per minute.
- Polycarbonate lens and base.
- 9-36 volt operating range.
- 18" wire lengths with strip wires.
- Reverse voltage protected.
- Low amp draw: 0.56@12v, 0.25 @28v.
- Standard 3-hole mounting.
- Replaces 767A-2 & 767A-3

5.63" 143 mm

3.75" 95 mm
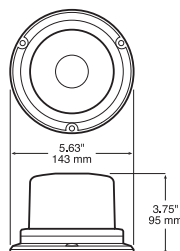
Order No.	Description	Pack	Std Carton
797A	amber	box	1

798 LED
360° Strobing Beacon

- 5.6" tall.
- Meets SAE Class 1A specifications in modes 2,4 & 7.
- 360° display and 20 User-selectable patterns.
- Multivolt configuration is compatible with 12 and 24 volt systems.
- 12" cable.
- Permanent base mounts with pipe or 3 screws for easy, secure installation.
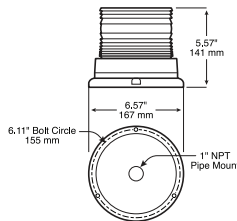
12 diodes

LED Strobe

MV Multi-Volt 12V & 24V

PROGRAMMABLE!

NEW!

5,57"
141 mm

6,57"
167 mm

6,11" Bolt Circle
155 mm

1" NPT
Pipe Mount

Order No.	Description	Pack	Std Carton
798A	amber	box	1

799 LED
360° Strobing Beacon

- 8.25" tall.
- Ruggedized design for construction/heavy-duty applications
- Five user-selectable flash patterns:
  - ① Quad flash (72 qfpm)
  - ② Fast single flash (80 fpm)
  - ③ Slow single flash (50% on time)
  - ④ Random Flash
  - ⑤ Hex flash (60 hex bursts/min)
- Meets SAE Class 1A specifications in modes 3 & 5.
- Multivolt configuration is compatible with 12 and 24 volt systems.
- Comes with mounting bolts attached to base.
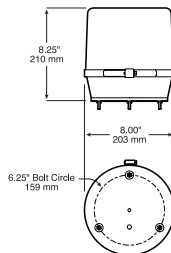
MADE IN USA

LED Strobe

MV Multi-Volt 12V & 24V

PROGRAMMABLE!

NEW!

8.25"
210 mm

8.00"
203 mm

6.25" Bolt Circle
159 mm

Order No.	Description	Pack	Std Carton
799A	amber, pipe mount	box	1

LED
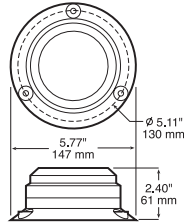
748
2-Joule Low Profile Strobe Light

MV Multi-Volt 12V & 24V

- Low-profile design.
- 72 single flashes per minute.
- 12–120 VDC operating range.
- Amber polycarbonate lens and ABS housing.
- Three mounting holes for easy, secure screw mounting

Ø 5.11" 130 mm
5.77" 147 mm
2.40" 61 mm

Order No.	Description	Pack	Std Carton
748A	amber	box	1
748C	clear	box	1
748-25A	amber replacement lens	box	1
748-25C	clear replacement lens	box	1
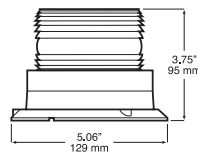
766
2 Joule Micro-Strobe Beacon

VIZ PACK
MV Multi-Volt 12V & 24V
magnetic

- 9–72 volt operating range.
- 78 single flashes per minute.
- 2 joule strobe tube.
- 0.4 amp draw at 12 volts.
- Screw-on fresnel lens with weather-resistant O-ring seal.
- Permanent mount model mounts on flat surface or on pipe with 5" diameter plate using 3 #8 screws.
- Magnetic-mount model is equipped with 12' coil cord and 12V plug.
- Meets SAE Class 3 specifications.

3.75" 95 mm
5.06" 129 mm

Order No.	Description	Pack	Std Carton
V766MA	amber, magnetic	Viz Pack	2
766A	amber	box	1
766-25A	amber replacement lens	box	1
766ST	replacement bulb	box	1
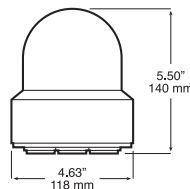
768
Economy Strobe Beacon

VIZ PACK
MV Multi-Volt 12V & 24V
magnetic

- 12 to 24 volt operating range.
- Double flash.
- 120 flashes per minute.
- Mounts with three powerful magnets in base.
- 12' coil cord with lighter socket plug.

5.50" 140 mm
4.63" 118 mm

Order No.	Description	Pack	Std Carton
V768A	amber	Viz Pack	4
771-15A	amber replacement lens	box	1

769
2 Joule Single Flash Strobe Beacon

- 12 volt
- 60 single flashes per minute
- 2 joule/150 candela-second brightness
- Shock-resistant rubber base, encapsulated circuitry
- Magnetic-mount model is equipped with 15' coil cord and lighter socket plug with built-in on/off switch and LED indicator.

magnetic

4 1/2"
5 3/4"
4"
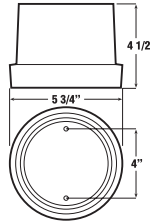
Order No.	Description	Pack	Std Carton
769A	amber	box	1
769B	blue	box	1
769C	clear	box	1
769R	red	box	1
769MA	amber, magnetic	box	1

Order No.	Description	Pack	Std Carton
769-25A	amber replacement lens	box	1
769-25B	blue replacement lens	box	1
769-25C	clear replacement lens	box	1
769-25R	red replacement lens	box	1
L2-77	replacement strobe tube	box	1

769-1
4 Joule Double Flash Strobe Beacon

- 12-48 volt operating range.
- 60 double flashes per minute.
- 4 joule/300 candela-second brightness.
- 0.8 amp draw at 12 volts.
- Shock-resistant rubber base, encapsulated circuitry.
- See 769 strobe for replacement 4 1/2" lenses and strobe tube.

MV Multi-Volt 12V & 24V

769-1HA equipped with 6" tall lens
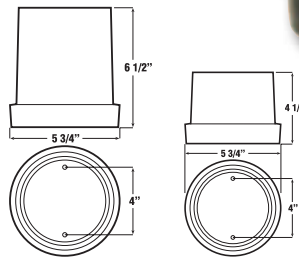
Order No.	Description	Pack	Std Carton
769-1A	amber	box	1
769-1B	blue	box	1
769-1C	clear	box	1
769-1R	red	box	1
769-1HA	amber, 6" tall	box	1
769-25HA	amber repl. 6" lens	box	1

6 1/2"
5 3/4"
4"

4 1/2"
5 3/4"
4"

769-2
5 Joule Quad Flash Strobe Beacon

- 12-48 volt operating range.
- 65 quad flashes per minute.
- 5 joule/400 candela-second brightness.
- Shock-resistant rubber base, encapsulated circuitry.
- Magnetic-mount
- Equipped with 15' cord and lighter socket plug with built-in on/off switch and LED indicator.
- See 769 strobe for replacement lenses.

MV Multi-Volt 12V & 24V
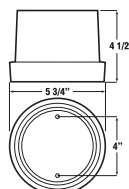
magnetic

Order No.	Description	Pack	Std Carton
769-2MA	amber, magnetic	box	1
L2X-77	replacement strobe tube	box	1

4 1/2"
5 3/4"
4"

Heavy Duty Construction

MADE IN USA

Multi-Volt 12V & 24V

787
6 Joule Extreme Duty Strobe Beacon

- Heavy duty, U-shaped strobe tube withstands high vibration.
- 12-24 volt operating range.
- 65 double flashes per minute.
- 6 joule/150 candela-second brightness.
- Polycarbonate fresnel lens.
- Shock-resistant rubber base and encapsulated circuitry resist dust, high humidity, and salt spray.
- See 769 strobe for replacement lenses.
- Blue, clear, green and red also available by special order only.

4 1/2"
5 3/4"
4"

Order No.	Description	Pack	Std Carton
787A	amber	box	1
STU15AM-77	replacement strobe tube	box	1

Heavy Duty Construction

MADE IN USA

Multi-Volt 12V & 24V
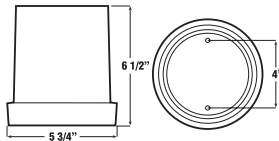
788
15 Joule Extreme-Duty Strobe Beacon

- Heavy duty, helical, xenon strobe tube withstands high vibration.
- Anti-shock suspended fixture to further isolate strobe tube.
- 12-24 volt operating range.
- 60 double flashes per minute.
- 15 joule/900 candela-second brightness.
- Low 1.6 amp current draw.
- Meets SAE Class 1A specifications.
- 6" tall polycarbonate fresnel lens.
- Shock-resistant rubber base and encapsulated circuitry resist dust, high humidity, and salt spray.
- Blue, clear, green and red also available by special order only.

6 1/2"
4"
5 3/4"

Order No.	Description	Pack	Std Carton
788A	amber	box	1
769-25HA	amber replacement lens	box	1
585-77	replacement strobe tube	box	1

MADE IN USA

Multi-Volt 12V & 24V

magnetic
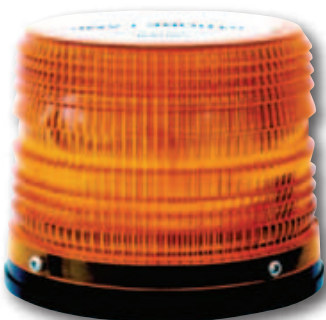
789
10 Joule Quad Flash Strobe Beacon

- 12-24 volt operating range.
- 75 quad flashes per minute.
- 10 joule/825 candela-second brightness.
- Meets SAE Class 2A specifications.
- Corrosion-free polycarbonate base and fresnel lens.
- Magnetic-mount model is equipped with 15' cord and lighter socket plug with built-in on/off switch and LED indicator.
- See 769 strobe for replacement lenses.

4 1/2"
4"
5 5/8"

Order No.	Description	Pack	Std Carton
789A	amber	box	1
789R	red	box	1
789MA	amber, magnetic	box	1
L3-77	replacement strobe tube	box	1

790
17 Joule Quad Flash Strobe Beacon

- 12-24 volt operating range.
- 70 quad flashes per minute.
- 17 joule/650 candela-second brightness.
- Meets SAE Class 2A specifications.
- Powder-coated aluminum base and fresnel lens.
- See 769 strobe for replacement lenses.

Order No.	Description	Pack	Std Carton
790A	amber	box	1
790B	blue	box	1
790C	clear	box	1
790R	red	box	1
L7-77	replacement strobe tube	box	1
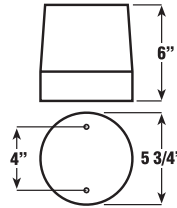
792
14 Joule Double Flash School Bus Beacon

- White strobe for school bus applications
- 12-24 volt operating range.
- 70 dual flashes per minute.
- 14 joule/500 candela-second brightness.
- Polycarbonate lens and base.
- Includes durable foam mounting gasket.

Order No.	Description	Pack	Std Carton
792C	white	box	1
L3-77	replacement strobe tube	box	1
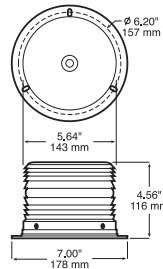
793
17 Joule Quad Flash Strobe Beacon

- 12-24 volt operating range (12-24 volt for magnetic mount model).
- 70 quad flashes per minute.
- 17 joule/1200 candela-second brightness.
- Meets SAE Class 2A specifications.
- Inner polycarbonate fresnel lens with outer acrylic lens cover.
- Corrosion-free polycarbonate base with stainless steel clamp ring.
- Blue, clear and red lenses also available by special order only.
- See LED version on page 147.

Order No.	Description	Pack	Std Carton
793A	amber, 12-24V	box	1
755-15A	amber replacement lens	box	1
769-25C	clear inner repl. lens	box	1
L7-77	replacement strobe tube	box	1
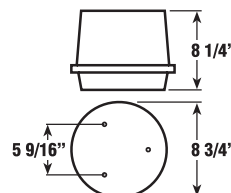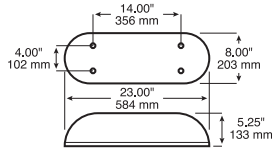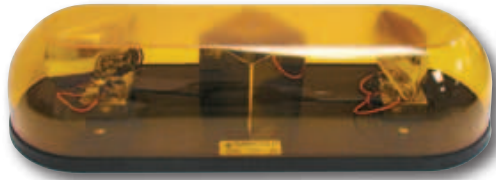
2 bulbs

MADE IN USA

magnetic

761
23" Revolving Halogen Mini Light Bar

- Dual 12 volt, 55-watt halogen bulbs with dual rotating reflectors.
- 270 FPM flash rate.
- Modular construction with field-replaceable lens, bulbs and motor.
- Magnetic mount model features four 75 lb. vertical pull magnets, 15'
  straight cord and lighter socket plug with integral on/off switch.

Order No.	Description	Pack	Std Carton
761A	amber, permanent	box	1
761MA	amber, magnetic	box	1
760-25A	amber replacement lens	box	1
VH550	halogen replacement bulb	Viz Pack	12

14.00"
356 mm
4.00"
102 mm
8.00"
203 mm
23.00"
584 mm
5.25"
133 mm
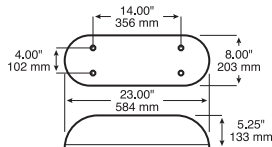
MADE IN USA

MV Multi-Volt 12V & 24V

magnetic

760
23" Xenon Strobe Mini Light Bar

- Alternating quad-flash strobes produce 75 quad flashes per min.
- 12-24 volt operating range.
- Meets SAE J845 Class 2A specifications.
- Amber outer lens and clear fresnel lenses.
- Polycarbonate outer lens and powder-coated metal base.
- Magnetic mount model features four 45 lb. magnets, 15' straight cord
  and lighter socket plug with integral on/off switch.
- Permanent mount unit has 36" lead wires.

Order No.	Description	Pack	Std Carton
760A	amber, permanent	box	1
760MA	amber, magnetic	box	1
760-25A	amber repl. outer lens	box	1
760-25C	clear repl. outer lens	box	1
769-25A	amber repl. inner lens	box	1
769-25C	clear repl. inner lens	box	1
L3-77	replacement strobe tube	box	1

14.00"
356 mm
4.00"
102 mm
8.00"
203 mm
23.00"
584 mm
5.25"
133 mm

LED

NEW!

PROGRAMMABLE!

Magnetic mount kit available

13.97"
355 mm
8.07"
205 mm
2.08"
355 mm
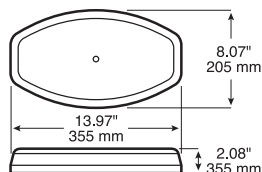
24 diodes

LED Strobe

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

magnetic

751A LED
Low Profile Strobing Mini Light Bar

- 360° display with 23 user-selectable patterns.
- Output meets SAE J845 Class 1A & ECE R10-04 in flash modes
  10,12,13, & 15.
- Multivolt configuration is compatible with 12 and 24 volt systems.
- Mounts permanently, or use optional magnetic mount kit that includes
  dual-switch standard accessory plug and twin suction/magnet
  mounting cups.
- Integral reverse polarity protection.
- Current draw is 3.8 amps @ 12V, 1.9 amps @ 24V.
- 6 amp fuse recommended.

Quick-disconnect
cord standard

Order No.	Description	Pack	Std Carton
751A	amber, permanent mount	box	1
751-24K	magnetic mount kit	box	1

752 LED
Low Profile Strobing Mini-Bar

80 diodes

MADE IN USA

LED Strobe

MV Multi-Volt 12V & 24V

magnetic

- SAE J845 Class 2A light output
- Compatible with both 12 and 24 volt systems
- 2.75" low profile dome, 17.25" wide
- Low 1.4 amp maximum current draw
- Cycles thru pre-programmed flash patterns
- 752MA Magnetic mount version includes 15' straight cord and plug with on / off switch

752MA shown

12.88" 327 mm

4.37" 111 mm

MOUNTING STUDS ON BOTTOM

9.37" 238 mm

17.09" 434 mm

2.67" 68 mm
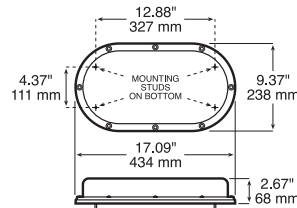
Order No.	Description	Pack	Std Carton
752A	permanent mount	box	1
752MA	w/ cord, plug & switch	box	1

778 LED
35" Sequencing Directional Light Bar

96 diodes

MADE IN USA

MV Multi-Volt 12V & 24V

- Eight lamp heads.
- 12-24 volt operating range.
- Low 1.4 amp draw.
- 16 different flash modes.
- Low profile, powder-coated aluminum housing.
- Includes 25' cable, touch pad controller and two L-shaped brackets.

2.38" 60 mm

34.75" 883 mm

5.00" 127 mm
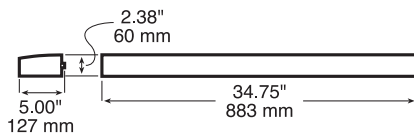
Replacement cable available separately.

Order No.	Description	Pack	Std Carton
778A	amber	box	1
778-48	replacement cable	poly pack	1

779-1 LED
55" Arrow Stick

90 diodes

MADE IN USA

- Ten bright, multi-volt LED lamps feature extra long life and low amp draw.
- Four traffic control flash modes—left arrow, right arrow, center lamps only, and all lamps flashing.
- Aluminum housing with black powder coat finish and horizontal mounting flange.
- Includes 25' cable and power control box.

13.00" 330 mm

53.00" 1346 mm

4"
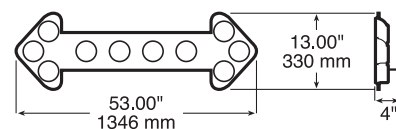
Order No.	Description	Pack	Std Carton
779-1A	amber	box	1
M817A-9	replacement light	mfg. pack	50

LED

ECE COMPLIANT LIGHTING: SERVING MARKETS ABROAD

The United Nations Economic Commission for Europe (UNECE), founded in 1947, works to promote pan-European economic integration. The European Union (EU) works closely with the UNECE in developing its uniform vehicle equipment code for member states, so EU vehicle lighting requirements mirror UNECE standards to a great degree. Peterson's ECE-compliant lighting products are certified to meet the applicable legal requirements for road vehicles in EU member countries and in other nations around the world that subscribe to ECE vehicle equipment standards.

ECE & DOT Product listings featuring this icon meet both DOT and ECE vehicle equipment standards, and are legal for use both in North American and ECE markets. These are listed in the various other parts of this catalog.

ECE EXPORT ONLY Peterson manufactures the products listed in this ECE-compliant section for our customers who serve markets outside North America. Vehicle equipment regulations in the United States, Canada and Mexico differ from those in EU/ECE nations; use of these lights may violate national or local laws. **US Federal regulations expressly forbid the sale of these lights domestically as replacements or substitutes for required DOT-compliant vehicle lighting equipment.**

NEW!

3.90"
99 mm

7.00"
178 mm

1.79"
45 mm
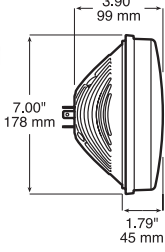
Scan this QR code to view info online.

Halogen

LED

These images show the difference between standard halogen sealed beams and Peterson's LED headlights. They were taken in the same vehicle, in the same spot, with the same exposure settings. The difference speaks for itself!

Low beam pattern shown.
Installed in 1997 Jeep Wrangler test vehicle without altering headlight aim.

4 diodes

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

701C LED ECE-Compliant 7" (178 mm) PAR 56 Headlight

Great White

- Compliant with ECE Regs 112 & 7 for left-hand traffic.
- 1350/1700 lumen output (low/high beam).
- Wider, more even beam pattern than halogen bulbs.
- Built-in front postion light includes dedicated LEDs and blade terminal connection for ECE position lamp function.
- Designed to last many times longer than a traditional sealed beam.
- Standard 3-blade H4 connection and position lamp blade terminal are integrated directly into the heavy-duty cast alloy rear housing.
- Multivolt design is compatible with both 12V and 24V systems.
- Low power consumption — 2.1A @ 12V, 1.0A @ 24V.
- LED replacement for PAR56 7-inch standard headlights.
- 5400k ~ 6300k color temperature closely matches natural daylight.
- UV- and impact-resistant, hard-coated polycarbonate lens
- Requires 701-491 anti-flicker harness for use on CANBUS-equipped vehicles, including '07 and newer Jeep Wrangler.
- Does not function as a daytime running light (DRL).
- Patent pending.

Includes two masking decals (required when driving in countries with right-hand traffic), along with application template and instructions.

Order No.	Description	Pack	Std Carton
701C-ECE-LHT	ECE for Left Hand Traffic	box	1
701-491	anti-flicker harness	poly pack	1
701-83	replacement masking decal kit	mfg. pack	1

Turn signal

Stop & tail light with integral rear reflex

Back-up light
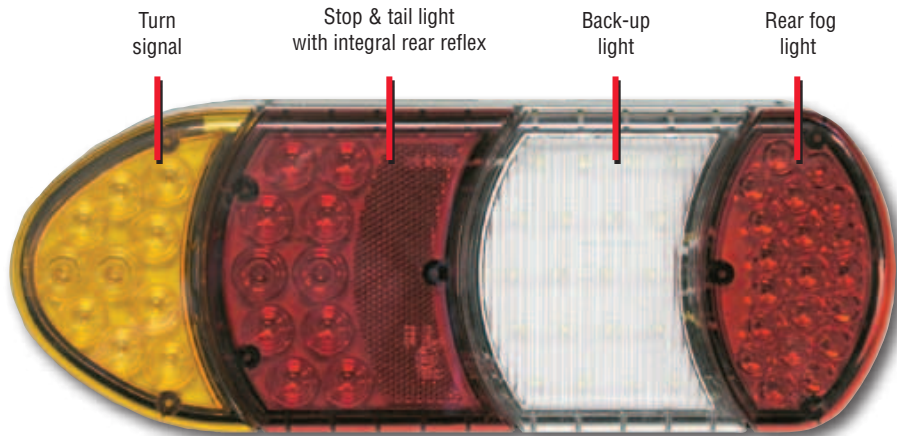
Rear fog light

1288 LED ECE-Compliant Stud-Mount Rear Cluster Light

- Combination side marker, Combination tail, stop, rear fog, turn signal and back-up light.
- Integral rear reflex.
- Certified to applicable ECE regulations.
- Surface mounts with four studs.
- Universal design mounts on left or right side of vehicle.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design features 12" (300 mm) sheathed cable with a single 6-pole AMP plug for all wiring connections.
- Sealed components meet IP67 ingress protection level.
- Optional snap-in rear license plate light (not included with 1288 light).
- Individual replacement light modules sold separately.
- Replacement modules come with adhesive-filled heat-sealable connectors for corrosion resistant butt-splices to existing wiring.

HARD WIRED

MV Multi-Volt 12V & 24V

INTEGRAL REFLEX

ECE EXPORT ONLY

AMP plug

Integral mounting studs
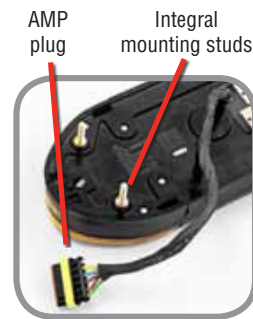
Two receptacles on either side accept optional license light

Two standard receptacle covers keep debris out

All component modules available separately for replacement of individual components.

End-positioned side marker light standard

Order No.	Description	Pack	Std Carton
1288	cluster light assy, stud mount	mfg. pack	10
1288C	optional white license plate module	mfg. pack	10
1288A	replacement side marker	mfg. pack	10
1288B	replacement back-up light	mfg. pack	10
1288F	replacement rear fog light	mfg. pack	10
1288R	replacement tail / stop light	mfg. pack	10
1288TA	replacement turn signal	mfg. pack	10
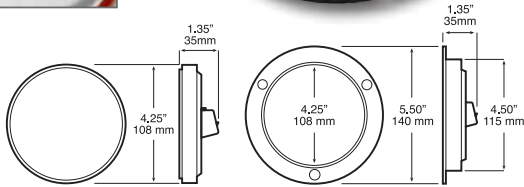
4.85" 123 mm
2.00" 51 mm
13.12" 333 mm
2.00" 51 mm
9.85" 250 mm

LED

NEW!

9 diodes

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

1217-9/1218-9 *LumenX®* LED ECE Compliant Round Stop, Turn & Tail Light

- New white diodes and advanced optics fully illuminate red lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent output.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and 817-49 plug. 1217KR-9 also includes grommet.
- Sealed lens and housing meets IP67 ingress level.
- Grommet version fits 114 mm hole in material up to 6 mm.
- Also fits surface-mount pods & brackets on pages 177–178.

1.35" 35mm — 4.25" 108 mm — 4.25" 108 mm — 5.50" 140 mm — 1.35" 35mm — 4.50" 115 mm

Order No.	Description	Pack	Std Carton
1217R-9	red, grommet mount	mfg. pack	50
1217KR-9	red kit, grommet mount	mfg. pack	50
1218R-9	red, flange mount	mfg. pack	50
1218KR-9	red kit, flange mount	mfg. pack	50
B426-18	rubber grommet	mfg. pack	100
B417-49	hardshell plug	mfg. pack	100

NEW!
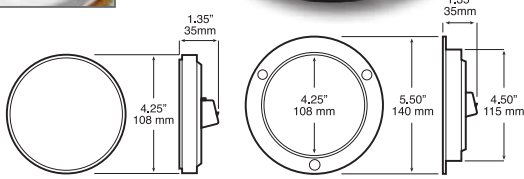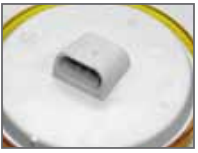
9 diodes

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

1217-9/1218-9 *LumenX®* LED ECE Compliant Round Turn Signal Light

- New white diodes and advanced optics fully illuminate amber lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent output.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and 817-48 plug. 1217KA-9 also includes grommet.
- Sealed lens and housing meets IP67 ingress level.
- Grommet version fits 114 mm hole in material up to 6 mm.
- Also fits surface-mount pods & brackets on pages 177–178.

1.35" 35mm — 4.25" 108 mm — 4.25" 108 mm — 5.50" 140 mm — 1.35" 35mm — 4.50" 115 mm

Order No.	Description	Pack	Std Carton
1217A-9	amber, grommet mount	mfg. pack	50
1217KA-9	amber kit, grommet mount	mfg. pack	50
1218A-9	amber, flange mount	mfg. pack	50
1218KA-9	amber kit, flange mount	mfg. pack	50
B426-18	rubber grommet	mfg. pack	100
B417-48	hardshell plug, 2-wire	mfg. pack	100

NEW!
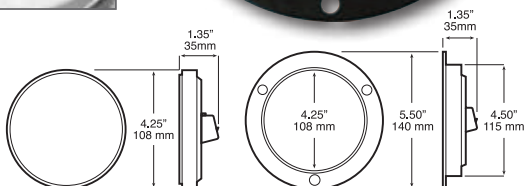
9 diodes

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

1217-9/1218-9 *LumenX®* LED ECE Compliant Round Reverse Light

- White diodes fully illuminate advanced optics lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent output.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and 817-48 plug. 1217KC-9 also includes grommet.
- Sealed lens and housing meets IP67 ingress level.
- Grommet version fits 114 mm hole in material up to 6 mm.
- Also fits surface-mount pods & brackets on pages 177–178.

1.35" 35mm — 4.25" 108 mm — 4.25" 108 mm — 5.50" 140 mm — 1.35" 35mm — 4.50" 115 mm

Order No.	Description	Pack	Std Carton
1217C-9	white, grommet mount	mfg. pack	50
1217KC-9	white kit, grommet mount	mfg. pack	50
1218C-9	white, flange mount	mfg. pack	50
1218KC-9	white kit, flange mount	mfg. pack	50
B426-18	rubber grommet	mfg. pack	100
B417-48	hardshell plug, 2-wire	mfg. pack	100

LED

1217F LED ECE Compliant
Round Rear Fog Light

- 108 mm (4-1/4") round rear fog light.
- Clear lens with clear diodes that light up red.
- Certified to meet ECE requirements.
- Does not require "top" positioning.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Available in grommet mount only.
- Grommet fits 114 mm hole in material up to 6 mm.
- Also fits surface-mount pods & brackets on pages 177–178.

18 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

CLEAR LENS COLORED LIGHT

Clear lens with clear diodes that light up red.

Order No.	Description	Pack	Std Carton
1217F	clear w/red diodes	mfg. pack	6
1218F	clear w/ red diodes, flange mnt.	mfg. pack	6
B426-18	rubber grommet	mfg. pack	100

1.35" 35mm
4.25" 108 mm
1.35" 35mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm
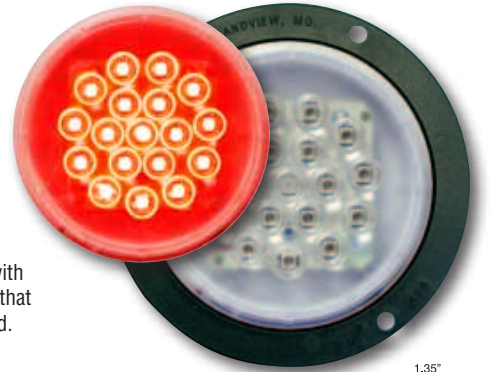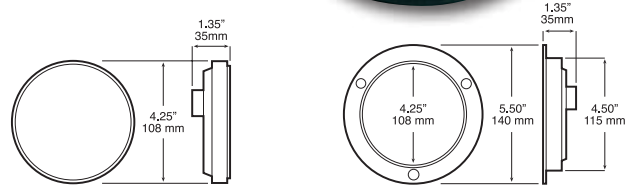
1217A-R/1218A-R LED ECE Compliant
Combination Stop, Rear Turn & Tail Light

- 108 mm (4-1/4") round rear combination light.
- Turn function in upper half, tail and stop functions in lower half.
- Clear lens with clear diodes that light up amber and red.
- Certified to meet ECE requirements for all functions.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Available in grommet mount or flange mount version.
- Grommet version fits 114 mm hole in material up to 6 mm.
- Also fits surface-mount pods & brackets on pages 177–178.

20 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

CLEAR LENS COLORED LIGHT

Clear lens with clear diodes that light up red and amber.

Order No.	Description	Pack	Std Carton
1217A-R	combo, grommet mt., 2m leads	mfg. pack	50
1217A-R-SW	combo, grommet mt., 12" leads	mfg. pack	50
1218A-R	combo, flange mount, 2m leads	mfg. pack	50
1218A-R-SW	combo, flange mount, 12" leads	mfg. pack	50
B426-18	rubber grommet	mfg. pack	100

0.75" 19 mm
4.25" 108 mm
0.5" 13 mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm
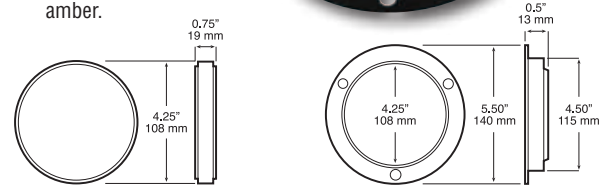
1217F-C LED ECE Compliant
Combination Reverse & Rear Fog Light

- 108 mm (4-1/4") round rear combination light.
- Rear fog function in upper half, reverse function in lower half.
- Clear lens with clear diodes that light up red and white.
- Certified to meet ECE requirements for all functions.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design features 12" (300 mm) leads.
- Grommet version fits 114 mm hole in material up to 6 mm.
- Also fits surface-mount pods & brackets on pages 177–178.

40 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

CLEAR LENS COLORED LIGHT

Clear lens with clear diodes that light up red and white.

Order No.	Description	Pack	Std Carton
1217F-C	red/white combo	mfg. pack	50
1218F-C	red/white combo, flange mount	mfg. pack	50
B426-18	rubber grommet	mfg. pack	100

0.63" 16 mm
4.25" 108 mm
1.18" 30 mm
1.18" 30 mm
4.25" 108 mm
5.50" 140 mm
4.50" 115 mm

NEW!
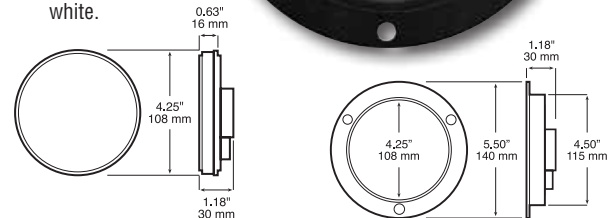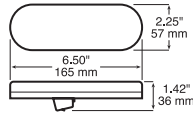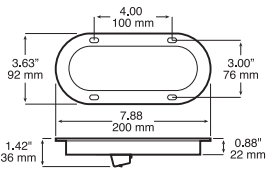
10 diodes

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

1220/1223 *LumenX*® LED ECE Compliant Oval Tail & Stop Light

- Certified to meet ECE requirements in horizontal or vertical position.
- New white diodes and advanced optics fully illuminate red lens.
- AMP-compatible connector integrated into housing.
- Regulated design provides voltage protection and consistent output.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and plug. 1220KR-10 also includes grommet.
- Sealed lens and housing meets IP67 ingress level.
- Grommet version fits material up to 6 mm.

Order No.	Description	Pack	Std Carton
1220R-10	red, grommet	mfg. pack	50
1220KR-10	red kit, grommet	mfg. pack	50
1223R-10	red, flange	mfg. pack	50
1223KR-10	red kit, flange mount	mfg. pack	50
B421-18	rubber grommet	mfg. pack	100
B417-49	hardshell plug	mfg. pack	100

4.00 / 100 mm
3.63" / 92 mm
3.00" / 76 mm
7.88 / 200 mm
1.42" / 36 mm
0.88" / 22 mm
2.25" / 57 mm
6.50" / 165 mm
1.42" / 36 mm

NEW!
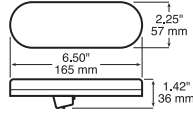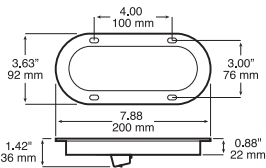
10 diodes

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

1220/1223 *LumenX*® LED ECE Compliant Oval Front Turn Signal Light

- Certified to meet ECE requirement for front & rear turn indicator when mounted in vertical or horizontal orientation.
- New white diodes and advanced optics fully illuminate amber lens.
- Integrated AMP-compatible receptacle, meets IP67 ingress level
- Regulated design provides voltage protection and consistent output.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and plug. 1220KA-10 also includes grommet.
- Grommet version fits material up to 6 mm.

Order No.	Description	Pack	Std Carton
1220A-10	amber, grommet	mfg. pack	50
1220KA-10	amber kit, grommet	mfg. pack	50
1223A-10	amber, flange	mfg. pack	50
1223KA-10	amber kit, flange	mfg. pack	50
B421-18	rubber grommet	mfg. pack	100
B417-48	hardshell plug, 2-wire	mfg. pack	100
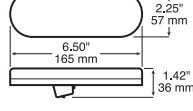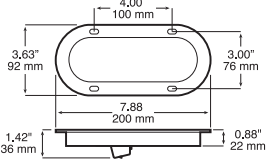
4.00 / 100 mm
3.63" / 92 mm
3.00" / 76 mm
7.88 / 200 mm
1.42" / 36 mm
0.88" / 22 mm
2.25" / 57 mm
6.50" / 165 mm
1.42" / 36 mm

NEW!

10 diodes

LumenX

MADE IN USA

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

1220/1223 *LumenX*® LED ECE Compliant Oval Reverse Light

- Certified to meet ECE requirement for reverse light function when mounted in vertical or horizontal orientation.
- White diodes fully illuminate advanced optics lens.
- Integrated AMP-compatible receptacle, meets IP67 ingress level
- Regulated design provides voltage protection and consistent output.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Kits include light and plug. 1220KC-10 also includes grommet.
- Grommet version fits material up to 6 mm.

Order No.	Description	Pack	Std Carton
1220C-10	white, grommet mount	mfg. pack	50
1220KC-10	white kit, grommet mount	mfg. pack	50
1223C-10	white, flange mount	mfg. pack	50
1223KC-10	white kit, flange mount	mfg. pack	50
B421-18	rubber grommet	mfg. pack	100
B417-48	hardshell plug, 2-wire	mfg. pack	100

4.00 / 100 mm
3.63" / 92 mm
3.00" / 76 mm
7.88 / 200 mm
1.42" / 36 mm
0.88" / 22 mm
2.25" / 57 mm
6.50" / 165 mm
1.42" / 36 mm

1223-4 LED ECE Compliant Surface Mount Rear Tail & Stop Light

- Oval design w/ black surface-mount housing & optional chrome bezel.
- Certified to meet ECE requirements in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design with 8" lead wires.
- Convenient surface mounting with four screws.
- See matching amber rear turn signal below.
- Attractive chrome bezel available separately.

11 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

Shown with B423-11 chrome bezel installed, available separately.

6.30" 160 mm
7.50" 191 mm
3.25" 83 mm
2.75" 70 mm
7.00" 178 mm

Order No.	Description	Pack	Std Carton
1223R-4	red tail & stop	mfg. pack	50
B423-11	chrome bezel	mfg. pack	50
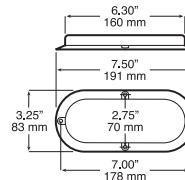
1223-4 LED ECE Compliant Surface Mount Rear Turn Signal Light

- Oval design w/ black surface-mount housing & optional chrome bezel.
- Certified to meet ECE requirements in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design with 8" lead wires.
- Convenient surface mounting with four screws.
- See matching red rear stop and tail light above.
- Attractive chrome bezel available separately.

11 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

Shown with B423-11 chrome bezel installed, available separately.

6.30" 160 mm
7.50" 191 mm
3.25" 83 mm
2.75" 70 mm
7.00" 178 mm

Order No.	Description	Pack	Std Carton
1223A-4	amber rear turn signal	mfg. pack	50
B423-11	chrome bezel	mfg. pack	50
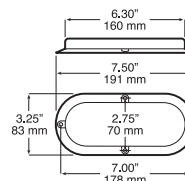
1223 LED ECE Compliant Surface Mount Combination Stop, Rear Turn & Tail Light

- Oval design w/ black surface-mount housing & optional chrome bezel.
- Clear lens with clear diodes that light up red and amber.
- Certified to meet ECE requirements for all functions in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Hardwired design with 8" lead wires.
- Convenient surface mounting with four screws.
- See matching red rear stop and tail light above.

20 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

ECE EXPORT ONLY

CLEAR LENS COLORED LIGHT

Clear lens with clear diodes that light up red and amber.

Shown with B423-11 chrome bezel installed, available separately.

6.30" 160 mm
7.50" 191 mm
3.25" 83 mm
2.75" 70 mm
7.00" 178 mm

Order No.	Description	Pack	Std Carton
1223A-R-MV	red/amber combo, multi-volt	mfg. pack	50
B423-11	chrome bezel	mfg. pack	50

LED
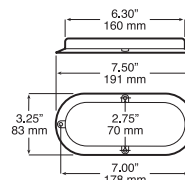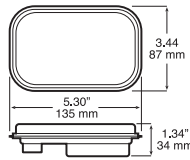
11 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

850R LED ECE Compliant Rectangular Tail & Stop Light

- Certified to meet both FMVSS 108 (USA) & ECE (European) requirements in horizontal or vertical position.
- 850R has 2 meter (6½ ft.) sheathed leads.
- 850R-1 series has 12" long leads.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- 850R-1P has hardwired PL3 plug.
- Grommet fits material up to 6 mm.
- 850 series also fits surface-mount cluster pods (see page 182).
- Available pre-assembled in multi-light modular unit (See page 163).

3.44 / 87 mm
5.30" / 135 mm
1.34" / 34 mm

Order No.	Description	Pack	Std Carton
850R	red, 2 meter leads	mfg. pack	10
850R-1	red, 12" leads	mfg. pack	10
850R-1P	red, 10" leads w/ plug	mfg. pack	10
850R-AMP	red, with AMP shroud	mfg. pack	10
B850-18	rubber grommet	mfg. pack	100
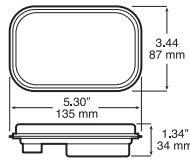
11 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

850A LED ECE Compliant Rectangular Rear Turn Signal Light

- Certified to meet ECE requirements in horizontal or vertical position.
- 850A has 2 meter (6½ ft.) sheathed leads.
- 850A-1 series has 12" long leads.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Potted, hardwired terminals for durability.
- 850A-1P has hardwired PL3 plug.
- Grommet fits material up to 6 mm.
- 850 series also fits surface-mount cluster pods (see page 182).
- Available pre-assembled in multi-light modular unit (See page 163).

3.44 / 87 mm
5.30" / 135 mm
1.34" / 34 mm

Order No.	Description	Pack	Std Carton
850A	amber, 2 meter leads	mfg. pack	10
850A-1	amber, 12" leads	mfg. pack	10
850A-1P	amber, 10" leads w/ plug	mfg. pack	10
B850-18	rubber grommet	mfg. pack	100
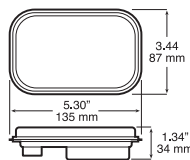
20 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

850F LED ECE Compliant Rectangular Rear Fog Light

- Certified to meet ECE requirements in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Equipped with 12" (300 mm) sheathed leads.
- Grommet fits material up to 6 mm.
- 850 series also fits surface-mount cluster pods (see page 182).

3.44 / 87 mm
5.30" / 135 mm
1.34" / 34 mm

Order No.	Description	Pack	Std Carton
850F-SW	clear lens with red diodes	mfg. pack	10
B850-18	rubber grommet	mfg. pack	100

850A-R LED ECE Compliant
Combination Stop, Rear Turn & Tail Light

- Turn function in upper half, tail and stop functions in lower half.
- Clear lens with diodes that light up red and amber.
- Certified to meet ECE requirements for all functions.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- 850A-R has 2 meter (6½ ft.) sheathed leads.
- 850A-R-SW has 12" leads.
- Grommet fits material up to 6 mm.
- 850 series also fits surface-mount cluster pods (see page 182).

20 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

CLEAR LENS COLORED LIGHT

Clear lens with clear diodes that light up red and amber.

3.44 / 87 mm
5.30" / 135 mm
1.34" / 34 mm

Order No.	Description	Pack	Std Carton
850A-R	amber/red combo, 2m leads	mfg. pack	10
850A-R-SW	amber/red combo, 12" leads	mfg. pack	10
B850-18	rubber grommet	mfg. pack	100
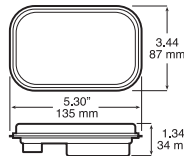
850F-C LED ECE Compliant
Combination Reverse & Rear Fog Light

- Rear fog function in upper half, reverse function in lower half.
- Clear lens with diodes that light up red and white.
- Certified to meet ECE requirements in vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Grommet fits material up to 6 mm.
- Equipped with 12" sheathed leads.
- 850 series also fits surface-mount cluster pods (see page 182).

44 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

CLEAR LENS COLORED LIGHT

Clear lens with clear diodes that light up red and white.

3.44 / 87 mm
5.30" / 135 mm
1.34" / 34 mm

Order No.	Description	Pack	Std Carton
M850F-C	red, white combo	mfg. pack	50
B850-18	rubber grommet	mfg. pack	100
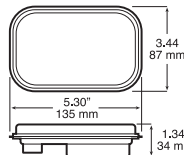
850C
LED Rectangular Reverse Light

Great White®

- 2 versions available for either horizontal or vertical mounting.
- Meets DOT & ECE requirements when mounted as specified.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Available with 12" or 2 meter (6½-ft.) hardwired leads.
- 850C-1P has hardwired PL3 plug.
- Available pre-assembled in multi-light modular unit (See page 163).
- 850 series also fits surface-mount cluster pods (see page 182).

20 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

3.44 / 87 mm
5.30" / 135 mm
1.34" / 34 mm

Order No.	Description	Pack	Std Carton
850C	vertical, 2m leads	mfg. pack	10
850C-1	vertical, 12" leads	mfg. pack	10
850C-1P	vertical, 12" leads, with plug	mfg. pack	10
850C-AMP	vertical, with AMP shroud	mfg. pack	10
850HC	horizontal, 2m leads	mfg. pack	10
850HC-1	horizontal, 12" leads	mfg. pack	10
B850-18	rubber grommet	mfg. pack	100

LED
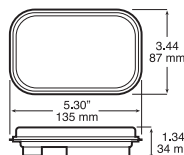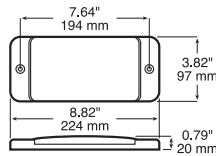
40 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

ECE EXPORT ONLY

CLEAR LENS COLORED LIGHT

1290A-R LED ECE Compliant Combination Stop, Rear Turn & Tail Light

- Turn function in upper section, tail and stop functions below.
- Clear lens with diodes that light up red and amber.
- Certified to meet ECE requirements for all functions in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Convenient, low-profile surface mounting.
- 6-foot long sheathed wires.

7.64" 194 mm
3.82" 97 mm
8.82" 224 mm
0.79" 20 mm

Order No.	Description	Pack	Std Carton
M1290A-R	amber & red, 40 diode	mfg. pack	12
1290-24	optional mounting gasket	box	20
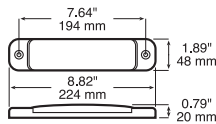
24 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

ECE EXPORT ONLY

CLEAR LENS COLORED LIGHT

1291A-R LED ECE Compliant Combination Stop, Rear Turn & Tail Light

- Turn function in upper section, tail and stop functions below.
- Clear lens with diodes that light up red and amber.
- Certified to meet ECE requirements for all functions in horizontal or vertical position.
- Sealed lens and housing meets IP67 ingress protection level.
- Dual-voltage design is compatible with both 12 and 24 volt systems.
- Convenient, low-profile surface mounting.
- 6-foot long sheathed wires.

7.64" 194 mm
1.89" 48 mm
8.82" 224 mm
0.79" 20 mm

Order No.	Description	Pack	Std Carton
M1291A-R	amber & red, slimline	mfg. pack	24
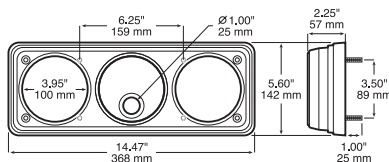
HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE EXPORT ONLY

417 Series LED ECE Compliant Round Rear Multi-Light Assemblies

- 3-light surface mount rear lighting units.
- 108 mm round lights are pre-installed in 417-3 bracket (see page 177).
- Available with 1217A-1 amber rear turn signal, 1217R-2 tail and stop light, plus either an 417C back-up light or an additional 1217R-2.
- 417-093ARR can be mounted horizontally or vertically.
- 417-093ARC must be mounted horizontally with the back-up light located inboard.

417-093ARC shown

6.25" 159 mm
Ø1.00" 25 mm
2.25" 57 mm
3.95" 100 mm
5.60" 142 mm
3.50" 89 mm
14.47" 368 mm
1.00" 25 mm

Order No.	Description	Pack	Std Carton
417-093ARC	amber, red, clear	mfg. pack	6
417-093ARR	amber, red, red	mfg. pack	6

850 Series LED ECE Compliant Rectangular Rear 2-Light Assemblies

- Horizontal or vertical 2- or 3-light surface mount rear lighting units.
- 850-1 series lights are pre-installed in 850-092 series brackets (see page 182).
- Units contain 850A-1 amber rear turn signal and 850R-1 tail and stop light.

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

850-092VAR

850-092HAR

See page 182 for dimensional diagrams

Order No.	Description	Pack	Std Carton
850-092HAR	twin horizontal w/amber, red	mfg. pack	6
850-092VAR	twin vertical w/amber, red	mfg. pack	6

850 Series LED ECE Compliant Rectangular Rear 3-Light Assemblies

- Horizontal or vertical 3-light surface mount rear lighting units.
- 850-1 series lights are pre-installed in 850-093 series brackets (see page 182).
- Units contain 850A-1 amber rear turn signal, 850R-1 tail and stop light, plus either an 850C-1 back-up light or an additional 850R-1.
- "Horizontal" and "vertical" orientation references refer only to the light's orientation in the two types of housings. Regardless of the bracket used, the back-up light must be positioned "standing up," with the narrow sides at the top/bottom. *Therefore, the "Horizontal" bracket should only be installed oriented 90° from the orientation shown in the diagram.*

HARD WIRED

MV Multi-Volt 12V & 24V

REG Voltage Regulated

ECE & DOT

850-093VARC shown

Order No.	Description	Pack	Std Carton
850-093HARC	horizontal w/amber, red, clear	mfg. pack	6
850-093HARR	horizontal w/amber, red, red	mfg. pack	6
850-093VARC	vertical w/amber, red, clear	mfg. pack	3
850-093VARR	vertical w/amber, red, red	mfg. pack	3
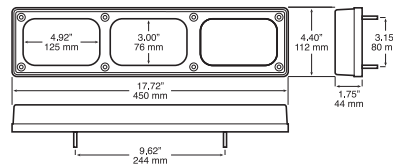
"Horizontal" bracket
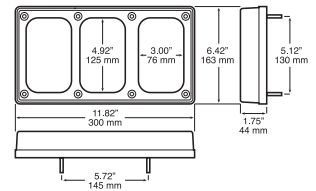
"Vertical" bracket

1203 LED ECE+DOT-Compliant Marker & Outline Lights w/Integral Reflex

- LED marker lights feature 3 diodes and integral reflex.
- Red and amber lights meet both ECE and DOT requirements.
- White light certified to meet ECE front outline marker standard.
- Mounts on 4.5" centers to any flat, vertical surface.
- 12" (300mm) sheathed leads.
- "-PKD" versions have Packard-compatible hardshell connector.
- 9–32 volt operating range.

3 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

INTEGRAL REFLEX REFLEX

ECE & DOT

Order No.	Description	Pack	Std Carton
1203A	amber, stripped leads	mfg. pack	50
1203A-PKD	amber w/ hardshell connector	mfg. pack	50
1203C	white, stripped leads	mfg. pack	50
1203C-PKD	white w/ hardshell connector	mfg. pack	50
1203R	red, stripped leads	mfg. pack	50
1203R-PKD	red w/ hardshell connector	mfg. pack	50

LED

2/3 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

INTEGRAL REFLEX REFLEX

ECE EXPORT ONLY

1200 LED ECE Compliant
Oval Side Marker / Outline Lights w/ Reflex

- Low-profile, sealed design with integral reflex function.
- 1200C has two diodes, 1200A and 1200R have three diodes.
- Certified to applicable ECE regulations.
- Side marker meets ECE regulations mounted horizontally or vertically.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Meets IP67 ingress protection level.
- Hardwired design has 12" (300mm) sheathed leads.
- See page 183 for bracket and bezel dimensions.

3.00" 76 mm
1.97" 50 mm
3.94" 100 mm
0.59" 15 mm

1200-09V   1200-09H   B1200-09X bezel

Optional mounting brackets and chrome bezel are shown with 1200A lights installed; sold separately.
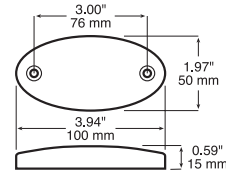
Order No.	Description	Pack	Std Carton
1200A	amber side marker	mfg. pack	50
1200A-AMP	amber side marker w/ AMP shroud	mfg. pack	50
1200C	white front outline marker	mfg. pack	50
1200C-AMP	white front outline w/ AMP shroud	mfg. pack	50
1200R	red rear outline marker	mfg. pack	50
1200R-AMP	red rear outline w/ AMP shroud	mfg. pack	50
1200-09H	horizontal mount bracket	mfg. pack	400
1200-09V	vertical mount bracket	mfg. pack	400
B1200-09X	chrome bezel	mfg. pack	50

ECE EXPORT ONLY

2/4 diodes

HARD WIRED

MV Multi-Volt 12V & 24V

CLEAR LENS COLORED LIGHT

1268 Series LED ECE Compliant
Side Marker / Outline Lights

- Equipped with two diodes except 1268A-MTC, which has four.
- Multi-volt design is compatible with both 12 and 24 volt systems.
- Certified to applicable ECE and ADR regulations, except 1268A-R-MV, which is ADR only.
- 1268A-MTC meets ECE Reg 6, Cat 5 for supplementary side direction indicator and comes equipped with 2.5 meter leads.
- Hardwire design features sheathed, stripped leads.
- 168-09 bracket mounts 1268-series lights on 1.125" (29 mm) centers.
- See page 173-174 for bracket and bezel dimensions.

1268R-MV mounted in 168-10 bezel

1268W-MV

1268A-R-MV

1268A-MV

1.94" 49 mm
0.75" 19 mm
2.75" 70 mm
0.63" 16 mm

Order No.	Description	Pack	Std Carton
B168-09	bracket, black	mfg. pack	100
B168-092	brush guard	mfg. pack	100
B168-10	chrome bezel	mfg. pack	100
B168-18	mounting gasket	mfg. pack	100
B168-181	thinline gasket – use with 168-092	mfg. pack	100
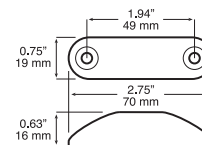
Order No.	Description	Pack	Std Carton
1268A-MV	amber, 2 m leads	mfg. pack	50
1268A-MVC	amber w / clear lens, 2 m leads	mfg. pack	50
1268A-MTC	amber mid turn/ clear lens, 2.5 m	mfg. pack	50
1268A-R-MV	amber/red w/clear lens, 2 m	mfg. pack	50
1268R-MV	red, 2 m leads	mfg. pack	50
1268R-MVC	red w / clear lens, 2 m leads	mfg. pack	50
1268W-MV	white lens, 2 m leads	mfg. pack	50

106
Chrome Guard

- Sturdy diecast guard provides added protection for oblong lights.
- Chrome plated for beauty and durability.
- Fits most PM oblong lights as well as competitive models.

Order No.	Description	Pack	Std Carton
V106-09	chrome	Viz Pack	6
B106-09	chrome	mfg. pack	60
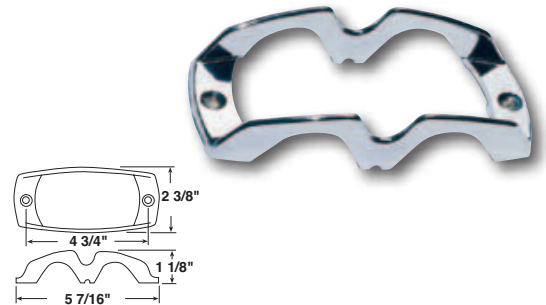
127
Flush Mount Grommet

- Flush mounts 127 and 129 clearance light to vehicle.
- Recommended hole size for 1/8" thick plate: 3.5" x 2.4" with 7/16" radius corners.
- Requires 142-49 or B142-49 plug for incandescent light installation.

Order No.	Description	Pack	Std Carton
B127-18	black	mfg. pack	100
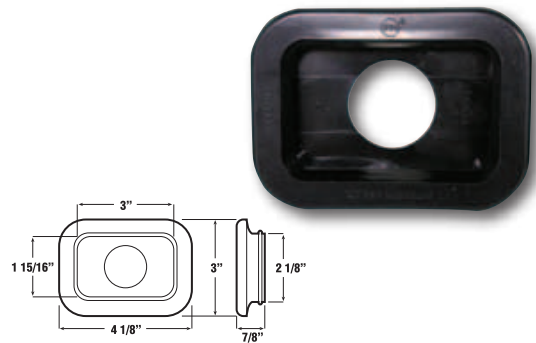
142
Surface Mount Bracket for 2½" Round Lights

- Allows grommet-mount 2.5" clearance / marker lights to be surface mounted
- Branch deflector design protects light unit.
- Constructed of UV and corrosion resistant plastic
- Available in gray or black.
- Requires 143-18 or 144-18 grommet to complete installation

Order No.	Description	Pack	Std Carton
142-09	gray	poly pack	12
B142-091	black	mfg. pack	100
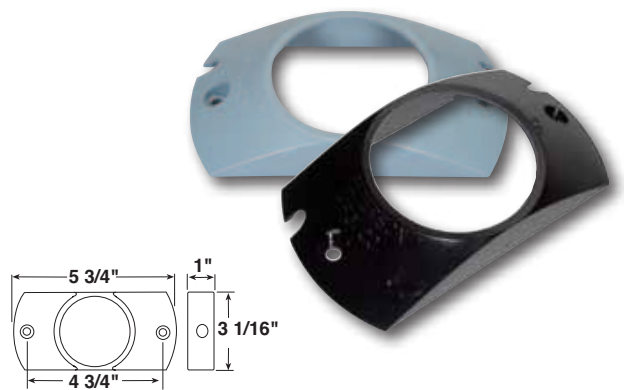
142
2 1/2" Edge Mount Grommet

- Provides edge mounting of 2 1/2" sealed lights.
- Ideal for mounting PC-rated lights.
- Fits 2 25/32" mounting hole.
- Requires 142-49 plug to complete installation.

Order No.	Description	Pack	Std Carton
B142-17	open back	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

MADE IN USA
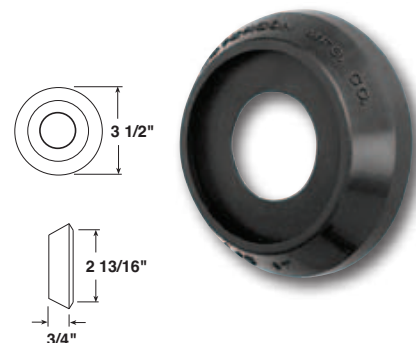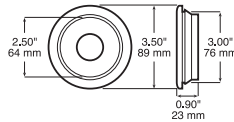
142
2 1/2" Grommet

- Allows 2 1/2" diameter sealed units to be flush mounted.
- Fits 142, 143, 162, 163, 192, 193, 196, and 197 series lights.
- Fits 3" mounting hole.
- Installation of incandescent lights requires 142-49 or 162-49 plug.
- Kit contains 142-18 grommet, 142-49 plug and grounding screw.

2.50" / 64 mm   3.50" / 89 mm   3.00" / 76 mm   0.90" / 23 mm

Order No.	Description	Pack	Std Carton
142-18	open back	poly pack	24
142-18K	open back, kit	poly pack	12
B142-18	open back	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

MADE IN USA
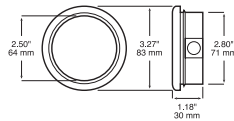
143/144
2 1/2" Grommet

143-18

144-18

- Mounts 2 1/2"' diameter sealed units.
- Fits 142, 143, 162, 163, 192, 193, 196, and 197 series lights.
- Fits 2 25/32" mounting hole.
- Installation of incandescent lights requires 142-49 or 162-49 plug.
- Kit contains 143-18 grommet, 142-49 plug and grounding screw.
- Closed back unit is recommended for open installations where splash plate is not used.

2.50" / 64 mm   3.27" / 83 mm   2.80" / 71 mm   1.18" / 30 mm

Order No.	Description	Pack	Std Carton
143-18	open back	poly pack	24
143-18K	open back, kit	poly pack	12
144-18	closed back	poly pack	24
B143-18	open back	mfg. pack	100
B144-18	closed back	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

MADE IN USA

143
2 1/2" Closed Back Grommet

- Closed back protects terminals from wheel splash.
- Fits 142, 143, 162, 163, 192, 193, 196, and 197 series lights.
- Fits 3" mounting hole.
- Installation of incandescent lights requires 142-49 or 162-49 plug.
- Easy access side entry for plug.

2 11/16"   3 11/16"   1 7/8"
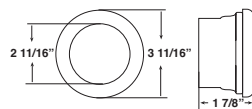
Order No.	Description	Pack	Std Carton
B143-17	closed back	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

143 / 146
L-Mount Brackets

- Brackets mount either 2-inch diameter or 2.5-inch diameter grommet-mount lights perpendicular to any flat surface.
- Heavy-gauge steel construction.
- Rugged power coated finish.
- 143-092 accepts 142-17, 143-18 & 144-18 grommets.
- 146-092 accepts 146-18, 146-182 & 146-184 grommets.
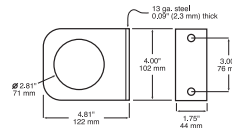
143-092
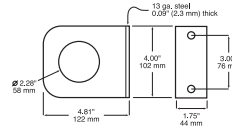
146-092

Order No.	Description	Pack	Std Carton
143-092	accepts 2.5" lights	mfg. pack	6
146-092	accepts 2" lights	mfg. pack	6

146
2" Grommets

- Allows 2" diameter sealed units to be flush mounted.
- Fits 2" diameter round sealed lights.
- Fits 2 5/16" mounting hole in panels up to 0.25" thick.
- Installation of incandescent lights requires 142-49 or 162-49 plug.
- Kit includes 146-18 grommet, 142-49 plug and grounding screw.
- Closed back unit is recommended for open installations where splash plate is not used.

146-18

146-182
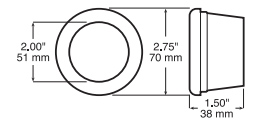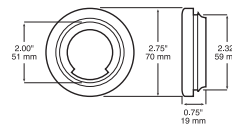
Order No.	Description	Pack	Std Carton
146-18	open back	poly pack	24
146-18K	open back, kit	poly pack	12
B146-18	open back	mfg. pack	100
B146-182	closed back	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

146
Surface Mount Bracket for 2" Round Lights

- Allows grommet-mount 2" clearance / marker lights to be surface mounted
- Branch deflector design protects light unit.
- Constructed of UV and corrosion resistant plastic.
- Fits 2" diameter round sealed lights.
- Requires 146-181 grommet and 142-49 or 162-49 plug for incandescent lights.
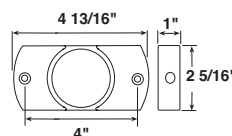
Order No.	Description	Pack	Std Carton
146-09	gray	poly pack	12
B146-09	gray	mfg. pack	100
B146-093	black	mfg. pack	100
146-181	grommet	poly pack	48
B146-181	grommet	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

146
2" Grommet
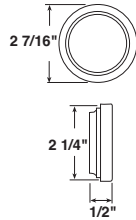
- Mounts 2" diameter sealed units in 146-09 branch deflector or 146-091 dual-face bracket.

2 7/16"

2 1/4"

1/2"

Order No.	Description	Pack	Std Carton
146-181	open back	poly pack	48
B146-181	open back	mfg. pack	100

146
2" Grommet
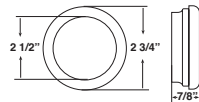
- Mounts 2" diameter sealed units while meeting PC rating.
- Fits 146, 164, 165, 166, 194, 195, 198, and 199 series lights.
- Fits 2 5/16" mounting hole.
- Requires 142-49 or 162-49 plug to complete installation.

2 1/2"   **2 3/4"**   **7/8"**

Order No.	Description	Pack	Std Carton
B146-184	open back	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100
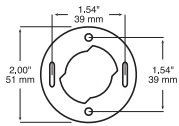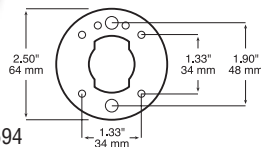
146 / 142
Cam-On Surface Mount Brackets

- Allows 2" or 2 1/2" lamps to be surface mounted.
- Stainless steel construction.
- Easy cam-on, cam-off installation for incandescent or LED lights.
- Requires 142-49 or 162-49 plug to complete installation.
- Mounts with two screws.

2593

1.54"
39 mm

2.00"
51 mm

1.54"
39 mm

2594

2.50"
64 mm

1.33"
34 mm

1.90"
48 mm

1.33"
34 mm

Order No.	Description	Pack	Std Carton
2593	2" LED & incandescent	mfg. pack	100
2594	2 1/2" LED & incandescent	mfg. pack	100

150
Mounting Brackets

- Allows 150 or 152 series to be surface mounted.
- Gray, chrome or black finish.
- Mounts on 2" centers.
- Requires 2-wire plug for electrical connection.
- Pack includes bracket, gasket and mounting screws.

Order No.	Description	Pack	Std Carton
150-09	gray	poly pack	12
150-10	chrome	poly pack	12
150-13	black	poly pack	12
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

MADE IN USA

2 7/8"   1/2"
1 1/2"
2"
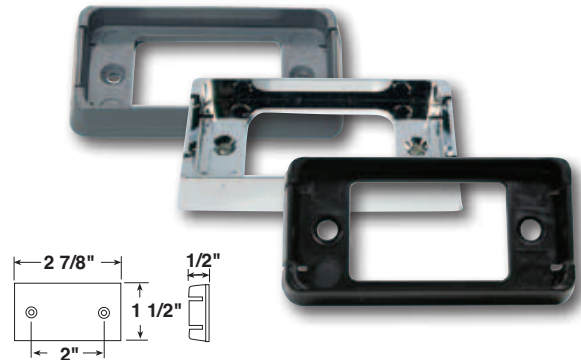
150
Surface Mount Bracket

- White ABS construction.
- Allows 150 series lights to be surface mounted.
- Mounts on 3 5/8" centers.
- Requires 142-49 plug for electrical connection.

Order No.	Description	Pack	Std Carton
150-091	white	poly pack	12
B150-091	white	mfg. pack	50
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100

MADE IN USA

4 3/8"   1"
1 3/8"
3 5/8"
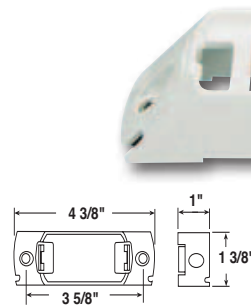
150
Chassis Mounting Kits

- Allows 150 series lights to be surface mounted.
- Available in chrome and black.
- Mounts on 2" centers.
- Grounds through mounting hardware.
- Kit includes bracket, gasket, mounting screws and 17" lead wire with .156 bullet terminal.

Order No.	Description	Pack	Std Carton
150-092	black kit	poly pack	12
150-102	chrome kit	poly pack	12

2 7/8"   1/2"
1 1/2"
2"
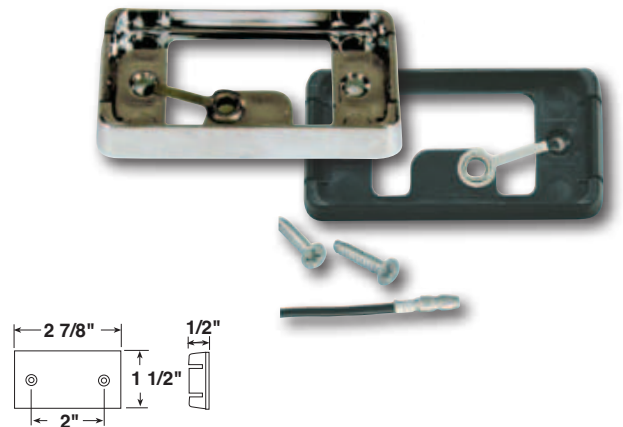
150
Surface Mount Bracket

- Allows 153 LED light to be surface mounted.
- 153 light requires 153-49 plug for installation.
- Also accepts 150 style light with 142-49 plug when vehicle surface is cut out to clear plug.

Order No.	Description	Pack	Std Carton
150-095	black	poly pack	12
B150-095	black	mfg. pack	100

MADE IN USA

2.88"
73 mm   0.71"
18 mm
1.50"
38 mm
2.00"
50 mm
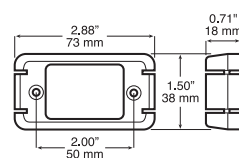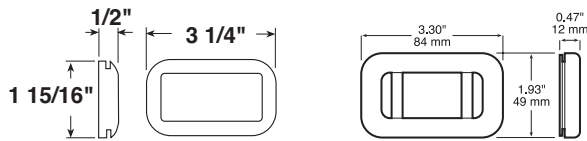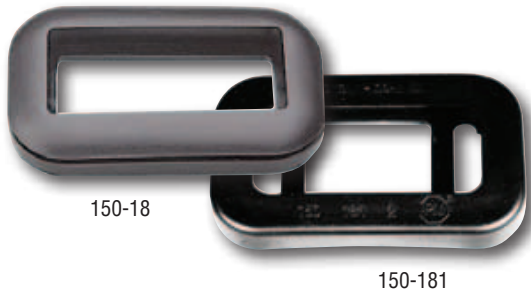
150-18

150-181

150
Mounting Grommets

- Allows flush mounting of 150 or 153 series light on metallic or non-metallic surfaces.
- B150-18 also accepts 152 light.
- Requires 142-49 plug for 2-conductor electrical connection.
- Hole spec for 150-18: 2.88" x 1.53" x 11/64" max panel thickness.
- Hole spec for 150-181: 3.00" x 1.65" x 1/4" max panel thickness.
- 153-181 is identical to 150-181, but designed to provide better water sealing.

Order No.	Description	Pack	Std Carton
B150-18	black	mfg. pack	100
B150-181	black	mfg. pack	100
B153-181	black, water sealing	mfg. pack	100
B142-49	6" lead wire	mfg. pack	100
B142-50	19" lead wire	mfg. pack	100
B142-51	12" lead wire	mfg. pack	100
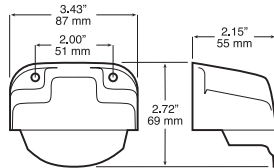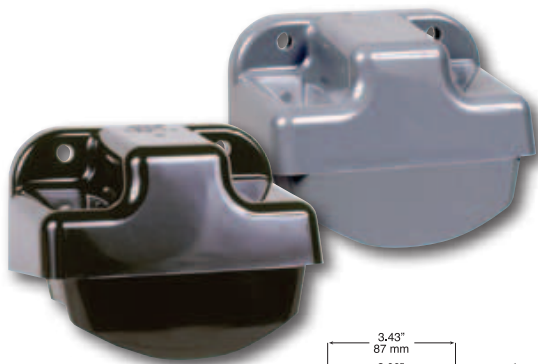
150
License/Utility Light Bracket

- High-impact polycarbonate.
- Black or gray.
- 150 series lamp clamps into housing to form single unit.
- Accepts 153C LED light (page 98) or 150C incandescent light (page 103).

Order No.	Description	Pack	Std Carton
150-14	gray	poly pack	24
150-141	black	poly pack	24
B150-14	gray	mfg. pack	100
B150-141	black	mfg. pack	100
142-49	plug	poly pack	12
B142-49	plug	mfg. pack	100
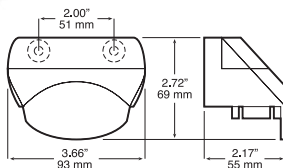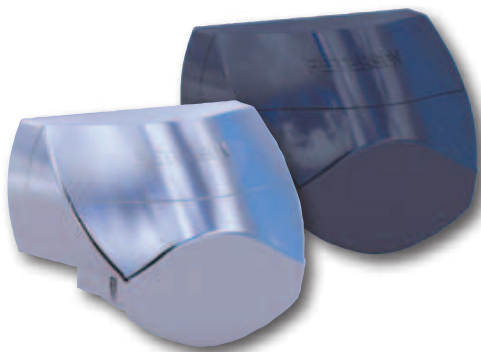
150
License Plate Light Brackets

- All Peterson 150 & 153-series license lights snap in easily.
- Bracket features hidden mounting holes and stylish design.
- Available in gloss black or brilliant chrome finish.
- Mounts to vertical surfaces.
- Visor hood shields direct light from following vehicles.
- Complies with applicable regulations without need for additional spacers.

Order No.	Description	Pack	Std Carton
B150-142	black	mfg. pack	50
B150-143	chrome	mfg. pack	50

154
Surface Mount Brackets

- Allows 154 and 161 series lights to be surface mounted.
- Gray, chrome or black finish.
- Mounts on 3" centers.
- Kit mounts to metal surfaces and includes bracket, terminal pad with molded lead wire and mounting screws; grounds through mounting hardware.
- Bracket available without terminal pad and wire; mounts to nonmetallic surfaces with 153-49 two wire plug.

154-09

154-09K
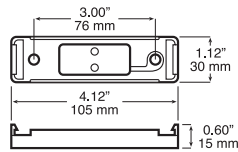
154-10K

154-11K

Order No.	Description	Pack	Std Carton
154-09K	gray kit	poly pack	12
154-10K	chrome kit	poly pack	12
154-11K	black kit	poly pack	12
B154-11K	black kit w/o screws	mfg. pack	100
B154-09	gray bracket only	mfg. pack	100
B154-10	chrome bracket only	mfg. pack	100
B154-11	black bracket only	mfg. pack	100

154
Stainless Steel Brush Guard

- Corrosion-free stainless steel construction.
- Designed for 154 series.
- Accepts all thinline marker lights that mount on 3" centers or less.
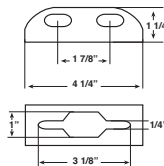
Order No.	Description	Pack	Std Carton
B154-092	guard	mfg. pack	100

154-12K/154-121K
Trailer Fender Mount Clearance Light Bracket

- Mounts to trailer fender to allow one 154A-R incandescent or 161A-R LED clearance light to function as both front and rear clearance light.
- Includes screw-mount bracket and pad-style electrical socket.
- 154-12K has 15" radius lower curve for proper installation on curved fenders and blunt-cut lead wires.
- 154-121K has flat bottom surface and leads terminated with .180 bullets.
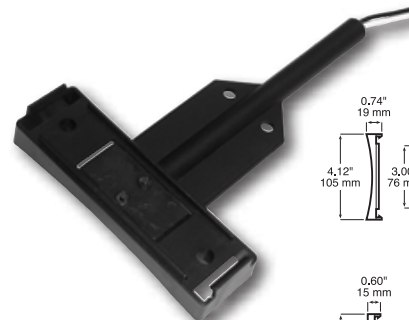
NEW!
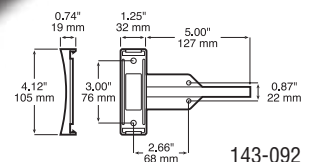
143-092
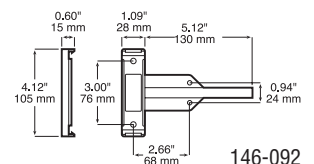
146-092

Order No.	Description	Pack	Std Carton
B154-12K	curved bracket kit	mfg. pack	50
B154-121K	flat bracket kit	mfg. pack	50
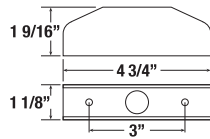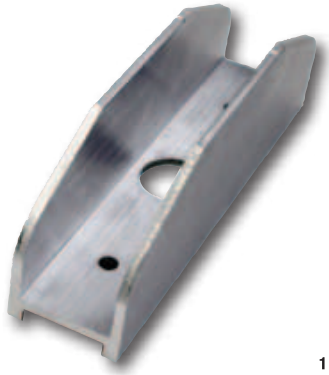
160
Aluminum Brush Guard

- Thick, extruded aluminum construction for extra protection.
- Mounts on 3" centers.
- Fits 159, 160 and 167 series lights.

1 9/16"
4 3/4"
1 1/8"
3"

Order No.	Description	Pack	Std Carton
160-09	aluminum	poly pack	6
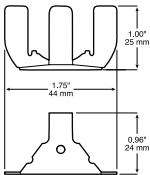
162
Plug Retaining Clip

- Stainless steel construction.
- Clips over electrical plug to keep it firmly inserted into light
- Fits 2" or 2 1/2" diameter marker lamps with cam-on mounting.
- Perfect for heavy-vibration applications such as container chassis.

NEW!

PATENT PENDING

1.00"
25 mm
1.75"
44 mm
0.96"
24 mm

Order No.	Description	Pack	Std Carton
B162-093	aluminum	mfg. pack	100
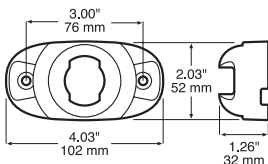
165
2" or 2 1/2" Cam-On Mounting Bracket

- Allows 2" or 2 1/2" diameter marker lamps to be surface mounted.
- Plastic deflectors protect lamp from damage.
- Easy cam-on, cam-off lamp installation.
- Fits incandescent and LED lights.
- Allows PC-rated installation.
- Mounts with two screws.

3.00"
76 mm
2.03"
52 mm
4.03"
102 mm
1.26"
32 mm

Order No.	Description	Pack	Std Carton
165-10	gray	poly pack	12
B165-10	gray	mfg. pack	100

167
Surface Mount Bracket

- Allows 167 LED lamp to be surface mounted
- Mounts on 3" centers.
- Fits all narrow rail applications.
- Requires B167-49 right angle plug or B167-491 straight plug for electrical connection.

Order No.	Description	Pack	Std Carton
B167-09	black	mfg. pack	100
B167-49	right angle plug	mfg. pack	100
B167-491	straight plug	mfg. pack	100
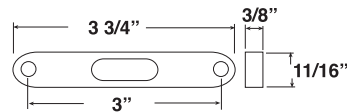
168
Surface Mount Bracket

- Enhances appearance of 168 LED lamp.
- Attractive black finish.
- May also be used to adapt mounting centers from 1.93" to 1.13".
- 168-093 version has the same overall dimensions and construction, but mounts on 1.13" centers and has two snap-on prongs on 1.93" for mounting 168 and 1268 series lights.
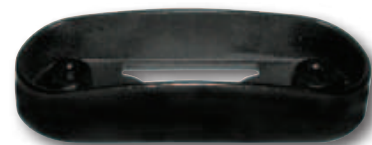
Order No.	Description	Pack	Std Carton
B168-09	black	mfg. pack	100
B168-093	black, snap-in lamp mount	mfg. pack	50
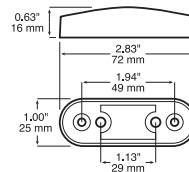
168
Aluminum Brush Guard

- Enhances durability and longevity of 168 LED lamp.
- Thick, extruded aluminum construction for extra protection.
- Black powdercoat version available.
- Requires use of 168-181 thinline mounting gasket.

Order No.	Description	Pack	Std Carton
B168-092	aluminum	mfg. pack	50
B168-092B	black powdercoat	mfg. pack	50
B168-181	thinline mounting gasket	mfg. pack	100
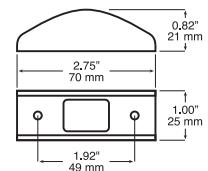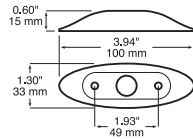
168
Decorative Chrome Bezel

- Enhances appearance of 168 LED lamp.
- Attractive chrome finish.
- ABS construction.

Order No.	Description	Pack	Std Carton
B168-10	chrome	mfg. pack	100

168
Mounting Gasket

- Fits 168 and 1268 LED lights.
- Flexible rubber protects mounting surfaces.
- 168-181 narrow version for use with 168-092 aluminum brush guard.
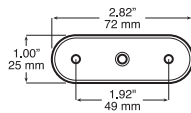
Order No.	Description	Pack	Std Carton
B168-18	black rubber	mfg. pack	100
B168-181	thinline mounting gasket	mfg. pack	100

169
Mounting Gasket

- Fits 169 series LED lights.
- Flexible rubber protects mounting surfaces.
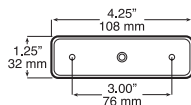
Order No.	Description	Pack	Std Carton
B169-18	black rubber	mfg. pack	100

176
Mounting Bracket

- Rigid plastic snap-in bracket.
- Designed to mount 171, 176, 177 & 181 series in 0.75" (19 mm) hole.
- Anti-theft feature when used with 176 series lights.
- 176-09X features chrome plating for enhanced appearance.

176-09X
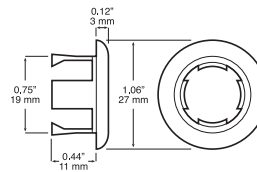
Order No.	Description	Pack	Std Carton
B176-09	plastic anti-theft bracket, black	mfg. pack	100
B176-09X	plastic anti-theft bracket, chrome	mfg. pack	100

177-10 / 177-18
Mounting Bezel / Grommet

MADE IN USA

- Designed to mount 171, 176, 177 & 181 series in 0.75" (19 mm) hole.
- 177-18 grommet made of UV-resistant polymer rubber; stays flexible and prevents cracking for extended service life.
- Replaces standard grommet provided with 171 & 181 series lights.
- Grommet designed to fit 26 gauge steel to 1/4" thick panel (.0179" – .25")
- 177-10 satin finish steel bezel fits over rubber grommet for durability and enhanced appearance.

B177-18

B177-10
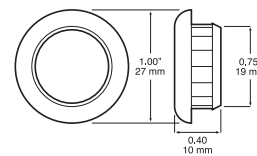
Order No.	Description	Pack	Std Carton
B177-10	satin finish steel bezel	mfg. pack	100
B177-18	rubber grommet	mfg. pack	100

176-10 / 176-13
Surface Mount Bracket & Brush Guard

- Surface mounts 171, 176, 177 & 181 series lights.
- B177-18 grommet required for mounting light into bracket.
- High-strength, corrosion-free, UV-resistant gray polymer.
- Available to fit both flat and curved surfaces. 176-13 has 4.6" radius curve for proper fit on curved surfaces.
- Easily amounts with two screws (not included).

176-10
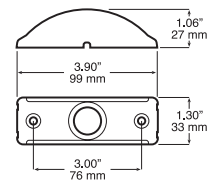
176-13
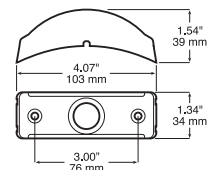
Order No.	Description	Pack	Std Carton
176-10	for flat surfaces	poly pack	6
176-13	for curved surfaces	poly pack	6
B176-10	for flat surfaces	mfg. pack	100
B176-13	for curved surfaces	mfg. pack	100
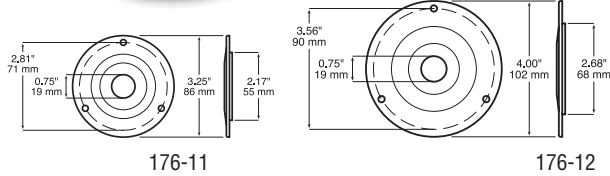
176-11 / 176-12
2" & 2½" Retrofit Adapter Flanges

- Retrofits 171, 176, 177 & 181 series single-diode clearance / marker lights into existing 2" & 2.5" mounting holes.
- Raised lip on reverse fits into existing hole for easy, accurate centering.
- Requires three rivets (recommended) or screws for mounting.
- Made of corrosion-resistant, high-strength polymer.

176-11

176-12

Order No.	Description	Pack	Std Carton
176-11	2" adapter	poly pack	6
176-12	2.5" adapter	poly pack	6

MADE IN USA

176-14 / 176-16
2" & 2½" Retrofit Adapter

- Retrofits 171, 176, 177 & 181 series single-diode clearance / marker lights into existing mounting holes.
- 176-14 use with 2" 146-18 grommet.
- 176-16 use with 2½" 143-18 and 144-18 grommets.
- Corrosion resistant black ABS construction.
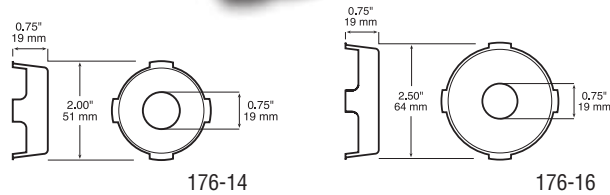
176-14

176-16

Order No.	Description	Pack	Std Carton
176-14	2" retrofit adapter	poly pack	6
176-16	2 ½" retrofit adapter	poly pack	6
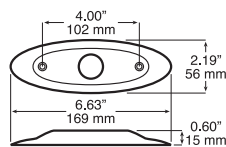
178
Decorative Chrome Bezel

- Enhances appearance of 178 LED lamp.
- Attractive chrome finish.
- Corrosion-resistant ABS construction.

Order No.	Description	Pack	Std Carton
B178-10	chrome	mfg. pack	100
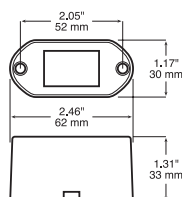
294
Spacer Bracket

- Replacement for spacer included with 294C license plate light.
- Allows 294 utility light to conform to DOT license light requirements.
- Attractive gray finish.
- Includes extended mounting screws.

Order No.	Description	Pack	Std Carton
294-09	gray	poly pack	12

359-10
Mounting Clip

- Allows 359 series LED lights to attach to corner mounting rails without screws.
- Constructed of corrosion-resistant, high-strength polycarbonate.

MADE IN USA

1.01"
27 mm

1.10"
28 mm

1.01"
27 mm
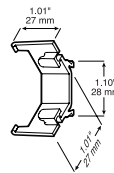
Order No.	Description	Pack	Std Carton
B359-10	black	mfg. pack	100

388
Surface Mount Bracket

- Allows 388-series LED lights to be surface mounted.
- Attractive chrome finish.
- Corrosion-resistant ABS construction.

5.50"
140 mm

1.05"
27 mm

6.36"
162 mm

0.59"
15 mm
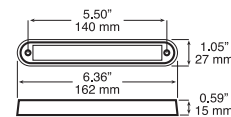
Order No.	Description	Pack	Std Carton
B388-09X	chrome	mfg. pack	50

417
Surface Mount Brackets

- Available in 1, 2, and 3 light versions.
- 4" round LED lights snap in easily with no grommet required.
- Not compatible with incandescent lights.
- Brackets feature separate backing plate with 1" (25 mm) cable exit hole and integral mounting studs, plus attachment screws.

417-1

CONVENIENT TWO-PIECE DESIGN

3.50"
89 mm

2.25"
57 mm

3.95"
100 mm

5.60"
142 mm

3.50"
89 mm

5.60"
142 mm

Ø1.00"
25 mm

1.00"
25 mm

417-1

6.25"
159 mm

2.25"
57 mm

3.95"
100 mm

5.60"
142 mm

3.50"
89 mm

10.22"
260 mm

1.00"
25 mm

417-2

6.25"
159 mm

Ø1.00"
25 mm

2.25"
57 mm

3.95"
100 mm

5.60"
142 mm

3.50"
89 mm

14.47"
368 mm

1.00"
25 mm
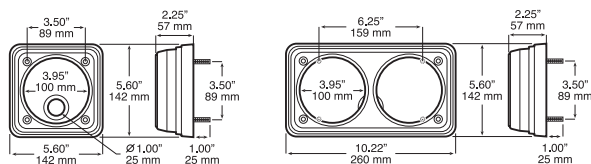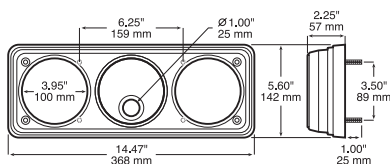
417-3

417-2

417-3 shown with lights installed

Order No.	Description	Pack	Std Carton
417-1	single light	mfg. pack	40
417-2	double light	mfg. pack	20
417-3	triple light	mfg. pack	10

GROMMETS, BRACKETS & BEZELS

MADE IN USA

426
Steel Right-Angle Mounting Bracket

- Black, powder-coated steel.
- For use with PM 4" round lights, as well as similar competitors' lights.
- May be bolted or welded in place.
- Fits all grommet-mounted and most flange-mounted 4" dia. lamps.
- Use 426-18 to complete grommet installation.

4.00" / 102 mm
1.50" / 38 mm
6.00" / 152 mm
5.78" / 147 mm
4.50" / 114 mm
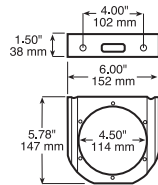
Order No.	Description	Pack	Std Carton
426-09	black steel	box	6
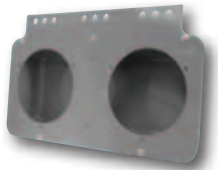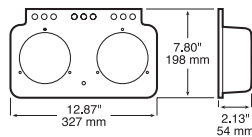
426
2 or 3 Light Metal Module

- For use with PM 4" round lights, as well as similar competitors' lights.
- Designed as replacement for many OE trailer light modules.
- Fits all grommet-mounted and most flange-mounted 4" dia. lamps.
- 426-10 has openings for two lights, 426-11 has three.

426-10

7.80" / 198 mm
12.87" / 327 mm
2.13" / 54 mm

426-11

7.80" / 198 mm
19.80" / 503 mm
2.13" / 54 mm
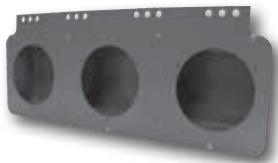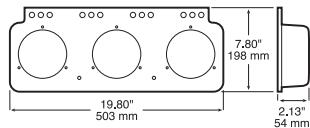
Order No.	Description	Pack	Std Carton
426-10	2 light	box	6
426-11	3 light	box	6

VIZ PACK

520-09 Nightwatcher® LX
Clamp-On Mounting Bracket

- Universal clamp-on bumper brackets for all fog and driving lights.
- Rugged, chrome plated steel.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V520-09	mounting bracket	Viz Pack	12
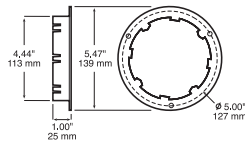
424
Snap-In Bracket

- Snap-in bracket for use with PM 4" round lights, as well as similar competitors' lights.
- Corrosion-free, high-impact plastic construction.

Order No.	Description	Pack	Std Carton
424-09	black	poly pack	24
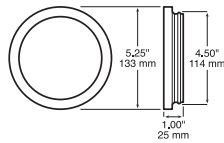
426
4" Grommet

- Black PVC grommet flush mounts 4" diameter round lamps in 4 1/2" hole.
- For use with 4" round stop/turn/tail and accessory lights.
- Provides additional shock absorption to extend lamp life.

Order No.	Description	Pack	Std Carton
426-18	black	poly pack	12
B426-18	black	mfg. pack	100
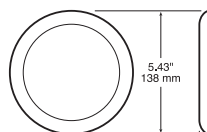
418
Decorative Chrome Bezel

- Bright chrome decorative bezel snaps on without tools.
- Covers black flange and mounting screws.
- 418-10 fits 418R-4 round LED light.

Order No.	Description	Pack	Std Carton
B418-10	chrome round	mfg. pack	50
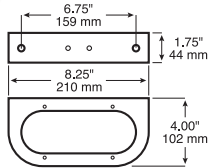
421
Mounting Bracket

- Black, powder-coated steel.
- For use with standard 6.5" oval grommet or flange-mount lights. (Not compatible with 823RTL-7.)
- May be bolted or welded in place.
- May be used horizontally or vertically.
- Pre-drilled mounting holes for mounting flanged lights.
- Grommet-mount lights require 421-18 grommet to for installation.

Order No.	Description	Pack	Std Carton
421-09	black oval	box	6
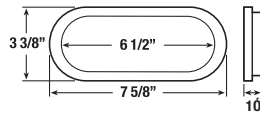
421
Oval Grommet

- Black PVC grommet flush mounts oval style lamps.
- For use with PM standard 6.5" oval grommet-mount oval lights, as well as similar competitors' lights.
- Provides additional shock absorption to extend lamp life.

Order No.	Description	Pack	Std Carton
421-18	black oval	poly pack	12
B421-18	black oval	mfg. pack	100
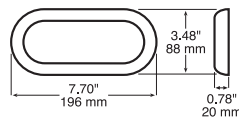
423
Decorative Chrome Bezel

- Bright chrome decorative bezel snaps on without tools.
- Covers black flange and mounting screws.
- Fits surface-mount oval LED lights 423A-4, 423R-4, 423W-4, 1223A-4, 1223R-4, and 1223A-R-4.

Order No.	Description	Pack	Std Carton
B423-11	chrome oval	mfg. pack	50
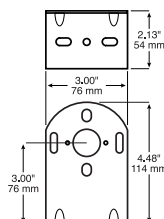
510
Universal Mounting Bracket

- Black powder-coat finish.
- 3" wide x 4 1/2" tall.
- For use with most PM stud mount tail lights.

Order No.	Description	Pack	Std Carton
510-9	black steel	mfg. pack	24

817
Surface Mount Bracket for 4" Round Lights

- Allows grommet-style 4" round lights to be surface mounted.
- Constructed of UV and corrosion resistant plastic
- Available in black or chrome finish.
- Compatible with LumenX "-7" and "-9" series 4" round lights.

MADE IN USA

Lights sold separately

817-09

NEW!

817-10

COMING SOON!

Order No.	Description	Pack	Std Carton
817-09	black	poly pack	12
817-10	chrome	poly pack	12
B817-09	black	mfg. pack	50
B817-10	chrome	mfg. pack	50

820
Surface Mount Bracket for Oval Lights

- Allows grommet-style oval lights to be surface mounted.
- Constructed of UV and corrosion resistant plastic
- Available in black or chrome finish.
- Compatible with LumenX "-7" and "-10" series oval lights.

MADE IN USA

NEW!

820-09

7.75" / 197 mm
2.80" / 71 mm
8.25" / 210 mm
0.90" / 23 mm

820-10 (ight sold separately)

Order No.	Description	Pack	Std Carton
820-09	black	poly pack	12
820-10	chrome	poly pack	12
B820-09	black	mfg. pack	50
B820-10	chrome	mfg. pack	50

450
Rectangular Rubber Grommet

- Black PVC grommet flush mounts incandescent 3"x 5" rectangular lamps.
- For use with 450 series stop, turn, tail, turn signal and backup lights, as well as similar competitors' lights.
- Provides additional shock absorption to extend lamp life.

5.00" / 127 mm
3.12" / 79 mm
4.42" / 112 mm
6.29" / 160 mm
1.27" / 32 mm
1.65" / 42 mm

Order No.	Description	Pack	Std Carton
B450-18	black	mfg. pack	100
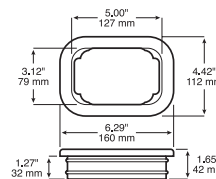
850
Mounting Grommet

- Black rubber grommet fits 850 series lights.
- UV-resistant PVC stays flexible and prevents cracking for extended service life.
- Requires mounting opening configured to match diagram shown.

4.42" / 112 mm
6.29" / 160 mm
0.38" / 10 mm
0.57" / 15 mm

Mounting Hole Dim.
5.43" / 138 mm
3.58" / 91 mm
R 1.00" / 25 mm
4.42" / 112 mm
Grommet Overlay Area
6.29" / 160 mm
R 1.42" / 36 mm

Order No.	Description	Pack	Std Carton
B850-18	rubber grommet	mfg. pack	50
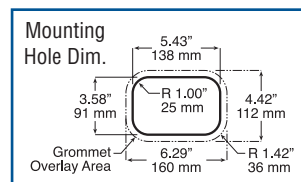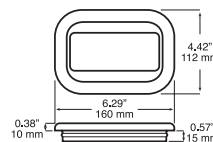
850-09
(850A turn signal available separately)

850-1

850-092H

850-092V

CONVENIENT TWO-PIECE DESIGN

850-093H

Pre-assembled ECE-compliant multi-light modules also available. See page 163.

850-093V

850
Stud Mount Light Modules

- High-strength, corrosion-free, UV-resistant, black glass-filled nylon.
- All 850 series rectangular LED lights snap in easily.
- Not compatible with incandescent lights.
- No mounting grommets required.
- 850-09 has two 0.25" (6 mm) screw mounting holes, others have separate backing plate with 1" (25 mm) cable exit hole and integral mounting studs, plus 1.20" (30 mm) long, black stainless, self-cutting #10 pozi-drive screws.
- Assembled multi-light modules also available. See page 163.
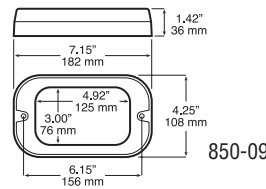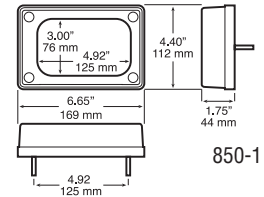
850-09

850-1
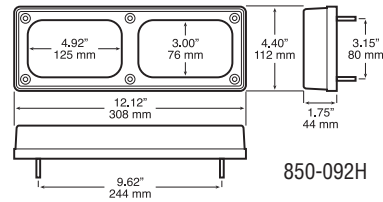
850-092H
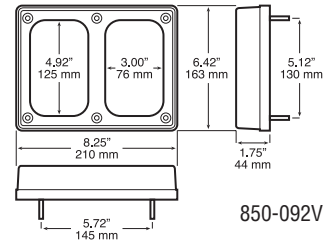
850-092V
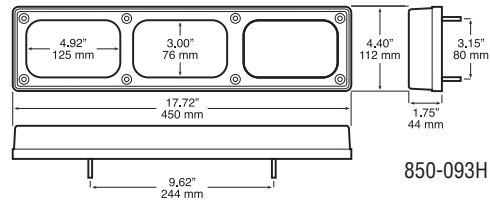
850-093H
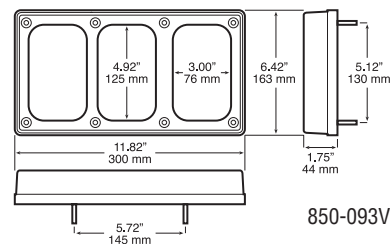
850-093V

Order No.	Description	Pack	Std Carton
850-09	2-screw mnt. w/o back plate	mfg. pack	10
850-1	single light w/ back plate	mfg. pack	10
850-092H	double light, horizontal	mfg. pack	10
850-092V	double light, vertical	mfg. pack	10
850-093H	triple light, horizontal	mfg. pack	10
850-093V	triple light, vertical	mfg. pack	10

1200
Mounting Brackets

- For mounting 1200 ECE-compliant LED lamps at a right angle to the mounting surface.
- Available in horizontal and vertical mount versions.
- Attractive satin black finish.
- ABS construction.
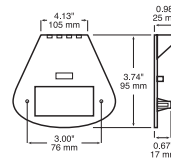
1200-09H
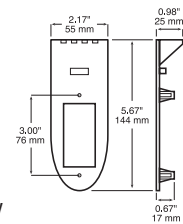
1200-09V

Order No.	Description	Pack	Std Carton
1200-09H	horizontal	mfg. pack	400
1200-09V	vertical	mfg. pack	400

1200
Decorative Chrome Bezel

- Enhances appearance of 1200 ECE-compliant LED lamp.
- Attractive chrome finish.
- ABS construction.
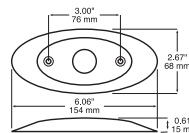
Order No.	Description	Pack	Std Carton
B1200-09X	chrome	mfg. pack	50

7013
Rectangular Chrome Bezel

VIZ PACK

- Chrome-plated plastic bezels enhance appearance of 450 series incandescent or 850 series LED lights.
- Without hooded visor, for horizontal or vertical mounting orientation.
- Included stainless steel mounting screws attach to 850-18 grommet.
- Attractive visual packaging.
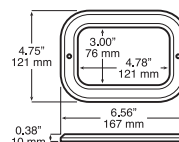
Order No.	Description	Pack	Std Carton
V7013	chrome	Viz Pack	24

7005
2" Round Decorative Bezels

- Chrome-plated plastic enhances appearance.
- Attaches to rubber grommet with two tapered screws.
- Fits grommet-mounted 2" round vehicle lights.
- Includes stainless steel mounting screws.
- Attractive visual packaging.

Order No.	Description	Pack	Std Carton
V7005	2" round bezel	Viz Pack	24

7007
2 1/2" Round Decorative Bezel

- Chrome-plated plastic enhances appearance.
- Attaches to rubber grommet with two tapered screws.
- Fits grommet-mounted 2 1/2" round vehicle lights.
- Includes stainless steel mounting screws.
- Attractive visual packaging.

Order No.	Description	Pack	Std Carton
V7007	2 1/2" round bezel	Viz Pack	24

7009
4" Round Decorative Bezel

- Chrome-plated plastic enhances appearance.
- Attaches to rubber grommet with three tapered screws.
- Fits grommet-mounted 4" round vehicle lights.
- Includes stainless steel mounting screws.
- Attractive visual packaging.

Order No.	Description	Pack	Std Carton
V7009	4" round bezel	Viz Pack	24

7011
Oval Decorative Bezels

- Chrome-plated plastic enhances appearance.
- Attaches to rubber grommet with four tapered screws.
- Fits grommet-mounted 6 1/2" x 2 1/4" oval vehicle lights.
- Includes stainless steel mounting screws.
- Attractive visual packaging.

Order No.	Description	Pack	Std Carton
V7011	oval bezel	Viz Pack	24

7005S
Theft Deterrent Rings

- Fits 2" round flange-mounted lights.
- Designed to work with flange for added theft protection of high-end LED lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.

2 15/16"

Order No.	Description	Pack	Std Carton
B7005S	2" round	mfg. pack	25
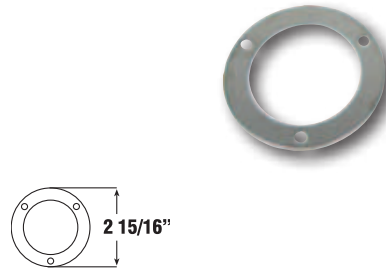
7007S
Theft Deterrent Rings

- Designed for added theft protection of flange-mount lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.
- B7007S fits 162F and 163F lights.
- 7012 fits 192S, 193S and 233S lights.
- 7013 fits 192F and 193F lights.

3 3/8"

Order No.	Description	Pack	Std Carton
B7007S	3 1/2" dia. with 2 1/2" opening	mfg. pack	25
7012	3 3/4" dia. with 2 3/4" opening	mfg. pack	25
7013	3 3/4" dia. with 2 1/2" opening	mfg. pack	25
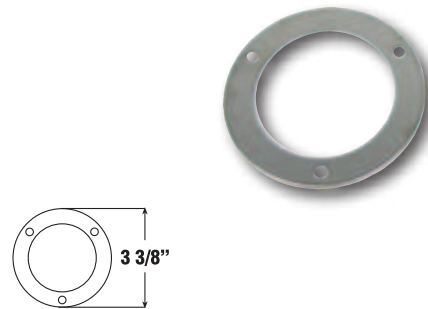
7009S
Theft Deterrent Rings

VIZ PACK

- Fits 4" round flange-mounted lights.
- Designed to work with flange for added theft protection of high-end LED lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.

5 5/8"

Order No.	Description	Pack	Std Carton
V7009S	4" round	Viz Pack	25
B7009S	4" round	mfg. pack	25
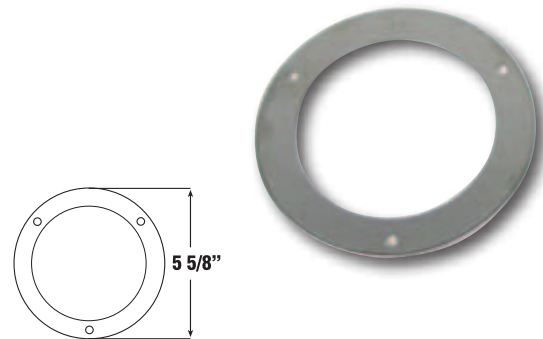
7011S
Theft Deterrent Rings

VIZ PACK

- Fits 6 1/2" x 2 1/4" oval flange-mounted lights.
- Designed to work with flange for added theft protection of high-end LED lights.
- Attractive stainless-steel finish resists corrosion.
- Embossed with PM logo.

4.00 / 100 mm
3.75" / 95 mm
3.00" / 76 mm
8.00" / 203 mm

Order No.	Description	Pack	Std Carton
V7011S	oval	Viz Pack	25
B7011S	oval	mfg. pack	25
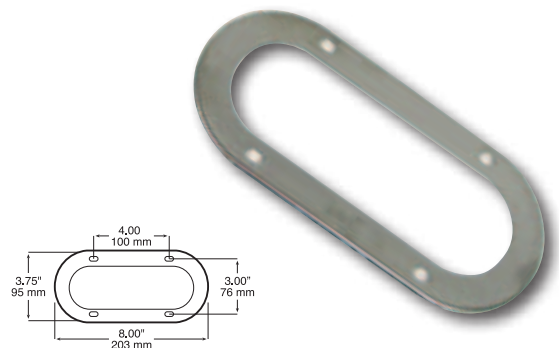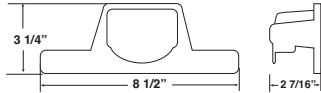
150
License/Utility Bracket

- Licence plate bracket and 150-141 license light bracket riveted together.
- Requires 150C or 153C light and 142-49 plug to complete installation.

3 1/4"
8 1/2"
2 7/16"

Order No.	Description	Pack	Std Carton
B150-141B	black plastic	mfg. pack	24

428
Universal License Bracket

- For use with most PM stud-mounted tail lights.
- Zinc-plated steel

2 3/4"
8 1/2"
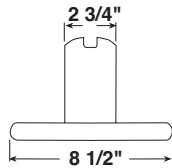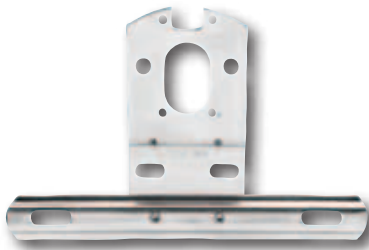
Order No.	Description	Pack	Std Carton
V428-09	steel	Viz Pack	12
428-09	steel	box	24
B428-09	steel	mfg. pack	50

440
Universal License Bracket

- For use with most PM stud-mounted tail lights.
- Corrosion-free black plastic which flexes on impact.

2 3/4"
8"
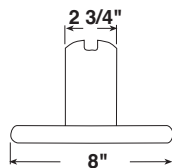
Order No.	Description	Pack	Std Carton
V440-09	black	Viz Pack	12
440-09	black	box	24
B440-09	black	mfg. pack	100

25900
Universal RV License Plate Bracket

- Universal license plate bracket.
- Direct replacement for OE bracket on many popular RVs.
- Rugged steel construction.

2 1/2"
3 1/2"
10 1/8"
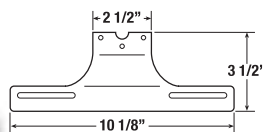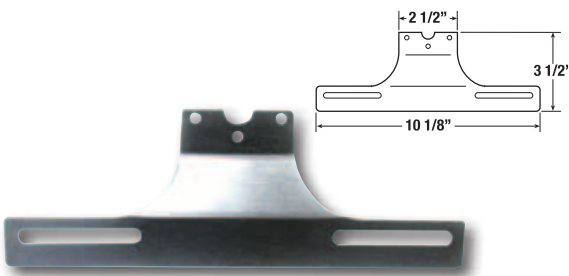
Order No.	Description	Pack	Std Carton
V25900-09	steel	Viz Pack	10

45
Certificate Holder and Pouch

- Keeps permit or license clean and dry in any weather.
- Dust-proof and weatherproof vinyl pouch with zipper seal.
- Heavy gauge aluminum frame.
- Frame measures 7 1/4" x 4 7/8".
- Pouch measures 7" x 4 5/8".
- Mounts on 6 3/8" centers.

Order No.	Description	Pack	Std Carton
45	holder & pouch	poly pack	24
B45	holder & pouch	mfg. pack	100
45-171	replacement pouch	poly pack	24

46
Round Certificate Holder

- Keeps permit or license clean and dry in any weather.
- Cam-on translucent cover has gasketed seal.
- High-impact plastic.
- Tension spring holds documents in place with cover removed.
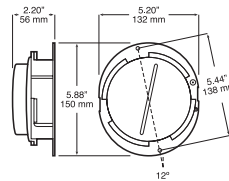
Order No.	Description	Pack	Std Carton
46	certificate holder	poly pack	12
B46	certificate holder	mfg. pack	50

2954
ABS Label

- Conforms to NHTSA requirements for labeling ABS malfunction lamps.
- Heavy-duty material and industrial adhesive backing for durability.
- Flexible design adheres to curved surfaces.
- 4.00" x 1.25" with 1" letters.

Order No.	Description	Pack	Std Carton
2954	ABS label	mfg. pack	100

554/557
10-Lamp Electro-Mechanical Flashers

- 10-lamp, 12-volt flasher.
- Available for both medium-duty (2-prong) and heavy-duty (3-prong) applications.
- 21.0 amp rating.
- 60-120 FPM flash rate at 11 to 15 volts.
- 1 3/8" tall, fits easily into most applications.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
554	2-prong	poly pack	6
557	3-prong	poly pack	6

570/571
12-Lamp Electro-Mechanical Flashers

VIZ PACK

- 12-lamp, 12-volt flasher.
- Available for both medium-duty (2-prong) and heavy-duty (3-prong) applications.
- 25.2-amp rating.
- 70-120 FPM flash rate.
- With rounded corners and only 1 1/2" tall, fits into small areas with limited access.
- Meets FMVSS 108 and SAE J590 & J945 specifications.
- Self-service Viz Pack packaging available.

Order No.	Description	Pack	Std Carton
V570	2-prong	Viz Pack	6
570	2-prong	poly pack	12
571	3-prong	poly pack	12
B570	2-prong	mfg. pack	100

572
Electronic Flasher for LED Lights

- 12-volt flasher.
- 2.5 amp rating.
- 76-96 FPM flash rate at 9-16 volt.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
572	2-prong	box	6

573/574
16-Lamp Electronic Flashers

- 16-lamp, 12-volt flasher.
- Available for both medium-duty (2-prong) and heavy-duty (3-prong) applications.
- 33.6 amp rating.
- 75-115 FPM flash rate.
- Electronic chip improves switching operations and extends life.
- Internal components are designed for high temperature operation.
- 1 7/8" tall.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
573	2-prong	poly pack	12
574	3-prong	poly pack	12

576/577
20-Lamp Electronic Flashers

- 20-lamp, 12-volt flasher.
- Available for both medium-duty (2-prong) and heavy-duty (3-prong) applications.
- 45-amp max rating.
- 75-115 FPM flash rate.
- Electronic chip improves switching operations and extends life.
- 1 7/8" tall.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
576	2-prong	poly pack	12
577	3-prong	poly pack	12

579
Alternating, 10-Lamp Electronic Flasher

- 12-volt flasher.
- Alternating, three-prong flasher.
- 10 lamp capacity per side.
- Will flash four headlights or equivalent in emergency or warning lights.
- 25-amp max rating.
- 70-120 FPM flash rate.
- Meets FMVSS 108 and SAE J590 & J945 specifications.

Order No.	Description	Pack	Std Carton
579	3-prong	poly pack	12

5000
Multi-Volt Solid-State LED Flasher

- Surface-mount, fully encapsulated, solid-state flasher.
- For use with LED and/or incandescent lamps.
- Resolves flash rate issues caused by reduced resistance LED lights.
- Operates at .01 to 17 amps.
- Voltage range of 9-32 volts.
- Retrofit standard 2- and 3- prong flashers using included hardware.
- Complete kit includes 1 jumper wire, 1 tie-down, 2 mounting screws, 3 blade terminals, 1 #10 ring terminal, and instruction sheet.
- Meets FMVSS 108 and SAE J590, J945 & J2068 specifications.

MV Multi-Volt 12V & 24V

Order No.	Description	Pack	Std Carton
5000	flasher kit	poly pack	12
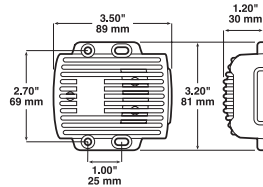
5100
Solid-State Flasher

- Surface-mount, solid-state flasher.
- 90 single flashes per minute.
- 15 amp capacity.
- 9-16 volt operating range.
- Designed for variable loads, such as multiple towing configurations or a variety of lighting loads.
- Totally encapsulated circuitry within rugged aluminum housing.
- Works with LED or incandescent lamps.
- Meets FMVSS 108 requirements.
- Meets SAE J590 & J1455 specifications.

Order No.	Description	Pack	Std Carton
5100	15A flasher	poly pack	12

5124
24-Volt Solid-State Flasher

- Surface-mount, solid-state flasher.
- 15 amp capacity.
- Compatible with 24-volt vehicles.
- Designed for variable loads, such as multiple towing configurations or a variety of lighting loads.
- Totally encapsulated circuitry within rugged aluminum housing.
- Works with LED or incandescent lamps.
- Meets FMVSS 108 requirements.
- Meets SAE J590 & J1455 specifications.
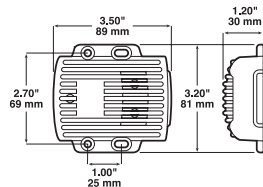
Order No.	Description	Pack	Std Carton
5124	24V 15A flasher	poly pack	12

5200
Heavy-Duty Solid-State Flasher

- Surface-mount, solid-state flasher.
- 30 amp capacity.
- 9-16 volt operating range.
- Designed for variable loads, such as multiple towing configurations or a variety of lighting loads.
- Totally encapsulated circuitry within rugged aluminum housing.
- Works with LED or incandescent lamps.
- Meets FMVSS 108 requirements.
- Meets SAE J590 & J1455 specifications.
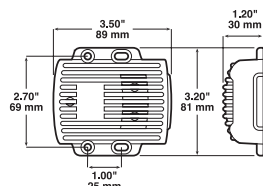
Order No.	Description	Pack	Std Carton
5200	30A flasher	poly pack	12

5300
Heavy-Duty Flasher w/ Selectable Patterns

- Surface-mount, solid-state flasher.
- Can be wired for synchronous single or double flash.
- 90 flashes per minute.
- Hook up red wire for single flash, gray wire for double flash.
- 30 amp capacity.
- 9-16 volt operating range.
- Designed for variable loads, such as multiple towing configurations or a variety of lighting loads.
- Totally encapsulated circuitry within rugged aluminum housing.
- Works with LED or incandescent lamps.
- Meets FMVSS 108 requirements.
- Meets SAE J590 & J1455 specifications.

Order No.	Description	Pack	Std Carton
5300	selectable pattern flasher	poly pack	12
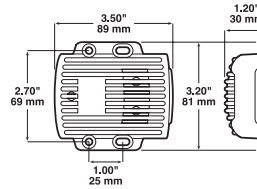
5400
Dual-Circuit Flasher w/ Selectable Patterns

- Surface-mount, solid-state flasher.
- Dual alternating outputs.
- Can be wired for alternating single, double, or quad flash.
- 90 flashes per minute.
- Hook up red wire for single flash, gray wire for double flash, white for quad flash.
- 2 x 15 amp capacity.
- 9-16 volt operating range.
- Designed for variable loads, such as multiple towing configurations or a variety of lighting loads.
- Totally encapsulated circuitry within rugged aluminum housing.
- Works with LED or incandescent lamps.
- Meets FMVSS 108 requirements.
- Meets SAE J590 & J1455 specifications.

Order No.	Description	Pack	Std Carton
5400	dual-circuit selectable flasher	poly pack	12
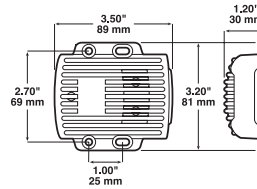
5424
24-Volt Dual-Circuit Selectable Flasher

- Surface-mount, solid-state flasher.
- Dual alternating outputs.
- Can be wired for single, double, quad or strobe flash.
- 2 x 15 amp capacity.
- Compatible with 24-volt vehicles.
- Designed for variable loads, such as multiple towing configurations or a variety of lighting loads.
- Totally encapsulated circuitry within rugged aluminum housing.
- Works with LED or incandescent lamps.
- Meets FMVSS 108 requirements.
- Meets SAE J590 & J1455 specifications.

Order No.	Description	Pack	Std Carton
5424	24V dual-circuit flasher	poly pack	12
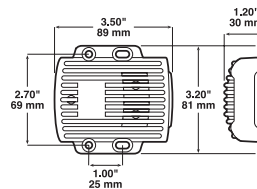
UL APPROVED
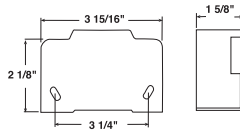
780
97 dB Back-Up Alarm

- 97-decibel volume.
- For all trucks and rubber-tire vehicles.
- 12-24 volt operating range.
- Less than 0.6 amp draw.
- -40º to +185º F temperature range.
- ABS housing and epoxy-sealed internal components for vibration and moisture protection.
- Unit may be grounded through mounting screw.
- Meets SAE J994 Type C requirements.
- Meets IP65 ingress protection standard.
- Self-service visual packaging.

Order No.	Description	Pack	Std Carton
V780	97 dB	Viz Pack	6
780	97 dB	box	6

UL APPROVED
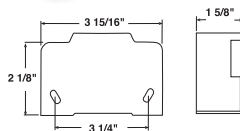
781
102 dB Back-Up Alarm

- 102-decibel volume.
- For medium-duty applications in higher noise areas.
- 12-24 volt operating range.
- Less than 0.6 amp draw.
- -40º to +185º F temperature range.
- ABS housing and epoxy-sealed internal components for vibration and moisture protection.
- Unit may be grounded through mounting screw.
- Meets SAE J994 Type F requirements.
- Meets IP65 ingress protection standard.
- Self-service visual packaging.

Order No.	Description	Pack	Std Carton
V781	102 dB	Viz Pack	6
781	102 dB	box	6
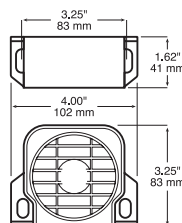
782
107 dB Back-Up Alarm

- Features the same form factor as Peterson's existing 780 & 781 back-up alarms with louder alarm volume.
- 12–24 volt operating range.
- Can be mounted to horizontal or vertical surfaces.
- Less than 0.8 amp draw.
- ABS housing and epoxy-sealed internal components for vibration and moisture protection.
- Unit may be grounded through mounting screw.
- Meets SAE J994 Type B specifications.

Order No.	Description	Pack	Std Carton
782	107 dB	box	6

783
87 dB Auxiliary Back-Up Alarm

- 87-decibel volume.
- For auxiliary warning applications.
- 12-24 volt operating range.
- Glass filled nylon housing and epoxy-sealed internal components for vibration and moisture protection.
- Unit may be grounded through mounting screw.
- Sealed lens and housing meets IP65 ingress protection level.
- Meets IP65 ingress protection standard.
- Self-service visual packaging.
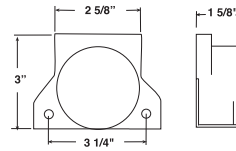
Order No.	Description	Pack	Std Carton
V783	87 dB	Viz Pack	6

784 / 785
Back-Up Alarm

- Model 784 features 112 dB volume & meets SAE J994 Type A specifications.
- Model 785 features 97–112 dB variable volume that automatically senses and adjusts to ambient noise levels.
- 12–24 volt operating range.
- Less than 0.8 amp draw.
- Can be mounted to horizontal or vertical surfaces.
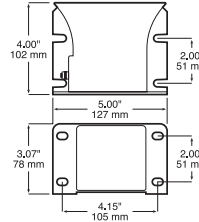
Order No.	Description	Pack	Std Carton
784	112 dB	box	1
785	97-112 dB variable	box	1

784-C
Back-Up Alarm

- 112 dB volume
- 12-24V voltage range
- Less than 0.8 amp average current draw
- Reverse polarity and spike protection
- Rugged full-coverage housing
- Epoxy-encapsulated circuit board
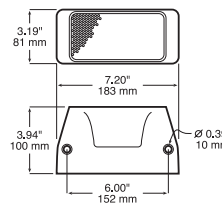
Order No.	Description	Pack	Std Carton
784-C	112 dB	box	10

786
Back-Up Alarm

- Round alarm fits the same circular opening used for standard 4-inch round, grommet-mount lights.
- Available in 97 dB and 102 dB versions.
- 786-97 has 12–48 volt operating range and meets SAE J994 Type C specifications.
- 786-102 has 12–24 volt operating range and meets SAE J994 Type F specifications.
- Comes complete with standard 426-18 mounting grommet.
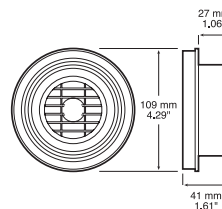
Order No.	Description	Pack	Std Carton
786-97	97 dB	box	1
786-102	102 dB	box	1

NEW!

MADE IN USA

135-951
Lead Wire

- Replacement wire for 106, 130, 135, and 138 series incandescent marker lights.

Order No.	Description	Pack	Std Carton
135-951	lead wire, black	poly pack	100

MADE IN USA

142-49/50/51
Marker Lamp Plugs

- 2-wire molded plug for clearance and marker lights.
- Fits 142, 143, 145, 146, and 150 series and competitive models.
- Includes a #10 ring terminal on ground wire; hot wire is stripped.
- See page 172 for optional plug retaining clip.

Order No.	Description	Pack	Std Carton
142-49	6" leads	poly pack	12
B142-49	6" leads	mfg. pack	100
B142-50	19" leads	mfg. pack	100
B142-51	12" leads	mfg. pack	100
B162-093	retaining clip	mfg. pack	100

MADE IN USA

146-49
Marker Lamp Harness

- Features two molded plugs with 2-wire termination.
- Included with M246K clearance light kit.
- Also fits 142, 143, 145, 146, and 150 series clearance and marker lights.
- Includes #10 ring terminal on ground wire; hot wire is blunt cut.
- May be used as harness for individual corner or ID lights.

Order No.	Description	Pack	Std Carton
B146-49	15" leads	mfg. pack	100

150-49
ID Bar Lamp Harness

MADE IN USA

- Replacement wire harness for 150-3 series identification light bar.
- Fits all competitive models.
- 6" ground wire w/ ring terminal and 8" hot wire.
- Includes #10 ring terminal on ground wire; hot wire is stripped.
- May be used as harness for individual corner or ID lights.
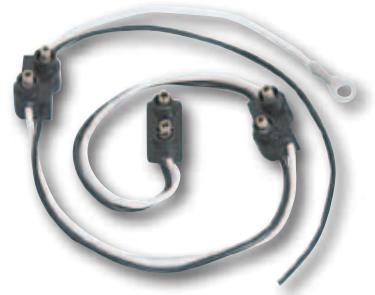
Order No.	Description	Pack	Std Carton
150-49	8" leads	poly pack	10

150-491
Lead Wire

MADE IN USA

- Single lead wire with male .156 termination and stripped end.
- Designed for use with 150 series lights and to provide additional connections on 154 series lights.

Order No.	Description	Pack	Std Carton
B150-491	.156 molded male, 18"	mfg. pack	100

152-49
Lead Wire

MADE IN USA

- Single lead wire with female .156 termination and stripped end.
- Designed for use with 152 series light.

Order No.	Description	Pack	Std Carton
B152-49	.156 molded female, 17"	mfg. pack	100
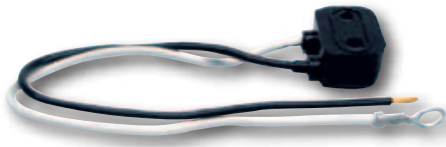
153-49

153-492

153-49/492
Marker Lamp Plugs

- 2-wire molded female plug for use with 152, 153, 154 and 161 series clearance and marker lights.
- 153-49 has ground wire with #10 ring terminal and stripped hot wire.
- B153-492 adapter plug mates male pin lamps to male pin harnesses.
- 153-493 & 153-494 versions include two .180 bullet terminals.

Order No.	Description	Pack	Std Carton
153-49	6" leads	poly pack	12
B153-49	6" leads	mfg. pack	100
B153-492	8" adapter	mfg. pack	100
B153-493	w/ 2 .180 bullets, white/black	mfg. pack	100
B153-494	w/ 2 .180 bullets, brown/white	mfg. pack	100

160-49

160-491

160-492

160-49/491/492
Marker Lamp Plugs

- Right-angle, two-wire plug for use with 155, 157 and 160 series LED clearance and marker lights.
- 8" leads
- 160-49 includes #10 ring terminal and stripped end.
- 160-491 includes #10 ring terminal and .180 bullet terminal.
- 160-492 includes two .180 bullet terminals.

Order No.	Description	Pack	Std Carton
160-49	ring term & stripped lead	poly pack	12
B160-49	ring term & stripped lead	mfg. pack	100
B160-491	ring term & .180 bullet	mfg. pack	100
B160-492	two .180 bullets	mfg. pack	100

162-49

162-493

B162-093 retaining clip

162-49/493
LED Marker Lamp Plugs

- Right-angle TRIPLE SEAL, two-wire plug for use with 162, 163, 164, 165, and 166 series LED clearance/marker lights.
- 162-49 includes stripped hot wire; ground wire provided with #10 ring terminal and heat shrink tubing for additional corrosion protection.
- 162-493 includes two .180 bullet terminals.
- See page 172 for optional plug retaining clip.

Order No.	Description	Pack	Std Carton
162-49	stripped/ring	poly pack	12
162-493	.180 bullets	poly pack	12
B162-49	stripped/ring	mfg. pack	100
B162-493	.180 bullets	mfg. pack	100
B162-093	retaining clip	mfg. pack	100

167-49/491
LED Marker Lamp Plugs

- 167-49 right angle plug and 167-491 straight plug.
- 2-wire molded plugs for use with 167 series LED clearance/marker light.
- 6" ground wire and hot wire are stripped.

167-49

167-491

Order No.	Description	Pack	Std Carton
B167-49	right angle	mfg. pack	100
B167-491	straight	mfg. pack	100

176-496
Lead Wire Adapter Kit

- Adapts hardwired leads to 0.180" bullet connectors.
- Special ridged design creates highly effective moisture barrier when mated to Maxi-Seal® advanced harness components.
- Kit contains 6 white wires, 6 black wires, and 12 heat-shrink butt splice connectors.

Order No.	Description	Pack	Std Carton
176-496	adapter kit	poly pack	6

192-492 / 193-492
LED 2-Wire Plug

- 2-wire hard-shell, weatherproof plug.
- For use with 192, 193, 194 and 195 series LED lights.
- Leads terminated with two .180 bullet terminals, can be removed for hardwiring into vehicle harness.
- 193-492 features molded plug housing.
- Grease is not recommended on AMP-style connections.

192-492

UPDATED DESIGN COMING SOON!

193-492

Order No.	Description	Pack	Std Carton
192-492	hardshell, .180 bullets	poly pack	12
B192-492	hardshell, .180 bullets	mfg. pack	50
B193-492	molded, .180 bullets	mfg. pack	50

344-49
Turn Signal Plug

- 3-wire hard shell, weather proof design.
- Replacement plug for 344 turn signal lights.
- Ground wire and two hot wires are blunt cut.

Order No.	Description	Pack	Std Carton
344-49	9" leads	poly pack	12

411-07
Pigtail

- Single wire with brass contact, nylon washer, and plug with stainless steel spring.
- Non-indexing type for all G-6, S-8, and S-11 single contact bulbs.

Order No.	Description	Pack	Std Carton
411-07	10" lead	poly pack	25
B411-07	10" lead	mfg. pack	100

413-07
Pigtail

- Two wires with brass contacts, nylon washer, and plug with stainless steel spring.
- Indexing type for all S-8 double contact bulbs.

Order No.	Description	Pack	Std Carton
413-07	10" leads	poly pack	25
B413-07	10" leads	mfg. pack	100

417-48 / 481 / 482
LED 2-Wire Plugs

- 2-wire hard-shell, weatherproof plug.
- For use with original non-hardwired versions of 417, 418, 420, and 423 series LED lights and new 817, 818, 820 & 823 series LED lights.
- 417-48 includes stripped hot wire; ground wire provided w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- 417-481 adapter plug fits 421-49 and 431-49 plugs.
- 417-482 includes two .180 bullet terminals.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
417-48	stripped lead/ring terminal	poly pack	6
417-481	adapter plug	poly pack	6
417-482	.180 bullets	poly pack	6
B417-48	stripped lead/ring terminal	mfg. pack	100
B417-481	adapter plug	mfg. pack	100

417-48

417-482

417-481

817-48 / 481 / 482
Molded LED 2-Wire Plugs

- 2-wire weatherproof plug with molded plug housing.
- For use with original non-hardwired versions of 417, 418, 420, and 423 series LED lights and new 817, 818, 820 & 823 series LED lights.
- 817-48 includes stripped hot wire; ground wire provided w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- 817-481 adapter plug fits 421-49 and 431-49 plugs.
- 817-482 includes two .180 bullet terminals.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
B817-48	stripped lead/ring terminal	mfg. pack	100
B817-481	adapter plug	mfg. pack	100
B817-482	.180 bullets	mfg. pack	100

817-48

UPDATED DESIGN COMING SOON!

817-482

817-481
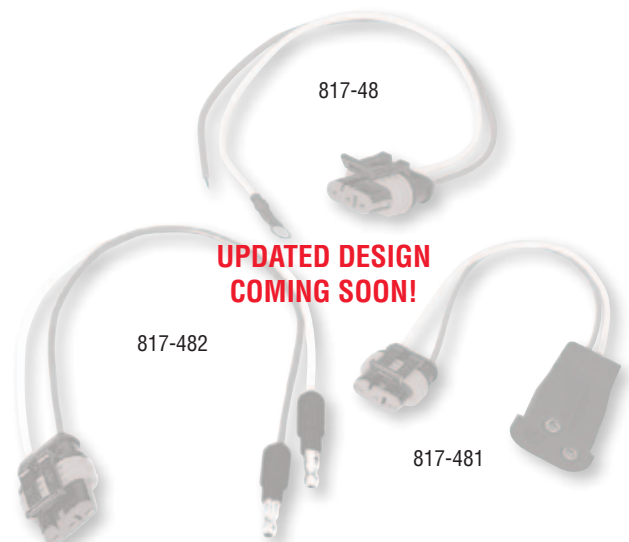
417-49/491/492
LED 3-Wire Plugs

- 3-wire hard-shell, weatherproof plug.
- For use with original non-hardwired versions of 417, 418, 420, and 423 series LED lights and new 817, 818, 820 & 823 series LED lights.
- 417-49 includes stripped hot wires; ground wire provided w/ #10 ring terminal and heat shrink tubing for additional corrosion protection.
- 417-491 adapter plug fits 421-491 and 431-491 plugs.
- 417-492 includes three .180 bullet terminals.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
417-49	stripped lead/ring terminal	poly pack	6
417-491	adapter plug	poly pack	6
B417-49	stripped lead/ring terminal	mfg. pack	100
B417-491	adapter plug	mfg. pack	100
B417-492	.180 bullets	mfg. pack	100

417-49

417-491

417-492

817-49

817-491

817-492

UPDATED DESIGN COMING SOON!
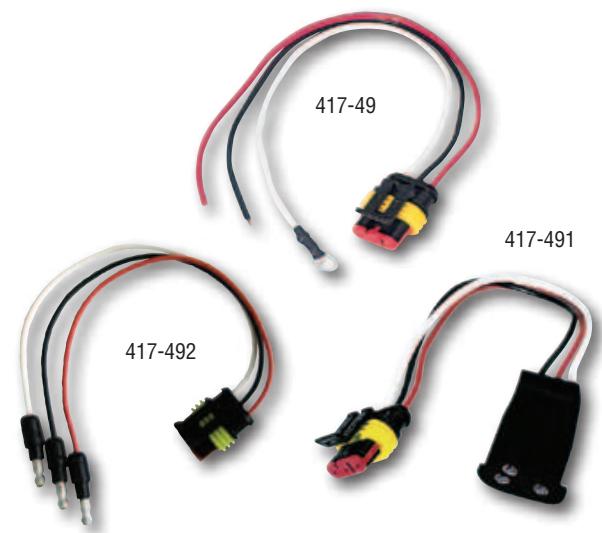
817-49/491/492
Molded LED 3-Wire Plugs

- 3-wire weatherproof plug with molded plug housing.
- For use with original non-hardwired versions of 417, 418, 420, and 423 series LED lights and new 817, 818, 820 & 823 series LED lights.
- 817-49 includes stripped hot wires; ground wire provided w/ #10 ring terminal and heat-shrink tubing for additional corrosion protection.
- 817-491 adapter plug fits 421-491 and 431-491 plugs.
- 817-492 includes three .180 bullet terminals.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
B817-49	stripped lead/ring terminal	mfg. pack	100
B817-491	adapter plug	mfg. pack	100
B817-492	.180 bullets	mfg. pack	100

817-49L
AMP-Compatible Lead Wire

- 3-wire, AMP to stripped lead harness available in two lengths.
- For use with original non-hardwired versions of 417, 418, 420, and 423 series LED lights and new 817, 818, 820 & 823 series LED lights.
- Flat jacketed cable with stripped hot wires; ground wire w/ #10 ring terminal.

Order No.	Description	Pack	Std Carton
B817-49S	12" overall length	mfg. pack	50
B817-49L	98.5" overall length	mfg. pack	50

880-496

880-491

880-49

880-49/491/496
AMP-Compatible Plugs

- B880-49 & B880-491 adapter plugs connect back-up light function on 880/881/882/883 series lights to standard PL2/PL3 or AMP style harness connections.
- B880-49 can be used to connect sync wire on 867SA, 860SA, 8344 and 8363 series multi-function LED strobes (See pages 138–139).
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
B880-49	adapter plug	mfg. pack	100
B880-491	adapter plug	mfg. pack	100
B880-496	adapter plug	mfg. pack	100

417-486
Packard-to-AMP Adapter

- 6" jumper harness to adapt AMP-style lights to Packard-style harness connection.

Order No.	Description	Pack	Std Carton
B417-486	2-wire Packard-to-AMP adapter	mfg. pack	100

417-491Y
LED Y-Adapter Plug

- Converts one incandescent stop/turn/tail plug into two LED hard-shell, weatherproof stop/turn/tail plugs.
- For use with non-hardwired lights.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
417-491Y	12" adapter plug	poly pack	6

417-491MP
LED Adapter Plug

- Converts single male-pin lamp connection into LED hard-shell, weatherproof stop/turn/tail plug.
- For use with non-hardwired lights.
- Grease is not recommended on AMP-style connections.
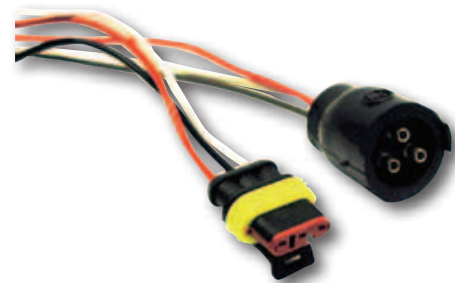
Order No.	Description	Pack	Std Carton
417-491MP	12" adapter plug	poly pack	6

417-493
Adapter Plug

- Adapts PL3 lamp to wiring terminated with LED-style plug.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
417-493	adapter plug	poly pack	10

417-496
Extension Harness

- Terminated with one male and one female hard-shell, weatherproof stop/turn/tail plug.
- Provides an extra 10 inches of length between LED light and vehicle harness.
- Grease is not recommended on AMP-style connections.

Order No.	Description	Pack	Std Carton
B417-496	extension harness	mfg. pack	100
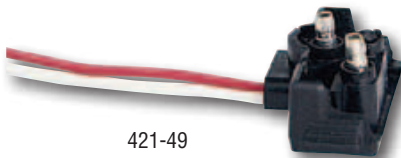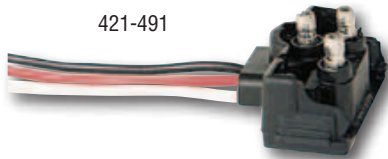
421-49/491/493
Right-Angle PL3 Plugs

- 2-wire (-49) and 3-wire (-491) right angle plugs for single contact sealed incandescent stop/turn or backup lamps.
- Includes #10 ring terminal on ground wire; hot wire is stripped.

421-49

421-491

Order No.	Description	Pack	Std Carton
421-49	2-wire, rt. angle, 10.5"	poly pack	12
421-491	3-wire, rt. angle, 10.5"	poly pack	12
B421-49	2-wire, rt. angle, 10.5"	mfg. pack	100
B421-491	3-wire, rt. angle, 10.5"	mfg. pack	100

421-491RS
Resistor Harness

- For use when upgrading existing vehicle turn signals from incandescent to LED.
- In-line 50 watt, 10 ohm resistor.
- Provides adequate resistance for proper flasher module operation.
- Terminated with one male and one female PL3 plug.

Order No.	Description	Pack	Std Carton
421-491RS	resistor harness	poly pack	12

421-491Y
PL3 "Y" Adapter Plug

- 3-wire molded plug converts one PL3 stop/turn/tail plug into two.
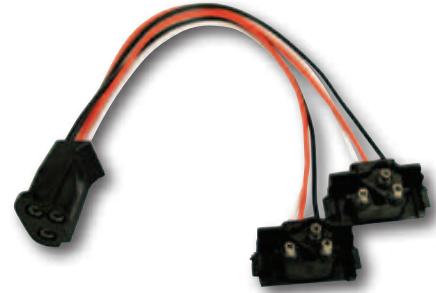
Order No.	Description	Pack	Std Carton
421-491Y	Y-adapter plug, 12"	poly pack	6

431-49/491
Straight PL3 Wire Plugs

- 2-wire (-49) and 3-wire (-491) molded plugs for double contact sealed incandescent stop/turn/tail lamps.
- Includes #10 ring terminal on ground wire; hot wire is stripped.
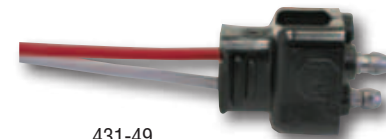
431-49

431-491

Order No.	Description	Pack	Std Carton
431-49	2-wire, straight, 10.5"	poly pack	12
431-491	3-wire, straight, 10.5"	poly pack	12
B431-49	2-wire, straight, 10.5"	mfg. pack	100
B431-491	3-wire, straight, 10.5"	mfg. pack	100

431-492
Extension Harness

- 3-wire harness terminated with one male and one female PL3 stop/turn/tail plug.
- Provides over 12 additional inches of length between light and vehicle harness.

NEW!

Order No.	Description	Pack	Std Carton
B431-492	extension harness	mfg. pack	100

VIZ PACK

2730
Accessory Plug/Socket

- Polycarbonate plastic accessory plug and socket.
- Nickel-plated, phosphor-bronze metals for corrosion resistance.
- Socket fits all types of 12-volt accessories.
- Includes O-ring gasket and weather flap for protection.
- Plug features easy, no-solder, screw trap connection.

Order No.	Description	Pack	Std Carton
V2730	plug and socket set	Viz Pack	6
V2730S	socket	Viz Pack	6
V2730P	plug	Viz Pack	6
M2730S	socket	mfg. pack	48
M2730P	plug	mfg. pack	48
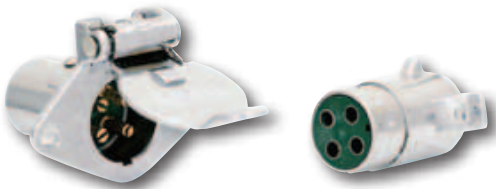
5404
Round 4-Way Connector

- Round, four-way trunk and trailer connector.
- Bright chrome-plated finish.
- Spring loaded cover on trunk connector.
- Brass contacts.

Order No.	Description	Pack	Std Carton
5404	complete kit	poly pack	10

5406
Round 6-Way Connector

- Round, 6-way male and female connectors.
- Molded interiors.
- Stainless steel spring on receptacle cover protects against corrosion and helps ensure dust and water-resistant seal.

Order No.	Description	Pack	Std Carton
5406P	plug	poly pack	10
5406S	socket	poly pack	10

5407
Round 7-Way Connector

- 7-way male and female connectors for heavy duty use.
- Diecast zinc construction.
- Accepts wide range of wire gauges.
- Built-in socket slant provides easy alignment and maximum contact.

Order No.	Description	Pack	Std Carton
5407P	plug	poly pack	10
5407S	socket	poly pack	10

2578
Breakaway Switch

- Required by law in some states.
- Ensures braking on towed vehicle during an accidental separation of trailer and towing vehicle.
- Emergency use only, not for braking when parked or stored.

Order No.	Description	Pack	Std Carton
2578	switch w/ lanyard	mfg. pack	120
2578-1	lanyard only	mfg. pack	250

5411
4-Way Flat Tester

- Tester plugs into connector of tow vehicle and illuminates when the electrical connections are correct.
- Tests to SAE standards on flat 4-way functions for tail light, stop/turn lights, and ground.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5411	tester	Viz Pack	6

5413
6 to 4-Way Harness Adapter

- Converts 6-Way Round connector to 4-Way Flat connector.
- Easily adapts tow vehicle connector to trailer connector.
- Full length plug shell ensures positive latching.
- Non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5413	3" length	Viz Pack	6

5414
7 to 4-Way Harness Adapter

- Converts 7-Way Round blade connector to 4-Way Flat pin connector.
- Easily adapts tow vehicle connector to trailer connector.
- Full-length plug shell ensures positive latching.
- Features non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5414	3 1/2" length	Viz Pack	6
5414	3 1/2" length	poly pack	12

VIZ PACK
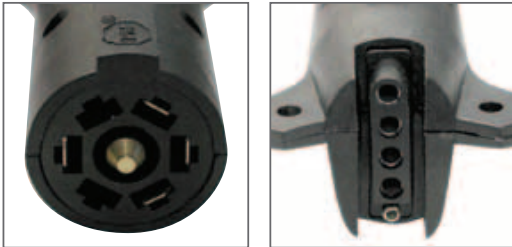
5415
7 to 5-Way Harness Adapter

- Converts 7-Way Round blade connector to 5-Way Flat pin connector.
- Easily adapts tow vehicle connector to trailer connector.
- Simply plug adapter into tow vehicle connector and plug in trailer connector.
- Full length plug shell ensures positive latching.
- Non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5415	4" length	Viz Pack	6
5415	4" length	poly pack	12

VIZ PACK

5416
7 to 4-Way Harness Adapter

- Converts 7-Way Round pin connector to 4-Way Flat pin connector
- Easily adapts tow vehicle connector to trailer connector.
- Full length plug shell ensures positive latching.
- Non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5416	4" length	Viz Pack	6

VIZ PACK
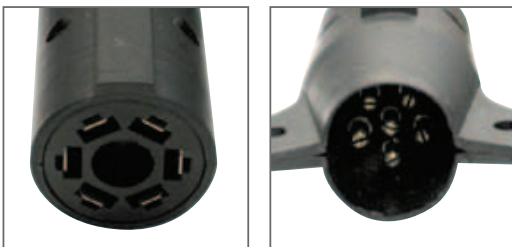
5417
7 to 6-Way Harness Adapter

- Converts 7-Way Round blade connector to 6-Way Round pin connector.
- Easily adapts tow vehicle connector to trailer connector.
- Full length plug shell ensures positive latching.
- Non-corrosive nylon shell.
- 7A max current through ground. Sum of all current through other terminals should not exceed 7 amps.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V5417	4" length	Viz Pack	6

5400A
Trailer Connector

- Flat four-way trailer connector.
- 12" lead wires.
- Color coded wire meets SAE J1128 specifications.
- Plug meets SAE J1239 specifications.
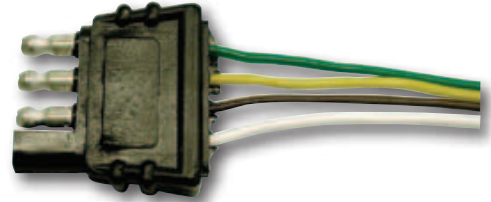
Order No.	Description	Pack	Std Carton
V5400A	4-way	Viz Pack	6
B5400A	4-way	mfg. pack	100

5400B
Trunk Connector

- Flat four-way trunk connector.
- Three 48" lead wires and 12" ground wire.
- Color coded wire meets SAE J1128 specifications.
- Plug meets SAE J1239 specifications.
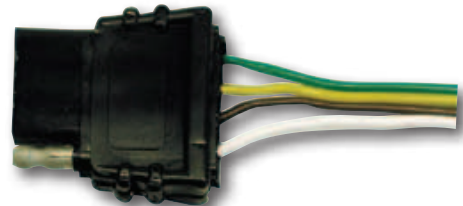
Order No.	Description	Pack	Std Carton
V5400B	4-way	Viz Pack	6
B5400B	4-way	mfg. pack	100

5401 / 5402
Trailer / Trunk Extension Harnesses

- 30" harness extension.
- Available in both 4-way and 5-way flat configurations.
- Each configuration has trailer connector on one end and trunk connector on other.
- Perfect for those times when an extension is needed between the tow vehicle and trailer.

Order No.	Description	Pack	Std Carton
V5401	4-way	Viz Pack	6

2412/2712
Clearance/Marker/ID Wire Harness

- Front clearance and side marker harness features 16-gauge wire with four molded plugs.
- Rear clearance, rear side marker, and identification light harness features 18-gauge wire with seven molded plugs.
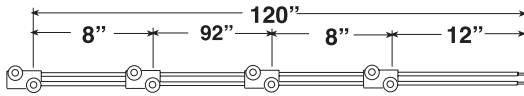
2412
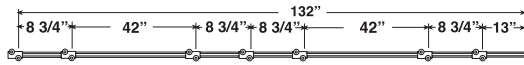
2712

Order No.	Description	Pack	Std Carton
B2412	front, 10'	mfg. pack	50
B2712	rear, 11'	mfg. pack	50

5410
Tail Light Converter

- Use in place of our 5400B trunk connector when towing vehicle utilizes turn signal separate from stop/tail lamp.
- Converts 5-wire system down to 4-wire system.
- Heavy-duty, 10-amp transistors prevent premature failure.
- Includes all electrical connections and installations instructions.

Order No.	Description	Pack	Std Carton
V5410	complete kit	Viz Pack	6
B5410	complete kit	mfg. pack	24

5425
Split Trailer Harness Kit

- 25', split, four conductor harness.
- Designed to split at trailer tongue and run down each side of frame.
- Flat four-way plug.
- Includes trunk connector.
- Color-coded wire meets SAE J1128 specifications.
- Plug meets SAE J1239 specifications.
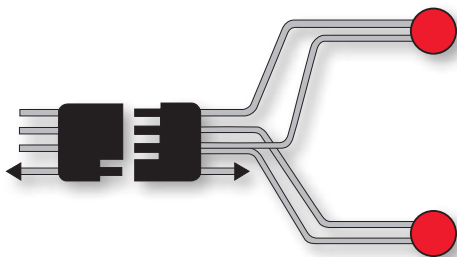
Order No.	Description	Pack	Std Carton
V5425Y	complete kit	Viz Pack	6
B5425Y	complete kit	mfg. pack	25

520-10 Nightwatcher® LX
Auxiliary Wiring Kit

VIZ PACK

- Complete kit includes illuminated rocker switch, 30 amp relay, color-coded terminated wires and fuse holder.
- Self-service Viz Pack packaging.
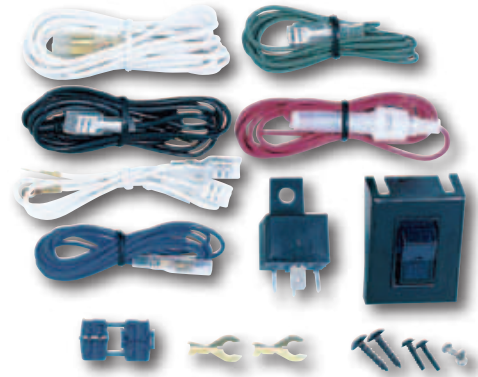
Order No.	Description	Pack	Std Carton
V520-10	wiring kit	Viz Pack	12

520-40 Nightwatcher® LX
30 Amp Relay

VIZ PACK

- Universal relay for safety and protection.
- 30-amp heavy duty capacity.
- Guards against overloads and arcing.
- 12-volt only.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V520-40	relay	Viz Pack	12

520-41 Nightwatcher® LX
Illuminated Rocker Switch

VIZ PACK

- Universal rocker switch for all quartz halogen lamps and other lighting applications.
- Illuminated.
- 15 amp capacity.
- Self-service Viz Pack packaging.

Order No.	Description	Pack	Std Carton
V520-41	rocker switch	Viz Pack	12

5501
Switch Panel

VIZ PACK

- Durable black plastic mounts easily for convenient switch mounting.
- 1/2" diameter hole accommodates most standard toggle switches.
- Also accepts PMV5525PT indicator light.

Order No.	Description	Pack	Std Carton
PMV5501PT	black	Viz Pack	1
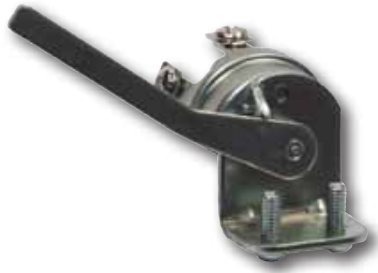
18-41
Back-Up Mechanical Switch

- For vehicles not originally equipped with back-up lights.
- Plated, corrosion-resistant switch moves in one direction.
- Install adjacent to gear shift lever or linkage for actuation.
- 8-amp rating.
- Meets SAE J249 specifications.

Order No.	Description	Pack	Std Carton
18-41	light-duty	box	12

19-41
Back-Up Mechanical Switch

- For vehicles not originally equipped with back-up lights.
- Heavy-duty, water and dust tight switch with 360 degree movement.
- Includes mounting bracket and cable grip connector.
- 12-36V DC, 5 amps max.
- Meets SAE J249 specifications.

Order No.	Description	Pack	Std Carton
19-41	heavy-duty	box	12

5600
Timer Box Switch

- 10 amp maximum load.
- Pre-programmed for 30 min. of ON time per button push.
- Additional time can be added at any time.
- Lights flash per button push to indicate that command is received.
- Pushing and holding button turns off lights at any time.
- "2 minute warning" slowly dims and raises light level prior to shut-off.
- Available in surface mount and recessed mount versions.

5600 — 3.50" 89 mm, 0.55" 14 mm
5600-1 — 4.25" 108 mm, 0.47" 12 mm, 0.55" 14 mm
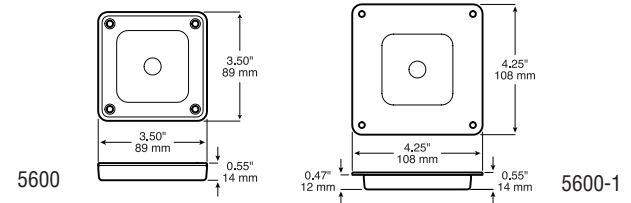
Order No.	Description	Pack	Std Carton
5600	surface mount	mfg. pack	50
5600-1	recessed mount	mfg. pack	50
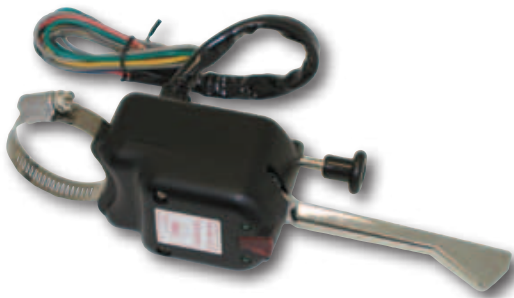
500
Turn Signal Switch

- 7-wire unit for vehicles with combination stop and turn signal lamps requiring brake light circuit.
- Includes built-in pilot lights to indicate left and right turn.
- Heavy diecast flat black enamel housing w/ chrome-plated lever.
- Hazard warning switch with hazard pilot light.
- Supplied with universal steering column clamp and in-line fuse.
- Flasher not included.

Order No.	Description	Pack	Std Carton
V500	7-wire	Viz Pack	6
500	7-wire	box	6

VIZ PACK

Order No.	Description	Std Carton
PMV5503PT	ignition switch – 4 stud .75" dia. hole 30A	1

Order No.	Description	Std Carton
PMV5504PT	flush mount horn button black plastic with nickel plated housing 5A 12V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5509PT	HD momentary on push-button w/boot 60A 12V	1

Order No.	Description	Std Carton
PMV5512PT	push-button momentary on switch 5/8" mount hole 15A 12V 25A 6V	1

VIZ PACK

Order No.	Description	Std Carton
PMV5522PT	heavy duty push/pull on-off switch 3/8" mount hole with chrome plated metal knob and 2 screws 75A 6-28V	1

Order No.	Description	Std Carton
PMV5579PT	euro switch push/pull on-off 5/16 mount hole with screws 12V 16A	1

VIZ PACK

Order No.	Description	Std Carton
PMV5510PT	on-off metal bat handle toggle SPST switch with 2 screws 15A 12V	1

Order No.	Description	Std Carton
PMV5511PT	metal ball handle SPST toggle 3A/250V 5A/125V	1

Order No.	Description	Std Carton
PMV5513PT	weather resistant on-off toggle SPST switch with toggle boot 20A 12V	1

Order No.	Description	Std Carton
PMV5536PT	illuminated red on-off SPST toggle switch 1/2" mount hole with 1/4" blades 16A 12V	1

Order No.	Description	Std Carton
PMV5537PT	illuminated blue on-off SPST toggle switch 1/2" mount hole with 1/4" blades 16A 12V	1

Order No.	Description	Std Carton
PMV5540PT	black on-off SPST toggle switch 1/2" mount hole with 1/4" blades 16A 12V	1

Order No.	Description	Std Carton
PMV5543PT	heavy duty on-off-on SPDT toggle switch die cast 3 copper screw tabs and 3 brass screws 1/2" mount hole with indicator plate 50A 6-12V	1

Order No.	Description	Std Carton
PMV5544PT	heavy duty on-off-on momentary SPDT toggle switch die cast 3 copper screw tabs and 3 brass screws 1/2" mount hole with indicator plate 50A 6-12V	1

Order No.	Description	Std Carton
PMV5545PT	heavy duty SPST die cast 2 copper screw tabs and 2 brass screws 1/2" mount hole with indicator plate 50A 6-12V	1

Order No.	Description	Std Carton
PMV5546PT	on-off-on metal bat handle SPDT toggle switch 1/2" mount hole with indicator plate 15A 12V	1

Order No.	Description	Std Carton
PMV5560PT	illuminated red led on-off SPST toggle switch 1/2" mount hole with 1/4" blades 12V 10A	1

Order No.	Description	Std Carton
PMV5561PT	illuminated blue led on-off SPST toggle switch 1/2" mount hole with 1/4" blades 12V 10A	1

Order No.	Description	Std Carton
PMV5562PT	illuminated amber led on-off SPST toggle switch 1/2" mount hole with 1/4" blades 12V 10A	1

Order No.	Description	Std Carton
PMV5563PT	illuminated green led on-off SPST toggle switch 1/2" mount hole with 1/4" blades 12V 10A	1

Order No.	Description	Std Carton
PMV5571PT	On-Off SPST Toggle Switch with Red LED Indicator Light in Brushed Aluminum Bat Handle 12 Volt 15 Amp	1

Order No.	Description	Std Carton
PMV5572PT	heavy duty on-off SPST toggle switch die cast red handle 2 copper screw tabs and 2 brass screws 1/2" mount hole with indicator plate 50A 6-12V	1

Order No.	Description	Std Carton
PMV5576PT	on-off metal bat handle toggle SPST switch with indicator plate 3A 240 vac 6A 120 vac	1

Order No.	Description	Std Carton
PMV5577PT	on-off metal bat handle toggle SPST switch with indicator plate 20A 12V	1

Order No.	Description	Std Carton
PMV5570PT	weather resistant boot with threaded mounting nut for toggle switches fits 3/8" to 5/8" by 1/2" toggle	1

Order No.	Description	Std Carton
PMV5530PT	illuminated red on-off SPST rocker switch with 1/4" blades 16A 12V	1

Order No.	Description	Std Carton
PMV5580PT	illuminated red on-off oblong rocker switch 1/2" mount hole and 1/4" blades 15A 12V	1

Order No.	Description	Std Carton
PMV5583PT	illuminated green on-off oblong rocker switch 1/2" mount hole and 1/4" blades 12V 25A	1

Order No.	Description	Std Carton
PMV5584PT	illuminated red led on-off oblong rocker switch 1/2" mount hole and 1/4" blades 12V 25A	1

Order No.	Description	Std Carton
PMV5587PT	illuminated green led on-off oblong rocker switch 1/2" mount hole and 1/4" blades 12V 25A	1

Order No.	Description	Std Carton
PMV5525PT	indicator light - illuminated red 1/2" mount hole with 1/4" blades 16A 12V	1

Order No.	Description	Pack	Std Carton
PMV5564PT	indicator light - illum. red, 7/16" mtg hole, 1/4" blades 12V 15A	Viz Pack	1
PM5564PT	indicator light - illum. red, 7/16" mtg hole, 1/4" blades 12V 15A	poly pack	50

0002
Solderless Terminal Assortment

- 175 pieces.
- Comes complete in sturdy, closeable plastic container.

Order No.	Description	Pack	Std Carton
PMV0002-T	terminal kit	Viz Pack	1

1585
Alligator Clip Assortment

- 6 pieces.
- Assorted sizes and styles.

Order No.	Description	Pack	Std Carton
PMV1585KT	alligator clip assortment	Viz Pack	1

6110
Grommet Assortment

- 15 pieces.
- Assorted sizes and styles.

Order No.	Description	Pack	Std Carton
PMV6110PT	grommet assortment	Viz Pack	1

VIZ PACK

7029
Carburetor Cap Assortment

- 40 pieces.
- Assorted sizes and styles.

Order No.	Description	Pack	Std Carton
PMV7029PT	carburetor cap assortment	Viz Pack	1

MADE IN USA
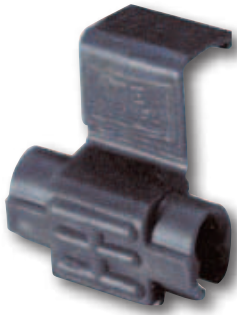
560
Connector

- Designed for connecting 14- to 18-gauge wire
- For non-submersible applications.

Order No.	Description	Pack	Std Carton
B560	connector	poly pack	100

MADE IN USA
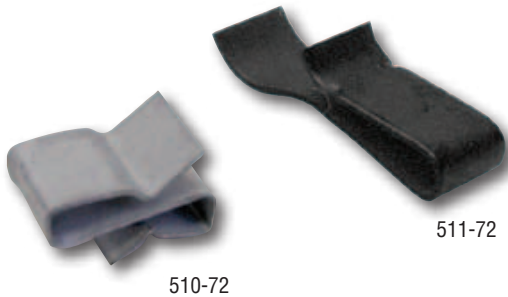
510/511
Frame Clips

- Securely and safely attaches harness to trailer frame.
- Available in medium- or heavy-duty strength.

511-72

510-72

Order No.	Description	Pack	Std Carton
B510-72	medium-duty	mfg. pack	100
B511-72	heavy-duty	mfg. pack	100

Order No.	Description	Std Carton
PMV0905PT	15 AMP fuse holder 16 AWG Qty 1	1
PMV0906PT	30 AMP fuse holder 12 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0950PT	30 AMP ATC/ATO fuse holder 12 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0961PT	10 AMP fuse holder 16 AWG Qty 1	1
PMV0963PT	20 AMP ATC/ATO fuse holder 12 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0967PT	30 AMP fuse holder 12 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0969PT	60 AMP ATC/ATO fuse holder 8 AWG Qty 1	1

Order No.	Description	Std Carton
PMV0840PT	red & black insul. 30 AMP test Clips Qty 1 set	1

Order No.	Description	Std Carton
PMV1544KT	wire nut blue 22-16 AWG Qty 15	1
PMV1545KT	wire nut orange 18-16 AWG Qty 20	1
PMV1546KT	wire nut yellow 18-12 AWG Qty 8	1

Order No.	Description	Std Carton
PMV1560KT	18-14 AWG quick splice (blue) Qty 5	1
PMV1560PT	18-14 AWG quick splice (blue) Qty 15	1
PMV1560QT	18-14 AWG quick splice (blue) Qty 2	1

Order No.	Description	Std Carton
PMV1100KT	22-16 AWG nylon butt connector Qty 11	1
PMV1100PT	22-16 AWG nylon butt connector Qty 50	1

Order No.	Description	Std Carton
PMV1200KT	16-14 AWG nylon butt connector Qty 11	1
PMV1200PT	16-14 AWG nylon butt connector Qty 50	1

Order No.	Description	Std Carton
PMV1268KT	16-14 AWG .157" single bullet recept. Qty 7	1

Order No.	Description	Std Carton
PMV1300KT	12-10 AWG nylon butt connector Qty 6	1
PMV1300PT	12-10 AWG nylon butt connector Qty 25	1

Order No.	Description	Std Carton
PMV1700KT	22-16 AWG vinyl butt connector Qty 20	1
PMV1700PT	22-16 AWG vinyl butt connector Qty 50	1
PMV1700QT	22-16 AWG vinyl butt connector Qty 5	1

Order No.	Description	Std Carton
PMV1705KT	22-16 AWG vinyl #10 ring Qty 20	1

Order No.	Description	Std Carton
PMV1725KT	22-16 AWG vinyl #10 spade Qty 18	1

Order No.	Description	Std Carton
PMV1749KT	22-16 AWG vinyl .110" female Qty 18	1
PMV1755KT	22-16 AWG vinyl .250" female Qty 18	1
PMV1755QT	22-16 AWG vinyl .250" female Qty 3	1

Order No.	Description	Std Carton
PMV1800KT	16-14 AWG vinyl butt connector Qty 20	1
PMV1800PT	16-14 AWG vinyl butt connector Qty 50	1
PMV1800QT	16-14 AWG vinyl butt connector Qty 5	1

Order No.	Description	Std Carton
PMV1804KT	16-14 AWG vinyl #8 ring Qty 20	1
PMV1805KT	16-14 AWG vinyl #10 ring Qty 20	1
PMV1805QT	16-14 AWG vinyl #10 ring Qty 5	1

Order No.	Description	Std Carton
PMV1806KT	16-14 AWG vinyl 1/4" ring Qty 14	1
PMV1806QT	16-14 AWG vinyl 1/4" ring Qty 3	1

Order No.	Description	Std Carton
PMV1808KT	16-14 AWG vinyl 5/16" ring Qty 12	1
PMV1808QT	16-14 AWG vinyl 5/16" ring Qty 3	1
PMV1809KT	16-14 AWG vinyl 3/8" ring Qty 10	1

Order No.	Description	Std Carton
PMV1825KT	16-14 AWG vinyl #10 spade Qty 18	1

Order No.	Description	Std Carton
PMV1855KT	16-14 AWG vinyl .250" female Qty 20	1
PMV1855PT	16-14 AWG vinyl .250" female Qty 100	1
PMV1855QT	16-14 AWG vinyl .250" female Qty 5	1

Order No.	Description	Std Carton
PMV1856KT	16-14 AWG vinyl .250" male Qty 19	1
PMV1856QT	16-14 AWG vinyl .250" male Qty 5	1

Order No.	Description	Std Carton
PMV1858KT	16-14 AWG vinyl .157" bullet Qty 19	1
PMV1858QT	16-14 AWG vinyl .157" bullet Qty 5	1

Order No.	Description	Std Carton
PMV1864KT	16-14 AWG nylon .250" fully insul. male Qty 10	1
PMV1864PT	16-14 AWG nylon .250" fully insul. male Qty 25	1

Order No.	Description	Std Carton
PMV1865KT	16-14 AWG nylon .250" fully insul. female Qty 10	1
PMV1865PT	16-14 AWG nylon .250" fully insul. female Qty 50	1
PMV1865QT	16-14 AWG nylon .250" fully insul. female Qty 2	1

Order No.	Description	Std Carton
PMV1900KT	12-10 AWG vinyl butt connector Qty 14	1
PMV1900PT	12-10 AWG vinyl butt connector Qty 25	1
PMV1900QT	12-10 AWG vinyl butt connector Qty 4	1

Order No.	Description	Std Carton
PMV1905KT	12-10 AWG vinyl #10 ring Qty 14	1
PMV1905QT	12-10 AWG vinyl #10 ring Qty 3	1

Order No.	Description	Std Carton
PMV1906KT	12-10 AWG vinyl 1/4" ring Qty 12	1
PMV1906PT	12-10 AWG vinyl 1/4" ring Qty 25	1
PMV1908KT	12-10 AWG vinyl 5/16" ring Qty 11	1
PMV1908PT	12-10 AWG vinyl 5/16" ring Qty 25	1

Order No.	Description	Std Carton
PMV1909KT	12-10 AWG vinyl 3/8" ring Qty 10	1
PMV1909PT	12-10 AWG vinyl 3/8" ring Qty 25	1
PMV1909QT	12-10 AWG vinyl 3/8" ring Qty 2	1
PMV1913QT	12-10 AWG vinyl 1/2" ring Qty 1	1

Order No.	Description	Std Carton
PMV1955KT	12-10 AWG vinyl .250" female Qty 15	1
PMV1955QT	12-10 AWG vinyl .250" female Qty 3	1

Order No.	Description	Std Carton
PMV1956QT	12-10 AWG vinyl .250" male Qty 3	1

Order No.	Description	Std Carton
PMV2250GT	22-16 AWG heat shrink butt conn. Qty 25	1
PMV2250PT	22-16 AWG heat shrink butt conn Qty 5	1

Order No.	Description	Std Carton
PMV2260GT	16-14 AWG heat shrink butt conn Qty 25	1
PMV2260PT	16-14 AWG heat shrink butt conn Qty 5	1

Order No.	Description	Std Carton
PMV2270GT	12-10 AWG heat shrink butt conn Qty 25	1
PMV2270PT	12-10 AWG heat shrink butt conn Qty 5	1

Order No.	Description	Std Carton
PMV3157QT	12-10 AWG nylon w/grip .375" female Qty 2	1

Order No.	Description	Std Carton
PMV4008KT	8 AWG 5/16" brazed ring Qty 5	1

Order No.	Description	Std Carton
PMV4050KT	8 AWG insul. lug connector Qty 3	1

Order No.	Description	Std Carton
PMV4138KT	6 AWG 5/16" tubular ring Qty 2	1
PMV4238KT	4 AWG 5/16" tubular ring Qty 2	1

Order No.	Description	Std Carton
PMV4239KT	4 AWG 3/8" tubular ring Qty 2	1
PMV4339KT	2 AWG 3/8" tubular ring Qty 1	1
PMV4439KT	1/0 AWG 3/8" tubular ring Qty 1	1
PMV4539KT	2/0 AWG 3/8" tubular ring Qty 1	1

Order No.	Description	Std Carton
PMV5140PT	black 1/4" convoluted tubing 14'	1
PMV5141PT	black 3/8" convoluted tubing 10'	1
PMV5142PT	black 1/2" convoluted tubing 7'	1
PMV5143PT	black 3/4" convoluted tubing 5'	1

Order No.	Description	Std Carton
PMV7064PT	wht 4" nylon tie wrap 18lb tensile strength Qty 25	1
PMV7066PT	wht 6" nylon tie wrap 50lb tensile strength Qty 25	1
PMV7067PT	wht 11" nylon tie wrap 50lb tensile strength Qty 25	1

Order No.	Description	Std Carton
PMV7074PT	blk 4" nylon tie wrap 18lb tensile strength Qty 25	1
PMV7076PT	blk 6" nylon tie wrap 50lb tensile strength Qty 25	1
PMV7077PT	blk 11" nylon tie wrap 50lb tensile strength Qty 25	1

Order No.	Description	Std Carton
PMV7120QT	1/4" nylon clamp Qty 7	1

Order No.	Description	Std Carton
PMV81101PT	10 AWG red primary wire 10'	1
PMV81121PT	12 AWG red primary wire 12'	1
PMV81141PT	14 AWG red primary wire 20'	1
PMV81161PT	16 AWG red primary wire 25'	1
PMV81181PT	18 AWG red primary wire 35'	1

Order No.	Description	Std Carton
PMV81103PT	10 AWG black primary wire 10'	1
PMV81123PT	12 AWG black primary wire 12'	1
PMV81143PT	14 AWG black primary wire 20'	1
PMV81163PT	16 AWG black primary wire 25'	1
PMV81183PT	18 AWG black primary wire 35'	1

Order No.	Description	Std Carton
PMV81142PT	14 AWG yellow primary wire 20'	1
PMV81162PT	16 AWG yellow primary wire 25'	1

Order No.	Description	Std Carton
PMV81147PT	14 AWG white primary wire 20'	1
PMV81187PT	18 AWG white primary wire 35'	1

Order No.	Description	Std Carton
PMV81164PT	16 AWG green primary wire 25'	1
PMV81145PT	14 AWG blue primary wire 20'	1
PMV81165PT	16 AWG blue primary wire 25'	1
PMV81166PT	16 AWG brown primary wire 25'	1

Order No.	Description	Std Carton
PMV8221PT	1/4" single Wall black Shrink Tubing Qty 4	1
PMV8226PT	assorted Shrink Tubing Qty 4	1

PMPL3
Daisy Chain Wiring Reel

- 100' reel of PL3 plugs
- 12" distance between plugs
- Single bonded wire

Order No.	Description	Pack	Std Carton
PMPL3-100-12	100' Reel	mfg. pack	1

PMPL10
Daisy Chain Wiring Reel

- 100' reel of PL10 plugs
- 12" distance between plugs
- Double bonded wire

Order No.	Description	Pack	Std Carton
PMPL10-100-12	100' Reel	mfg. pack	1

PMD180
Daisy Chain Wiring Reel

- 100' reel of double .180 bullet female connectors
- 10" distance between plugs
- Double bonded wire

Order No.	Description	Pack	Std Carton
PMD180-100-10	100' Reel	mfg. pack	1

ECK
Anti-Corrosive Dielectric Grease

- Protects aluminum and stainless steel against electrolytic reaction.
- Isolates dissimilar metals.
- Dielectric, suitable for use on electrical components.
- Contains anti-seize lubricant.
- 3.75 oz. tube.

Order No.	Description	Pack	Std Carton
PM-ECK-T	3.75 oz.	tube	24

0099
Dielectric Grease

- Keeps battery terminals corrosion free.
- Seals High Energy ignition systems.
- Prevents voltage leakage.
- 0.25 oz. squeeze packet.

Order No.	Description	Pack	Std Carton
PMV0099PT	0.25 oz.	Viz Pack	1

0300
Crimping Tool

- Cuts, strips and crimps wire.
- For 10 ga. to 22 ga. wire.
- Cushioned grips.

Order No.	Description	Pack	Std Carton
PMV0300T	crimping tool	Viz Pack	1

0690
Circuit Tester

- Equipped with aliigator clip and metal probe.
- Test bulb illuminates inside non-conductive handle.
- Compatible with 6-12 volt circuits.

Order No.	Description	Pack	Std Carton
PMV0690PT	circuit tester	Viz Pack	1

1575
Test Lead Set

- Set of two 30" leads.
- Alligator clips on both ends.
- Red and black insulation.

Order No.	Description	Pack	Std Carton
PMV1575PT	test lead set	Viz Pack	1

What makes Spitfire® wide angle reflectors so superior?

- 50% wider reflectivity angle than conventional reflectors
- 47,000 microprisms per square inch for superior candle power
- Ultra-thin design—just .012" thick
- Hermetically sealed and unbreakable
- Industrial strength adhesive
- Easy to install on flat or curved surfaces
- Exceed DOT specifications
- Available in amber or red

Conventional

SPITFIRE

VIZ PACK

MADE IN USA
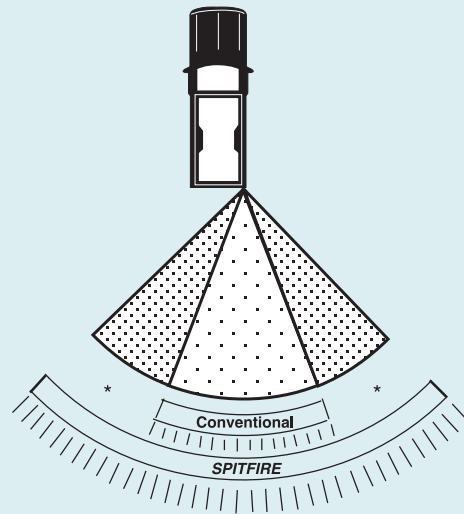
493 Spitfire® Pressure-Sensitive Reflector Kit

- Contains two each: 489, 490, 491 reflectors.
- Available in amber or red.
- High-strength, pressure-sensitive backing adhesive.
- Attractive, self-service visual packaging.

Red and amber Viz Pack kits contain all the reflectors shown at left in attractive, sealed, hangable blister packs.

Order No.	Description	Pack	Std Carton
V493KA	amber kit	Viz Pack	12
V493KR	red kit	Viz Pack	12

489 Spitfire®
Pressure-Sensitive Rectangular Reflector

- Rectangular reflector measures 2.75" x 1.75" (70 mm x 45 mm).
- High-strength, pressure-sensitive backing adhesive.

Order No.	Description	Pack	Std Carton
B489A	amber	mfg. pack	100
B489R	red	mfg. pack	100

490 Spitfire®
Pressure-Sensitive Round Reflector

- Round reflector measures 2.88" (73 mm) diameter.
- High-strength, pressure-sensitive backing adhesive.
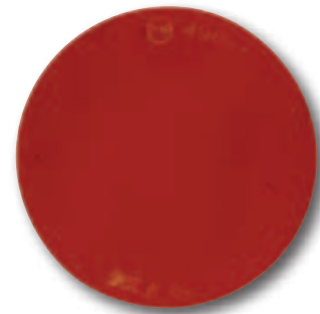
Order No.	Description	Pack	Std Carton
V490A	amber	Viz Pack	6
V490R	red	Viz Pack	6
B490A	amber	mfg. pack	100
B490R	red	mfg. pack	100

491 Spitfire®
Pressure-Sensitive Rectangular Reflector

- Rectangular reflector measures 4.31" x 1.69" (110 mm x 43 mm).
- High-strength, pressure-sensitive backing adhesive.

Order No.	Description	Pack	Std Carton
B491A	amber	mfg. pack	100
B491R	red	mfg. pack	100

492 Spitfire®
Pressure-Sensitive Rectangular Reflector

- Rectangular reflector measures 4.31" x 13/16" (110 mm x 21 mm).
- High-strength, pressure-sensitive backing adhesive.
- Ideal for applications where space is minimal.
- For accessory use only.
- Does not feature labeling required to meet FMVSS 108 requirements.

Order No.	Description	Pack	Std Carton
B492A	amber	mfg. pack	100
B492R	red	mfg. pack	100

Current Federal regulations require all trailers over 80" wide and over 10,000 pounds GVWR to be equipped with conspicuity treatment.
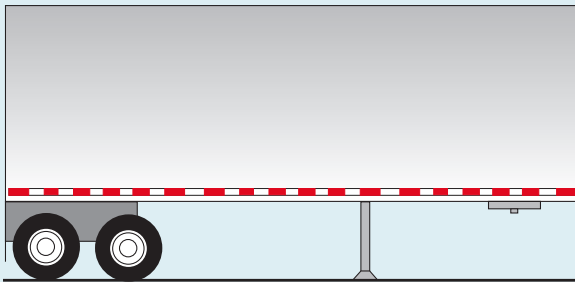
Trailer sides must have one horizontal 2" wide strip or two 1" wide strips of red/white reflective tape running the entire length of the trailer, 15" to 60" above the ground. Either one continuous strip or intermittent strips evenly spaced to cover at least half the length of the trailer is permitted.

At the rear, 2" wide red/white reflective tape must run the width of the trailer. Additionally, 2" wide red/white reflective tape must be placed on the horizontal bar of the underride bumper, as well as 2" x 11.8" (300mm) white strips horizontally and vertically in the upper corners.
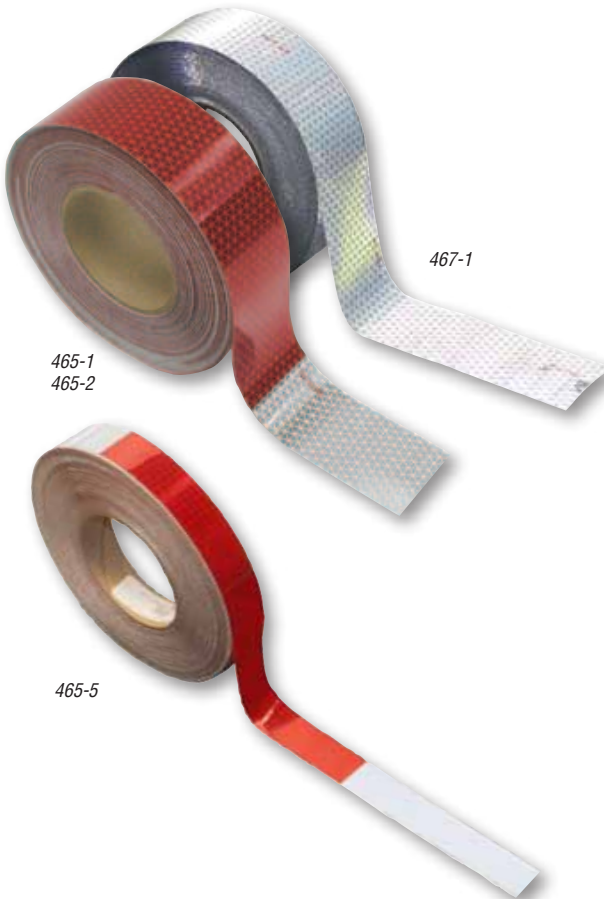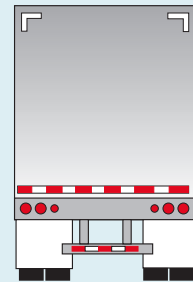
463/464/465/467
Reflective Marking Tape

- Reflective material rated at 600 (V92) or 1,000 (V82) candle power.
- UV-stabilized and weather resistant high performance polyester film.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- No edge sealing requirement and can be riveted through.
- Single layer prismatic construction maintains reflectivity after impact.
- Available in white and in two patterns of alternating white and red.
- Available in 1" or 2" widths.
- 600 CP V92 style (–1 part numbers) has a five year warranty and white lines in pattern for maximum DAYTIME visibility.
- 1,000 CP V82 style (–2 & –5 part numbers) has ten year warranty.
- Each roll contains 150 feet of tape, except 463-1 (which has 30').

465-1
465-2

467-1

465-5

MADE IN USA

Four Ways Better Than Conventional Reflectors
UP TO 400% GREATER REFLECTIVITY
Wider viewing angle
Tougher durability
Better long range visibility

Order No.	CP	Wdth	Lgth	Style	Pattern	Pack	Std Carton
463-1	600	2"	30'	V92	7" white x 11" red	box	1
464-1	600	2"	150'	V92	6" white x 6" red	box	1
464-2	1000	2"	150'	V82	6" white x 6" red	box	1
465-1	600	2"	150'	V92	7" white x 11" red	box	1
465-2	600	2"	150'	V82	7" white x 11" red	box	1
465-5	1000	1"	150'	V82	7" white x 11" red	box	1
467-1	600	2"	150'	V92	all white	box	1

465/467/468
Reflective Marking Tape Strips

- High-brightness reflective material rated at 600 candle power.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- Kits contain four or eight strips.
- 467-4K contains 300mm (11.8") long strips; all others are 18" long.
- Packaged in a self-service, full-color poly pack with header.

Order No.	Description	Pack	Std Carton
465K	2" red/white 8-strip kit	Viz Pack	12
465-4K	2" red/white 4-strip kit	Viz Pack	12
467-4K	2" x 300mm white 4-strip kit	Viz Pack	12
468K	1 7/16" red 8-strip kit	Viz Pack	12

469
Yellow Reflective Tape

- School bus style yellow reflective tape.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- Available in 1 7/16" or 2" widths.
- Each roll contains 150 foot of tape.

Order No.	Description	Pack	Std Carton
469	yellow, 1 7/16" wide	box	1
469-1	yellow, 2" wide	box	1

486
Reflective Marking Tape

- Tank style white reflector tape.
- Industrial-strength adhesive to mount on flat or curved surfaces.
- 2" wide curved strip.
- Approximately 23.5" wide.

Order No.	Description	Pack	Std Carton
B486W	white	box	100

2.00"
51 mm
56° arc
48" (1220 mm) radius
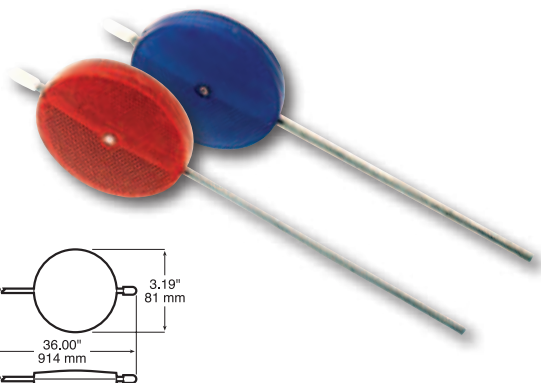
461
Driveway Markers

- 3" diameter, double-sided, acrylic reflector.
- 3/16" galvanized steel post.
- Available with 36" or 48" post lengths.
- Available in red or blue.

Order No.	Description	Pack	Std Carton
461B	36" blue	box	6
461R	36" red	box	6
461B-48	48" blue	box	12
461R-48	48" red	box	12

3.19" 81 mm
36.00" 914 mm
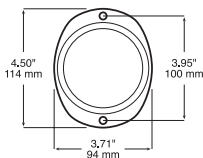
460
Steel Oval Reflector

- 3 1/4" diameter acrylic lens.
- Bright-plated, heavy-gauge steel housing.
- Two-piece construction features double strength lens guard.
- Available in amber or red.

4.50" 114 mm 3.95" 100 mm 3.71" 94 mm

Order No.	Description	Pack	Std Carton
B460A	amber	mfg. pack	100
B460R	red	mfg. pack	100
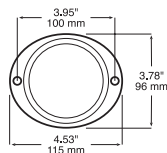
472
Aluminum Oval Reflector

- 3" diameter acrylic lens.
- Low-profile, oval housing constructed of rustproof aluminum.
- V472 series contains one reflector per Viz Pack.
- Meets FMVSS 108 standards.
- Available in amber or red.

3.95" 100 mm 3.78" 96 mm 4.53" 115 mm

Order No.	Description	Pack	Std Carton
V472A	amber	Viz Pack	12
V472R	red	Viz Pack	12
B472A	amber	mfg. pack	100
B472R	red	mfg. pack	100
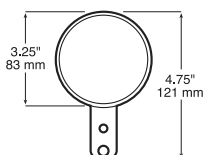
473
3" Bracket Mount Reflector

- 3" diameter acrylic lens.
- Aluminum body is riveted to plated-steel mounting bracket.
- Meets FMVSS 108 standards.
- Available in amber or red.

3.25" 83 mm 4.75" 121 mm

Order No.	Description	Pack	Std Carton
B473A	amber	mfg. pack	100
B473R	red	mfg. pack	100

474
2" Accessory Reflector

- 2" diameter.
- Stick-on reflector with adhesive back.
- Attractive chrome bezel.
- Ideal for dressing up cars, boats, bicycles and motorcycles.
- For accessory use only; does not meet FMVSS 108 requirements.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B474A	amber	mfg. pack	100
B474R	red	mfg. pack	100
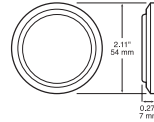
475
Round Quick-Mount Reflector

VIZ PACK

- 3 3/16" diameter acrylic lens.
- Adhesive backing permanently mounts to any clean, flat surface.
- V475 series contains one reflector per Viz Pack.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
V475A	amber	Viz Pack	12
V475R	red	Viz Pack	12
B475A	amber	mfg. pack	100
B475R	red	mfg. pack	100
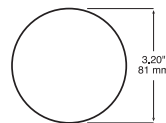
476
Round Center-Mount Reflector

- 3 3/16" diameter.
- Hermetically sealed.
- Center screw mounting.
- 3/16" diameter mounting hole.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B476A	amber	mfg. pack	100
B476R	red	mfg. pack	100
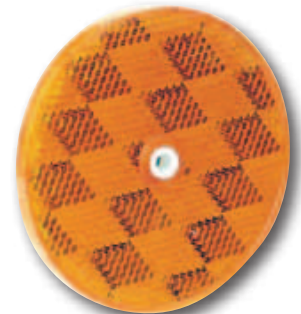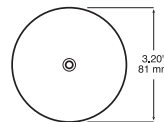
477
Round Center-Mount Reflector

- 2 3/8" diameter.
- Hermetically sealed.
- Center screw mounting.
- 1/4" diameter mounting hole.
- Perfect for any surface area where space is limited.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B477A	amber	mfg. pack	100
B477R	red	mfg. pack	100
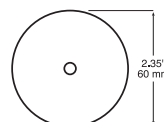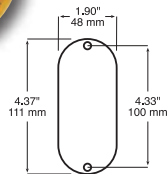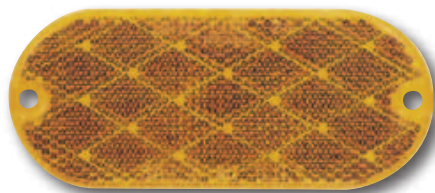
479
Oblong Reflector

- 4 3/8" x 1 7/8" reflector.
- Hermetically sealed acrylic lens.
- Mounts on 3 15/16" centers.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B479A	amber	mfg. pack	100
B479R	red	mfg. pack	100

480
Oblong Quick-Mount Reflector

- 4 3/8" x 1 7/8" acrylic lens.
- Adhesive backing permanently mounts to any clean, flat surface.
- V480 series contains two reflectors per Viz Pack.
- May also be mounted on 3 15/16" centers.
- Meets FMVSS 108 standards.
- Available in amber or red.
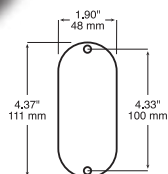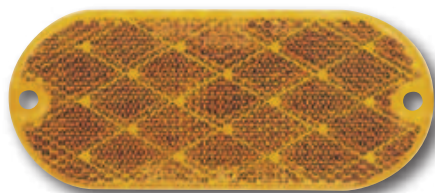
Order No.	Description	Pack	Std Carton
V480A	amber	Viz Pack	6
V480R	red	Viz Pack	6
B480A	amber	mfg. pack	100
B480R	red	mfg. pack	100
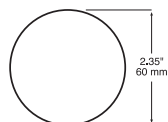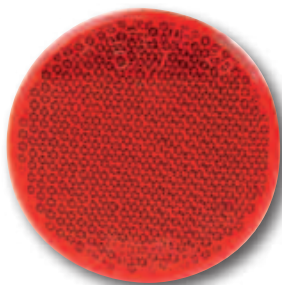
481
Round Quick-Mount Reflector

- 2 3/8" acrylic reflector.
- Permanent adhesive backing.
- Ideal for applications where space is minimal.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B481A	amber	mfg. pack	100
B481R	red	mfg. pack	100

483
Rectangular Quick-Mount Reflector

- 3 1/8" x 1 3/8" stick-on reflector.
- Adhesive back for quick and permanent mounting.
- V483 series contains two reflectors per Viz Pack.
- Meets FMVSS 108 standards.
- Available in amber or red.
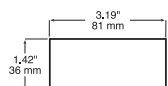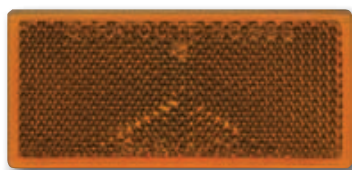
Order No.	Description	Pack	Std Carton
V483A	amber	Viz Pack	12
V483R	red	Viz Pack	12
B483A	amber	mfg. pack	100
B483R	red	mfg. pack	100

484 / 485
Rectangular Quick-Mount Reflectors

- 3 7/16" x 1 11/16" stick-on reflector.
- Encased in attractive chrome or black bezel.
- Adhesive back allows quick and permanent mounting.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
B484A	amber, chrome	mfg. pack	100
B484R	red, chrome	mfg. pack	100
B485A	amber, black	mfg. pack	100
B485R	red, black	mfg. pack	100

3.19"
81 mm

1.65"
42 mm
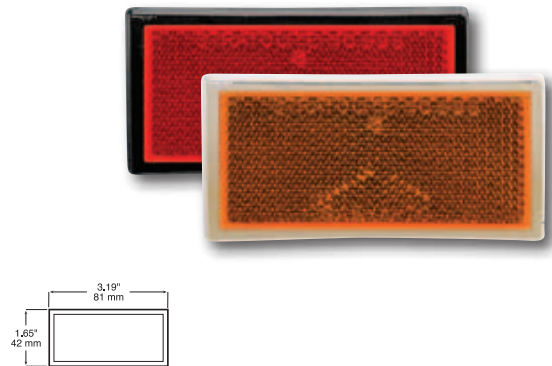
487
Compact Rectangular Reflector

VIZ
PACK

- 4 3/8" x 1 1/8" acrylic reflector.
- Features both adhesive backing and mounting holes.
- Perfect for many narrow mounting locations.
- V487 series contains two reflectors per Viz Pack.
- Meets FMVSS 108 standards.
- Available in amber or red.

Order No.	Description	Pack	Std Carton
V487A	amber	Viz Pack	12
V487R	red	Viz Pack	12
B487A	amber	mfg. pack	100
B487R	red	mfg. pack	100

4.38"
111 mm

1.13"
29 mm
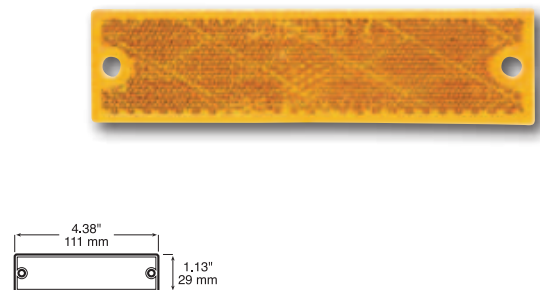
1283
ECE-Compliant Reflector

ECE
&
DOT

- Meets applicable ECE & DOT regulatory requirements for retro-reflecting devices.
- Available in white, amber and red for use in all required positions.
- High impact acrylic lens.
- High-strength adhesive backing for durable, easy mounting.

Order No.	Description	Pack	Std Carton
1283A	amber	mfg. pack	200
1283R	red	mfg. pack	200
1283W	white	mfg. pack	200

3.00"
76 mm

1.75"
44 mm
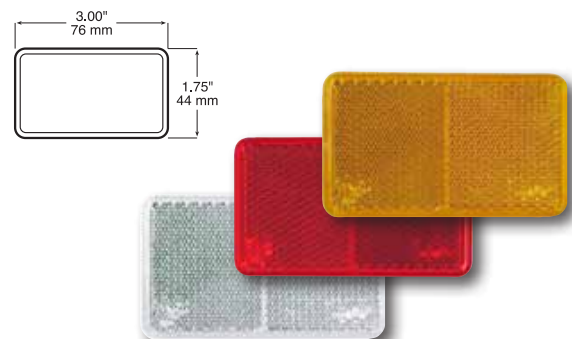
1274
ECE-Compliant Triangular Rear Reflector

ECE
EXPORT
ONLY

- Meets applicable ECE requirements for trailer use.
- High-strength foam adhesive backing, or equipped with holes for screw mounting.

5.31"
135 mm

2.74"
70 mm

0.34"
9 mm

6.08"
154 mm

Order No.	Description	Pack	Std Carton
1274R	triangular reflector	poly pack	25
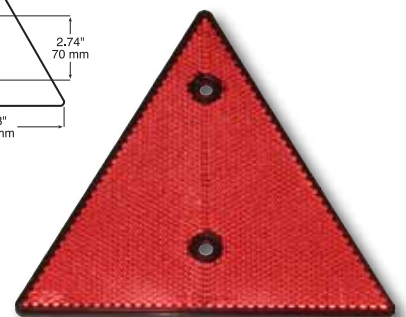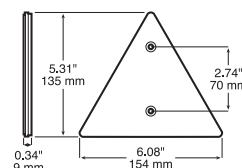
ECE-approved products are made available for use in export markets that require Economic Commission for Europe (ECE) compliant equipment.
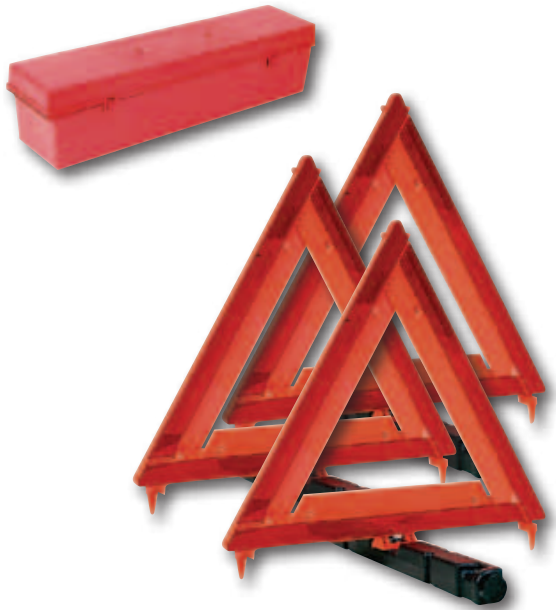
449
Warning Triangle Kit

- Kit contains three folding warning triangles and 20" x 5" x 5" corrosion-free plastic storage box.
- One-piece triangles feature "living hinges" with foldout tabs that lock together.
- Heavy base and non-skid tabs withstand 40 MPH winds.
- Bright fluorescent orange color and high-efficiency reflectors for maximum visibility day or night.
- Meets FMVSS 125.

Order No.	Description	Pack	Std Carton
449	complete kit	box	1
449-1	kit, drop ship	box	72

459
SMV Emblems

- Standard type warning emblems for slow moving vehicles.
- Bright reflective edge strips and fluorescent orange center.
- Meets ASAE standard S276.5.
- 459 features corrosion-proof backing plate and hardware for either spade or bracket mounting.
- 459-1 features industrial-strength mounting adhesive for flush, no-drill mounting and mounting on slightly curved surfaces.

14"

16 1/4"
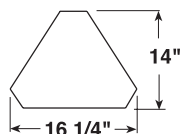
Order No.	Description	Pack	Std Carton
459	emblem w/ back plate	box	1
459-1	adhesive emblem	box	12

600
2" Round Blind-Spot Mirror

- 2" diameter convex glass mirror.
- V600B-2 features blue tint to mirror face.
- Aluminum housing.
- Adhesive backing mounts to any smooth, flat surface.
- V600 packaged one per display card.
- V600B-2 packaged two per display card.

CLEAR OR BLUE TINT

Order No.	Description	Pack	Std Carton
V600	aluminum	Viz Pack	12
V600B-2	blue tint	Viz Pack	12

2"
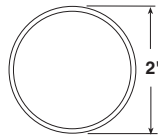
602
Rectangular Blind-Spot Mirror

- 4" x 5 1/2" convex glass mirror.
- Aluminum housing.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

Order No.	Description	Pack	Std Carton
V602	aluminum	Viz Pack	12

4"

5 1/2"
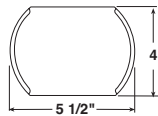
603
Round Blind-Spot Mirrors

- 3" or 3.5" diameter convex glass mirror.
- Aluminum housing.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

Order No.	Description	Pack	Std Carton
V603	aluminum 3" dia.	Viz Pack	12
V603L	aluminum 3.5" dia.	Viz Pack	12

3"

VIZ PACK
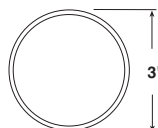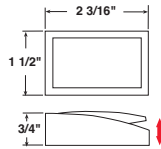
599
Adjustable Wedge Blind-Spot Mirror

- 2 3/16" x 1 1/2" convex glass mirror.
- Adjusts to maximize field of view.
- Molded ABS housing.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

ADJUSTABLE!

2 3/16"
1 1/2"
3/4"

Order No.	Description	Pack	Std Carton
V599	black	Viz Pack	12

VIZ PACK

604
Stick-On Wedge Blind Spot Mirror

- 2" x 2" angled convex mirror.
- Molded ABS housing.
- Universal for left or right side mirrors.
- Adhesive backing mounts to any smooth, flat surface.
- Packaged one per display card.

2.13"
54 mm

2.13"
54 mm

0.63"
16 mm
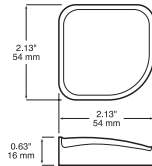
Order No.	Description	Pack	Std Carton
V604	black	Viz Pack	12
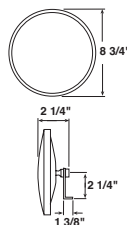
608
8" Convex Mirror

- 8" diameter convex glass mirror.
- Adjustable ball stud with 5/16" internal thread.
- Includes bright plated right angle bracket.
- Bright stainless or durable black enamel finish.
- Packaged in see-through display box.

8 3/4"

2 1/4"
2 1/4"
1 3/8"

Order No.	Description	Pack	Std Carton
608	black	display box	6
608X	bright stainless	display box	6

608
Offset Mount 8" Convex Mirror

- 8" diameter convex glass mirror.
- Offset stud allows positioning below West Coast-style mirrors.
- Includes bright plated right angle bracket.
- Bright stainless steel finish.
- Packaged in see-through display box.
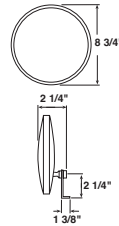
Order No.	Description	Pack	Std Carton
608XO	bright stainless	display box	6

654/655
Steel Clamp-On Convex Mirrors

- Convex glass mirror available in 5" and 6" diameters.
- Durable black enamel or stainless steel finish.
- Includes clamp-on, right-angle mounting arm and angle bracket.
- Mounts below West Coast mirror, or clamps to any tubular bracket.
- Packaged in see-through display box.
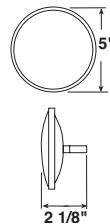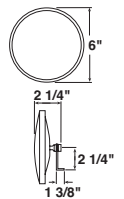
Order No.	Description	Pack	Std Carton
654	5" dia. black	display box	12
654X	5" dia. stainless	display box	12
655	6" dia. black	display box	12
655X	6" dia. stainless	display box	12

654 Series

655 Series

658
8" Fisheye Convex Mirror

- Highly convex mirror provides wide-angle fisheye view.
- Extra-large 8" diameter.
- Durable stainless steel finish.
- Includes angle bracket.
- Packaged in see-through display box.
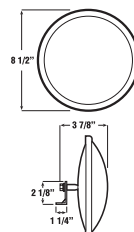
Order No.	Description	Pack	Std Carton
658X	bright stainless	display box	6
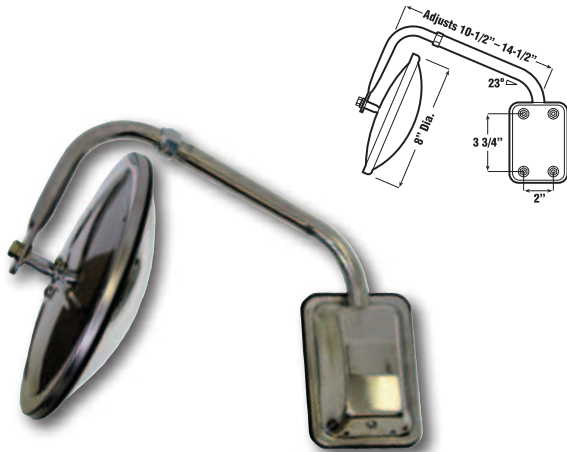
668
Pod-Mount Truck Mirror

- 8" convex glass mirror.
- Single arm adjustment is quick, easy and secure.
- Durable stainless steel finish.
- Pod base mounts easily to any flat surface.
- Packaged in see-through display box.
- Accepts 658X as replacement mirror head.

Order No.	Description	Pack	Std Carton
668X	bright stainless	display box	6

672X
Convex Mirror

- Extra large 10.5" convex mirror.
- Convex, wide angle view.
- Stainless steel finish and hardware.
- Includes mounting arm and installation hardware.

Order No.	Description	Pack	Std Carton
672X	stainless w/ mounting arm	display box	6

809
Clamp-On Convex Mirror

- 4 3/4" convex glass mirror.
- Corrosion-resistant construction features durable ABS housing.
- Includes bright plated, clamp-on bracket.
- Clamps to any tubular bracket.
- Attractive black finish.
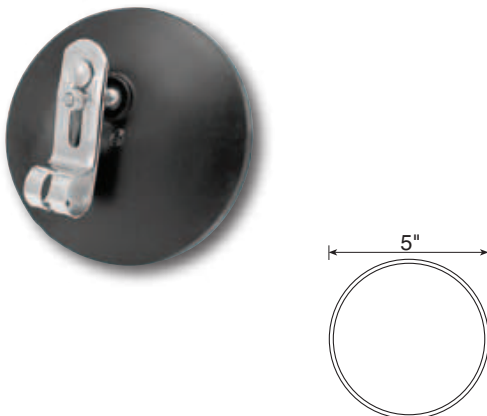
Order No.	Description	Pack	Std Carton
V809	black	Viz Pack	6

650
Quick-Fit Towing Mirror

- Provides increased viewing area.
- Does not obstruct stock mirror.
- Fits driver or passenger side mirror.
- Double-pivoting adjustable arms attach to nearly all mirrors.
- No-mar flexible rubber straps protect vehicle finish and ensure snug, vibration-free fit.
- Attaches and removes in seconds without tools.

Order No.	Description	Pack	Std Carton
650	black	display box	6
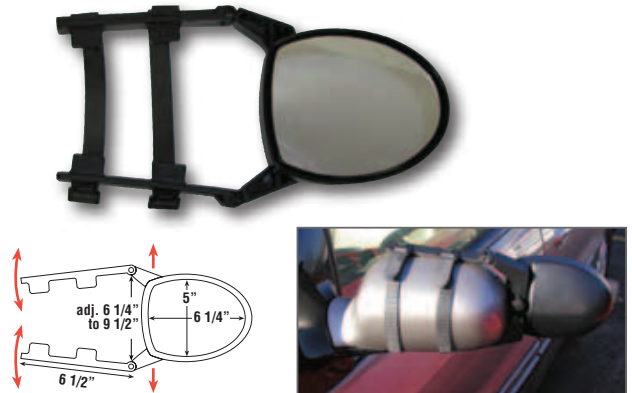
598/805
Universal Day/Night Rearview Mirrors

- OEM-styled, universal interior rearview mirror for cars and trucks.
- Available in 8" or 10" widths.
- Non-glare/nighttime adjustment switch.
- Black ABS housing.
- Adhesive not included.
- Packaged in full-view clamshell.

Order No.	Description	Pack	Std Carton
598	10"	Viz Pack	6
805	8"	Viz Pack	6
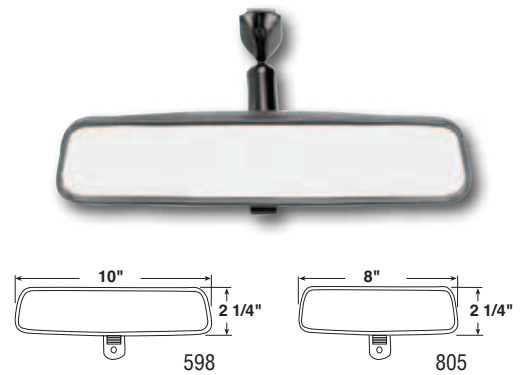
605
5" Round Mirror

- 5" diameter flat glass mirror.
- Adjustable ball stud with 5/16" internal thread.
- Includes bright plated right angle bracket.
- Durable black enamel finish.
- Packaged in see-through display box.

Order No.	Description	Pack	Std Carton
605	black	display box	12
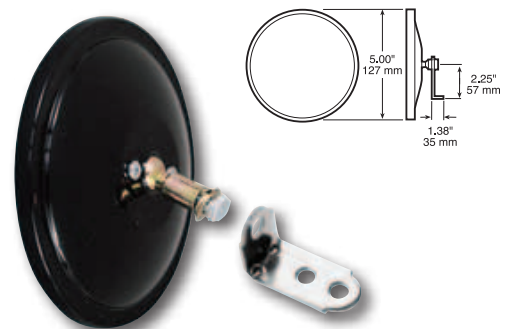
807
Wide-Angle Safety Mirror

- 5-panel mirror design provides broader, safer viewing area.
- Fits most full-size cars, trucks, and vans.
- Special glass eliminates night glare.
- Includes all mounting hardware.

Order No.	Description	Pack	Std Carton
807	5 panel	display box	6
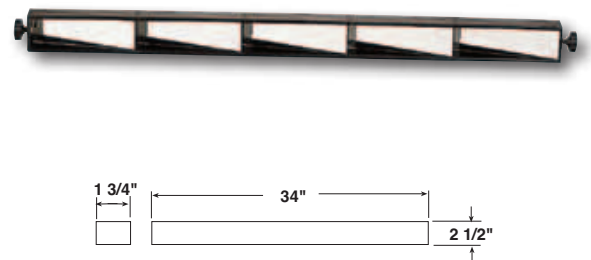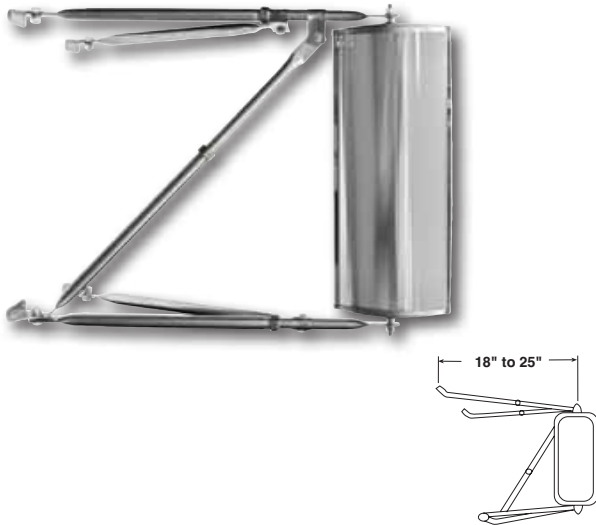
667
Pillow-Back Mirror Assembly

- Fully adjustable West Coast mirror assembly.
- Pillow-back, steel mirror head.
- Domed end caps assure rigidity and protect glass.
- Sturdy 3/4" arms and brace reduce flutter and vibration.
- 18" to 25" horizontal adjustment.
- Bright stainless steel finish.
- Uses replacement mirror head 617X.

18" to 25"

Order No.	Description	Pack	Std Carton
667X	stainless steel	display box	6
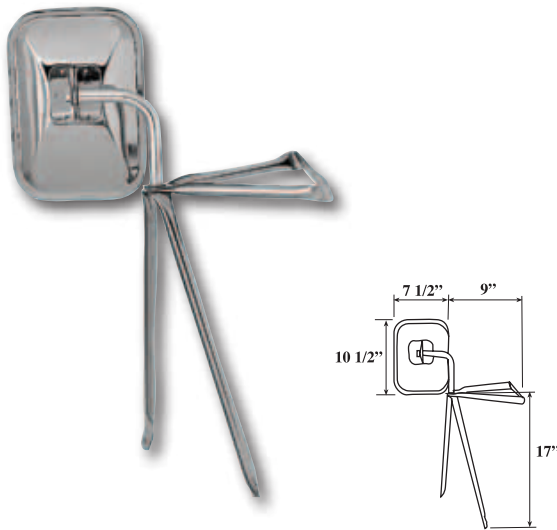
810
Universal Swing-Away Mirror

- Bracket assembly fits most passenger car and light trucks.
- Stainless steel mirror head and arms.
- Rubber tips on attachment points of arms protect vehicle finish.
- Packaged in attractive display box.

7 1/2" **9"**
10 1/2"
17"

Order No.	Description	Pack	Std Carton
810	stainless	display box	6
832	replacement head	Viz Pack	6
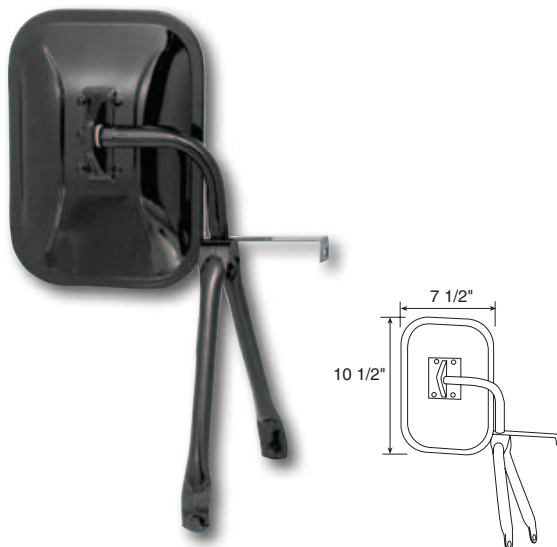
820/821
Universal Swing-Away Mirror

- Universal tripod mount fits Chevrolet, GMC, Ford, and others.
- Reversible for left and right hand application.
- Large mirror head features swing away design.
- 820 has black ABS head and epoxy coated steel arms.
- 821 features all stainless-steel construction.
- Packaged in attractive display, blister box.

7 1/2"
10 1/2"

Order No.	Description	Pack	Std Carton
820	black	display box	6
821	bright stainless	display box	6
831	black replacement head	Viz Pack	6
832	stainless replacement head	Viz Pack	6

609
Universal Replacement Mirror Head

- Replacement mirror head fits nearly all stud-mount bracket.
- Features white enamel finish and vinyl cushioned glass.
- Rugged, double-washer tensioning for secure positioning.
- Features 1/4" x 1 1/2" offset ball stud.

4 1/2"

8 1/2"

Order No.	Description	Pack	Std Carton
609	white	display box	24
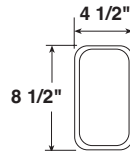
830
Replacement Head for Fender-Mount Mirrors

VIZ PACK

- Stainless steel mirror head.
- Replacement for many universal-fit fender-mount towing mirror assemblies.

5.00"
127 mm

7.00"
178 mm

Order No.	Description	Pack	Std Carton
830	stainless replacement head	Viz Pack	6
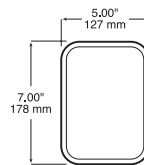
833
Ford Truck / Van Replacement Mirror Head

VIZ PACK

- Direct replacement head for Ford mirrors.
- Universal design fits most full-size pick-ups and vans.
- Reversible for both left- and right-hand applications.
- Stainless steel mirror head.
- Packaged in attractive display, blister box.

8 3/4"

6"

Order No.	Description	Pack	Std Carton
833	replacement head	Viz Pack	6
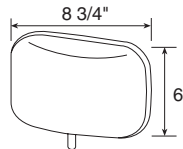
835/836
Low-Mount Replacement Mirror Head

VIZ PACK

- Replacement head for low-mount mirrors on full-size trucks and vans.
- Reversible for both left- and right-hand applications.
- Mirror head features durable, corrosion-free ABS construction.
- Available with black or chrome finish.
- Packaged in full-view clamshell.

8 3/4"

6"

Order No.	Description	Pack	Std Carton
836	chrome replacement head	Viz Pack	6
B835	black replacement head	mfg. pack	16
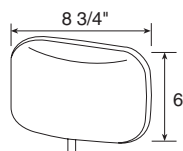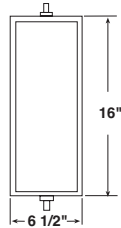
615
6 1/2" x 16" Economy Replacement Mirror

- Replacement mirror head fits West Coast-style brackets.
- Durable anodized aluminum back with black aluminum end caps.
- 1/4" mounting studs.
- Packaged in see-through display box.

Order No.	Description	Pack	Std Carton
615	aluminum	display box	6
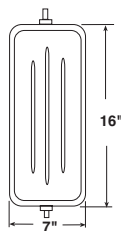
616
7" x 16" Flat Ribbed-Back Replacement Mirror

- Universal OEM-style, West Coast replacement mirror head.
- One-piece design with cushioned glass.
- 5/16" mounting studs.
- Available in black or white enamel finish.
- Packaged in see-through display box.

Order No.	Description	Pack	Std Carton
616	black	display box	6
616W	white	display box	6
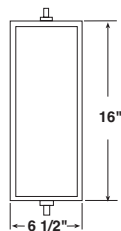
617
6 1/2" x 16" Pillow-Back Replacement Mirror

- Universal OEM-style, West Coast replacement mirror head.
- 5/16" center rod.
- Bright, stainless-steel finish.
- 617XH includes SS finish and 2-wire system with resistance type heater that generates uniform heat over entire mirror surface.
- Packaged in see-through display box.

Order No.	Description	Pack	Std Carton
617X	stainless steel	display box	6
617XH	stainless steel, heated	display box	6

95010 / 95011
Universal Rubber-Mast Antennas

- 13" single-section, flexible, rubberized antennas fit most vehicles.
- Available in either top or combination top/side mount.
- Includes swivel base and 54" cable.
- Some applications may require extension cable.

Order No.	Description	Pack	Std Carton
95010-1	top mount, black	Viz Pack	6
95011-1	top/side mount, black	Viz Pack	6
95080-1	black replacement mast	Viz Pack	12
95091-1	36" extension cable	Viz Pack	12

95020
Universal Stainless Steel Antenna

- Universal top-mount design.
- Three-section, 38" mast.
- Stainless steel mast.
- Base mounts on 0-30° angle.
- Includes 47" cable.
- Some applications may require extension cable.

Order No.	Description	Pack	Std Carton
95020-1	stainless steel	Viz Pack	6
95091-1	36" extension cable	Viz Pack	12
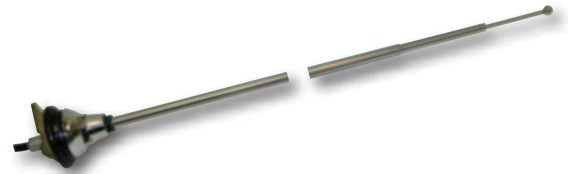
95021 / 95083 / 95087
Universal Stainless Steel Antenna

- Universal top-mount design.
- Single-section, 31" mast.
- Stainless steel mast.
- Includes 47" cable.
- Some applications may require extension cable.

Order No.	Description	Pack	Std Carton
95021-1	stainless steel	Viz Pack	6
95083-1	black replacement mast	Viz Pack	12
95087-1	stainless replacement mast	Viz Pack	12
95091-1	36' extension cable	Viz Pack	12
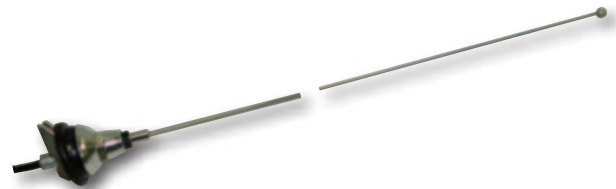
95023
Universal Stainless Steel Antenna

- Universal top- or side-mount design.
- Spring-mounted, three-piece 50" stainless steel mast.
- Swivel base.
- Include 47" cable.
- Some applications may require extension cable.

Order No.	Description	Pack	Std Carton
95023-1	stainless steel	Viz Pack	6
95091-1	36" extension cable	Viz Pack	12

VIZ PACK

95041
Universal CB Antenna

- Magnetic-mount base holds securely to vehicle.
- Allows effortless installation and quick removal.
- Pre-tuned for all CB channels.
- 13" flexible, one-piece rubber mast.
- Includes 15' cable.

Order No.	Description	Pack	Std Carton
95041-1	black rubber	Viz Pack	6

VIZ PACK

95051
Fully Automatic AM/FM Antenna

- 30" five-section, stainless steel mast.
- Automatically extends when AM/FM radio is turned on.
- Three mounting heads for universal application.
- Waterproof motor.
- Includes 47" cable.
- 12.5" inches of vertical space is required for installation.

Order No.	Description	Pack	Std Carton
95051-1	stainless steel	Viz Pack	6

VIZ PACK

95091 / 95093
Antenna Extension Cables

- Universal extension cables include plug and jack.

Order No.	Description	Pack	Std Carton
95091-1	36" extension cable	Viz Pack	12
95093-1	144" extension cable	Viz Pack	12

61/62
Bearing Protectors

- Protects against premature bearing failure.
- Automatically feeds grease to the wheel bearing.
- Corrosion-proof, clear polycarbonate housing allows easy monitoring of grease level.
- Stainless steel pressure spring and heavy duty pressure plate.
- Overload outlet prevents component damage when refilling.
- Fits a variety of popular hub diameters.

MADE IN USA

61   62

Order No.	Description	Pack	Std Carton
B61	1.781" dia.	mfg. pack	200
B62	1.980" dia.	mfg. pack	200

549 Nightwatcher® LX
100 Watt Halogen Bulb

- 100 watt, 12 volt replacement bulb.
- Fits all halogen auxiliary lights using H3 bulb.
- Fits blade and bullet terminals.
- Off road use only.
- Self-service Viz Pack packaging.

VIZ PACK

Order No.	Description	Pack	Std Carton
VH549	replacement bulb	Viz Pack	12

550 Nightwatcher® LX
55 Watt Halogen Bulb

- 55 watt, 12 volt replacement bulb.
- Fits all halogen auxiliary lights using H3 bulb.
- Fits blade and bullet terminals.
- 70 watt, 24 volt version also available.
- Self-service Viz Pack packaging.

VIZ PACK

Order No.	Description	Pack	Std Carton
VH550	replacement bulb	Viz Pack	12
H3-70W-24V	24 volt version	mfg. pack	1
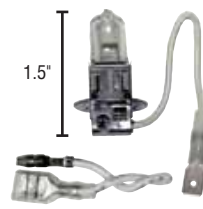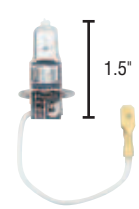
NOTE! Bulbs noted as "for reference only" are not stocked by Peterson, and should be procured locally.

67 — reference only	93 — reference only	97 — reference only	168/464 – reference only	193/194 – reference only	795/796 – reference only
1.44"	2.0"	1.44"	1.06"	1.06"	2.125"
13.5 V, 0.59 amp, 4 cp	14 V, 1.04 amp, 15 cp	13.5 V, 0.69 amp, 4 cp	168: 14 V, 0.35 amp, 3 cp 464: 28 V, 0.17 amp, 3 cp	193: 14 V, 0.30 amp, 2 cp 194: 14 V, 0.25 amp, 1.5 cp	795: 12.8 V, 35 watt, 60 cp 796: 12.8 V, 50 watt, 108 cp

1003 — reference only	1141 — reference only	1156 — reference only	1157 — reference only	1895 — reference only	2057 — reference only
1.75"	2.0"	2.0"	2.0"	1.07"	2.0"
12.8 V, 1.17 amp, 15 cp	12.8 V, 28 watt, 21 cp	12.8 V, 2.1 amp, 32 cp	Twin filmnt, 12.8/14 V, 2.2/0.59 amp, 32/3 cp	14 V, 0.27 amp, 2 cp	Twin filmnt, 12.8/14 V, 2.1/0.48 amp, 32/2 cp

2357 — reference only	3157 — reference only	4416 — reference only	1195	H1/55W
2.0"	2.10"	4.50"	2.25"	2.66"
Twin filaments, 12.8/14 V, 2.2/0.59 amp, 40/3 cp	Twin filaments, 12.8/14 V, 0.59/0.16 amp, 32/3 cp	12.8 V, 2.34 amp, 35000 cp PAR 36, 11° horiz/4° vert beam	14 V, 3.0 amp, 50 cp	3.0 amp, 14 V, 50 cp

766ST	L2-77/L2X-77	L3-77	L7-77
1.75"	2.75"	3.0"	3.875"
Fits 766 strobe beacon	L2-77: Fits 765, 769 & 769-1 L2X-77: Fits 769-2	Fits 789 strobe beacon	Fits 790 & 793 strobe beacons

585-77	STU15AM-77	VH549	VH550	H3-70W-24V
1.25"	1.44"	1.5"	1.5"	1.5"
Fits 788 strobe light	Fits 787 strobe light	12 V, 100 watts, 5 amp	12 V, 4.58 amps, 55 watt *Not for use on 408, 502 & 503 Series*	VH550 repl. for 24V systems

PM #	Bulb Type
100	193 or 194
102	193 or 194
104	193 or 194
104-3	193 or 194
106	193 or 194
107	193 or 194
107-24	464
107-3	193 or 194
108	193 or 194
109	97
110	193 or 194
114	193 or 194
115	193 or 194
117	67F
118	97
119	168
120	193 or 194
120-24	464
122	193 or 194
122-24	464
123	97
124	193 or 194
125	193 or 194
126	193 or 194
128	193 or 194
130	193 or 194
130-24	464
131	193 or 194
132	193 or 194
135	193 or 194
136	193 or 194
136-3	193 or 194
137	193 or 194
138	193 or 194
138-24	464
139	193 or 194
159	193 or 194
305	1156
306	2057
313R	1156
313AA	2057
313-2	2057
320	2357
321	2357
324	2357
325	2357
326	2357
334-2	2057
335	2057

PM #	Bulb Type
335-2	2057
337	2057
337-2	2057
339-2	1157
343	3157
344	3157
375	1003
376	1003
377	1003
378	1003
380	1141
382	1141
383	1141
384	93
385	93
389	1141
390	1141
391	1141
392	1156
392-24	1683
393A	1156
393C	1141
394	1141 (21 cp)
	1156 (32 cp)
	1195 (50 cp)
395	1156
396	912
400	168
408	VH550
410-2	1157
411	1156
411-24	1683
413	1157
413-24	1683
413-3	1157
419	1157 (stop/tail)
	1156 (turn)
419-24	P21/5W
425	1157
425-3	1157
428	1157
430	1157
433	193 or 194
434	193 or 194
435	193 or 194
436	168
437	67
438	193
440	1157 (stop/tail)

PM #	Bulb Type
	1895 (side)
441	1157 (stop/tail)
	1895 (side)
442	1157 (stop/tail)
	1156 (back-up)
444	1157 (stop/tail)
	193/194 (side)
445	1157 (stop/tail)
	1156 (back-up)
451	1157 (stop/tail)
	193/194 (side)
452	1157 (stop/tail)
	193/194 (side)
454	1157 (stop/tail)
	1156 (back-up)
456	1157 (stop/tail)
	193/194 (side)
457	1157
502	VH550
503	VH550
504	VH550
504M	VH550
505	HP6545 (head)
	2357 (turn)
507	PAR 36
508	PAR 36
509	H9411
511	PAR 36
513	VH550
517	VH550
525	VH550
526	VH550
527	VH550
529	VH550
530	VH549
531	VH549
534	VH550
538	VH550
539	VH549
552	VH550
555	1157
556	VH550
557	VH550
562	VH550
566	VH550
580	VH549
582	VH550
583	VH550
588	VH550

PM #	Bulb Type
590	VH550
593	VH550
597	VH550
746	1195
753	H1/55W
754	4416
755	4416
756	1195
757	795
759	4416
760	L3-77
761	795
763	1195
765	L2-77
769	L2-77
769-1	L2-77
769-2	L2X-77
771	1141
773	1141
774	1141
775	H1/55W
776	H1/55W
777	H1/55W (rot.)
	1156 (stat.)
787	STU15-77
788	STRA-77
789	L3-77
790	L7-77
792	L3-77
793	L7-77
2546	193 or 194
2547	193 or 194
2549	193 or 194
25911	1157
25912	1157 (stop/tail)
	1156 (back-up)
25913	1157
25914	1157 (stop/tail)
	1156 (back-up)
25921	1157
25922	1157 (stop/tail)
	1156 (back-up)
25923	1157
25924	1157 (stop/tail)
	1156 (back-up)

REPLACEMENT LENSES

Fits old style 114/AR, 115 A/R, 440/L & 441/L

amber	55-15A
red	55-15R
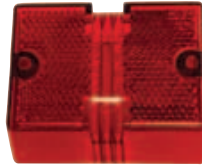
Fits 452 & 452L

red	56-15R

Fits 100A/R, 104A/R, 104-3R, 131A/R & 141A/R

amber	100-15A	B100-15A
red	100-15R	B100-15R

Fits 102A/R

amber	102-15A
red	102-15R

Fits 107WA/WB/WG/WR, 107-6A/6R, 107-3A/3R

amber	107-15A	B107-15A	V107-15A
blue	107-15B		
red	107-15R	B107-15R	V107-15R

Fits 106A/R & 108WA/WR

amber	108-15A	B108-15A	V108-15A
red	108-15R	B108-15R	V108-15R

Fits 108

amber	108-151A	B108-151A
red	108-151R	B108-151R

Fits 109A

amber	109-25A

Fits 110A/B/C/G/R, 111R

amber	110-15A	V110-15A
blue	110-15B	
clear	110-15C	
green	110-15G	
red	110-15R	V110-15R

Fits 112A, new style 114A/R, 115A/R, 440 & 440L, 441 & 441L

amber	114-15A
red	114-15R

Fits 117A

amber	117-25

Fits 118A/KA

amber	118-15A

Fits 119A/B/G/R

amber	119-15A
blue	B119-15B
green	B119-15G
red	119-15R

Fits 122A/R, 122XA/XR, 123A/R, 124A/R

amber	124-15A
red	124-15R

Fits 125A/R

amber	125-15A
red	125-15R

Fits 126A/C/R

amber	126-25A
clear	126-25C
red	126-25R

Fits 130A/R

amber	130-25A
red	130-25R

Fits 135A/R

amber	134-15A	B134-15A	V134-15A
clear		B134-15C	
red	134-15R	B134-15R	V134-15R

Fits 136A/R

amber	136-15A
red	136-15R

Fits 138A/B/C/G/R & 139A/R

amber	138-15A	B138-15A	V138-15A
blue		B138-15B	
clear		B138-15C	
green		B138-15G	
red	138-15R	B138-15R	V138-15R

Fits 305A/R

amber	305-25A
red	305-25R

Fits 306A/R & 393C

amber	306-25A
clear	306-25C
red	306-25R

Fits 308A/R

amber	308-15A
red	308-15R
black	308-15BLK (cover)

Fits competitive lamps

amber	310-15A
red	310-15R

Fits 313 & 314MA	
amber	313-15A
red	313-15R
black	313-15BLK (cover)

Fits 325-2, 326, & 326-2	
amber	325-15A
red	325-15R
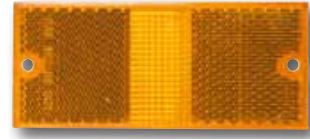
Fits 325-2, 326, & 326-2	
amber side lens	325-151A

Fits 334-2		
amber	334-15A	B334-15A
blue	334-15B	B334-15B
red	334-15R	B334-15R

Fits 313A/R, 313RA & 339-2		
amber	338-15A	B338-15A
blue		B338-15B
red	338-15R	B338-15R

Fits 343A	
amber	343-25A

Fits 360	
clear	360-25C

NEW!

Fits 375, 375S, 376S, 377S & 378S	
clear	375-15C
white	375-15W

Fits 380S	
clear	380-25C

Fits 382 & 383	
amber	383-25A
clear	383-25C

Fits 384, 384S, 384-P & 385S	
amber	384-15A
clear	384-15C

Fits 389S	
opaque	389-15C

Fits 391C

clear	391-25

Fits 392C

clear	392-25C
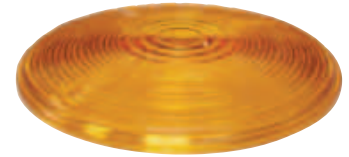
Fits 413 & 425 series

amber	410-15A		
blue	410-15B		
red	410-15R	B410-15R	V410-15R
amber polycarbonate	410-25A		
red polycarbonate	410-25R		

Fits 411C/SC

clear	414-15C

Fits 413-3 & 425-3

red	415-15R

Fits 419

amber	419-25A
red	419-25R

Fits 428 series

red	420-15	V420-15

Fits 5555 series

red	424-15R

Fits 433

clear	433-15C
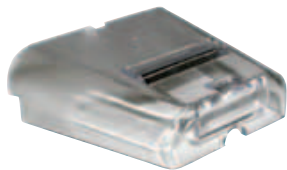
Fits 436

clear	436-25

Fits 440/L, 441/L, 444/L, 452/L

red	440-15	V440-15

Fits 444, 444L

red	444-151R

Fits 445

red/white	445-25

Fits 457/L

red	B457-15
red w/ licence light	B457L-15

Fits 525

clear	B521-20C

Fits competitive lamps

clear	700-15C

Fits 754A & 755A

amber	755-15A

Fits 748

amber	748-25A
clear	748-25C

Fits 756 & 763

amber	756-15A
blue	756-15B
red	756-15R

Fits 760 & 761

amber	760-25A
clear	760-25C

Fits 766

amber	766-25A

Fits 765A/R, 769A/B/C/R & 769MA

amber	769-25A
blue	769-25B
clear	769-25C
red	769-25R

Fits 769-1HA & 788

amber	769-25HA

Fits 771A/B, 773A & 768A/B

amber	771-15A
blue	771-15B

NEW!

NEW!

Fits 774A/R	
amber	774-15A
red	774-15R

Fits 791	
amber	791-25A

Fits 844	
red	844-252

Fits 844	
red	844-253

Fits 2546	
amber	V2546-15A
red	V2546-15R

Fits 2547	
amber	V2547-15A
red	V2547-15R

Fits 2549	
amber	V2549-15A
red	V2549-15R

Fits 25911	
red	V25911-25

Fits 25912	
red w/ clear	V25912-25

Fits 25913	
red w/ clear	V25913-25

Fits 25914	
red w/clear	V25914-25

Fits 25921	
red	V25921-25

Fits 25922	
red w/clear	V25922-25

Fits 25923	
red w/clear	V25923-25

Fits 25924	
red w/clear	V25924-25

Peterson offers more than product.
You get a proven track record of success.

Peterson's eye-grabbing plan-a-grams are packed with hottest-selling items in safety lighting and accessories. No matter what your store's speciality, they're ready to help you build store traffic—and profits!

But as a Peterson retailer, you get more than just product. No matter which plan-a-gram you choose, you'll benefit from Peterson's reputation for quality and exceptional customer service. It's a a reputation we've worked hard to maintain since 1945.

Peterson offers assortments from 2' to 16'. Each one provides an unbeatable assortment of our most popular, quick-turn items for both the self-service and commercial/fleet markets. Better yet, our plan-a-grams' unitized design gives you total flexibility in tailoring your coverage to your customers' needs.

Your local Peterson representative will assist you in customizing your order by providing photos, schematics, corresponding part numbers and quantities for of each plan-a-gram unit.

Ask your Peterson rep about our wide selection of retail plan-a-gram layouts.

During 2016, Peterson will make a running change to exciting new Viz-Pack retail packaging with contemporary, eye-catching "carbon fiber" graphics.

Thicker, commercial poly bags will match.

Lighted Retail Displays
Bright displays grab customers' attention

INCLUDES POWER SUPPLY!

D10
Commercial LED Lighted Wall-Mount Display

D16
LED Lighted Wall-Mount Display
Power supply not included.

INCLUDES POWER SUPPLY!

D17
PM LED Lighted Wall-Mount Display

D9
LumenX® LED vs Incandescent Battery-Operated Counter Display

NEW!

NEW!

D24
Battery-Operated Counter Display

INCLUDES POWER SUPPLY!

NEW!

D28
Work Light Counter Display

Header/Fixture Signs
Give your Plan-A-Gram more pulling power

D5
PIRANHA® LED Lighting Header
Measures 32" x 8-1/4"

D7
Safety Lighting Header
Measures 48" x 8-1/4"

D13
Double-Sided "Land or Water"
Safety Lighting Header
Measures 48" x 8-1/4"

D11
Magnetic Vertical
Blade Sign (2 per kit)
Measures 24" x 5 1/2"

D27
Light-Up Header Sign
48" W x 8.25" H

Counter Displays & Extras

Round out your merchandising efforts with proven eye-catchers

NEW!

PM-CM-0714-Z
Counter Mat

D20-4
D20-6
D20-12
4", 6" and 12" Bin Boxes

D22-S
D22-M
D22-L
Small (7")
Med (10")
& Large (21")
Merchandising
Baskets

D4
New Item Tag

D12
Counter Display Bin
(Lights not included)
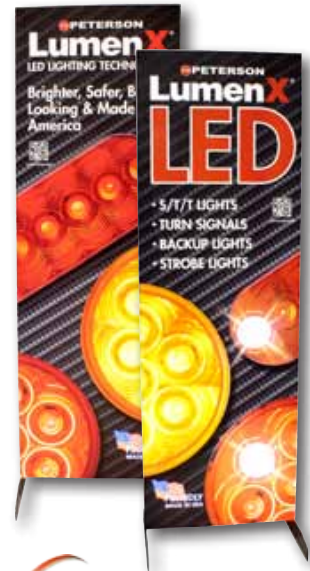
NEW!

D25
Two-Sided Floor Display
23" W x 72" H

OV10-72
Out of Stock/
Reorder Card

D3
Black
Plan-A-Gram Kit
Measures 48" x 60"
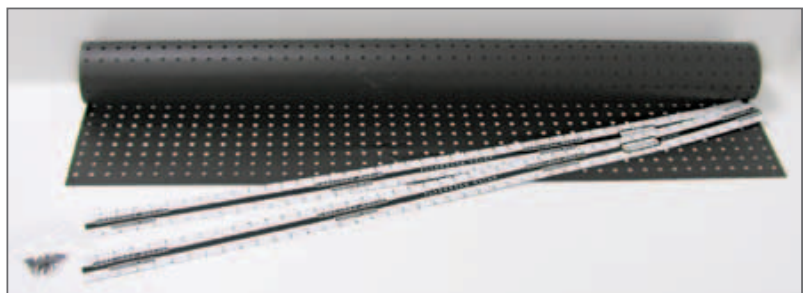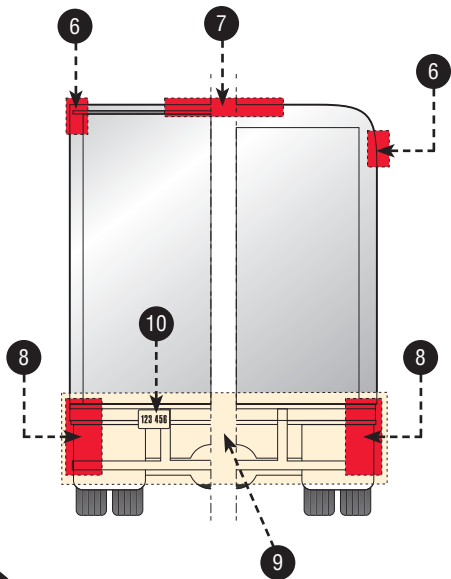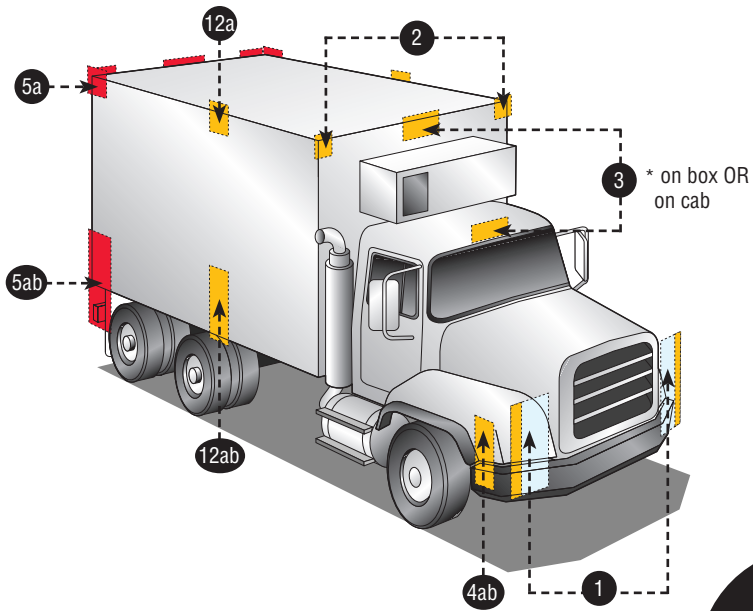
3 * on box OR on cab

See page 258 for details of numbered areas
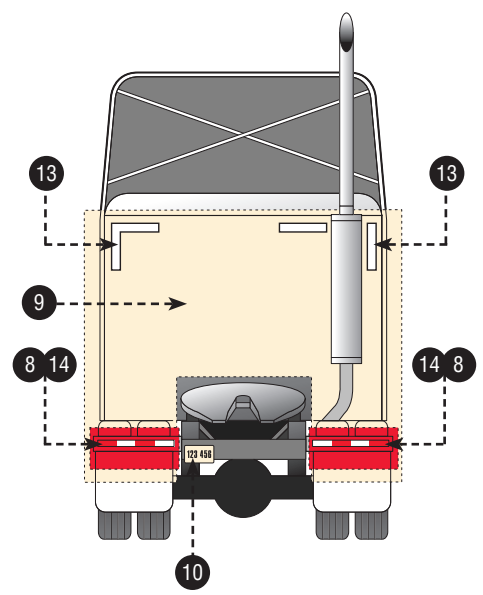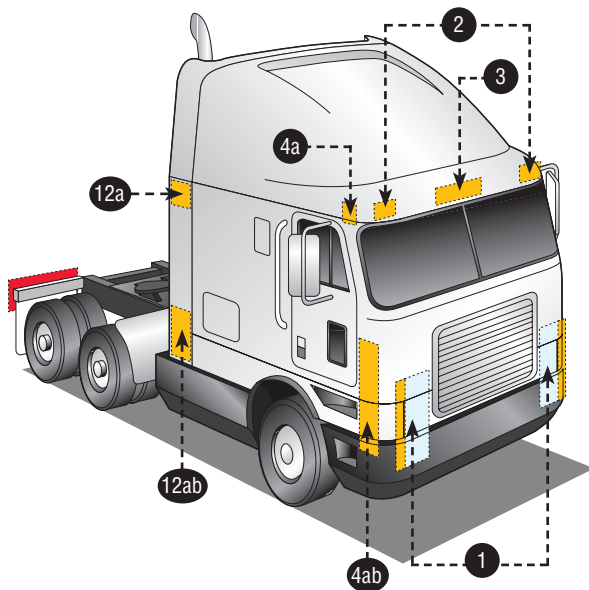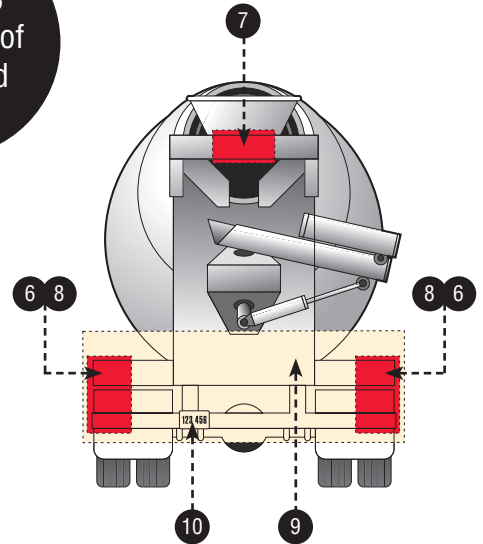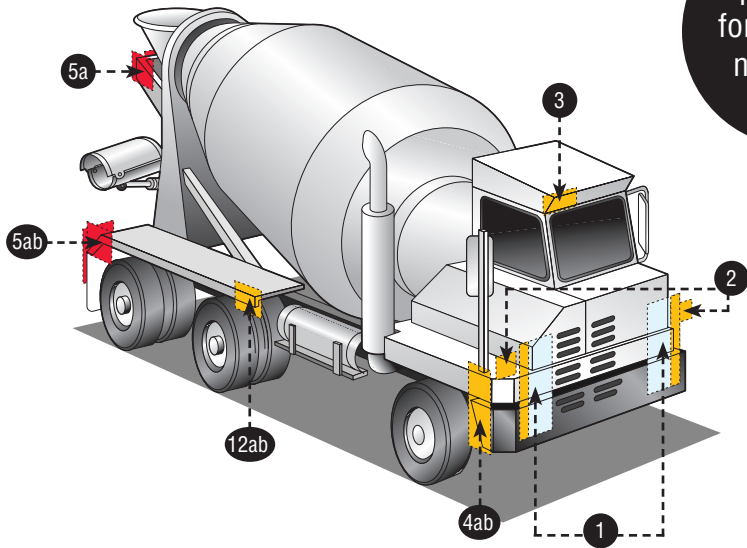
The information provided on pages 192-197 summarizes lighting equipment requirements contained in Federal/Canada Motor Vehicle Safety Standard 108. For complete compliance requirements consult Title 49 - Code of Federal Regulations, Section 571.108 (USA) and Section 108 of the Motor Vehicle Safety Regulations (Canada). State or Provincial regulations, where they may apply, have not been included.

Data and illustrations provided courtesy of NHTSA.

NHTSA
People Saving People

Transport Canada

See page 258 for details of numbered areas

* on box OR on cab

IMPORTANT NOTE: Every lamp, reflex reflector, and conspicuity treatment must be permanently attached in the location specified below and must comply with all applicable requirements prescribed for it by FMVSS/CMVSS 108. The face of any device on the front/rear and sides should be, respectively perpendicular and parallel to the vehicle's centerline, unless it is photometrically certified at installation angle. No part of the vehicle shall prevent any device from meeting its prescribed requirements unless an auxiliary device meeting all prescribed requirements is installed.

IN CANADA: Manufacturers and importers of vehicles must have the proper certification test records demonstrating compliance of lighting components with all prescribed requirements.

BASIC EQUIPMENT REQUIRED ON ALL TRUCKS, BUSES & MPVs

Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
DESCRIPTION				**MANDATORY REQUIREMENTS**			
1	Headlamps - Lower Beam — US requires "DOT" lettering on lens — US & Canada - light source code required on lens	(H, HR)	Forward road illumination	Minimum 2	White	On the front - symmetrical as far apart as practicable — If 4 lamp system - outboard or above upper beams	560-1370 (22-54)
	Headlamps - Upper Beam — US requires "DOT" lettering on lens — US & Canada - light source code required on lens	(H, HR)	Forward road illumination	Minimum 2	White	On the front - symmetrical — If 4 lamp system - inboard or below lower beams	560-1370 (22-54)
	Parking Lamps — Vehicles less than 2032mm wide	(P)	Indicate parked vehicle	Minimum 2	White or Yellow	On the front - symmetrical as far apart as practicable	380-1530 (15-60)
	Daytime Running Lamps (DRL) — Canada - required / US - option — US requires "DRL" lettering on lens if not headlamp	(Y2)	Indicate in use vehicle	Minimum 2	White or Yellow	On the front - symmetrical as far apart as practicable	380 (15) min. Max. depends on type of DRL
	Front Turn Signal/ Hazard Warning Lamps	(I)	Indicate direction of turn/ identify disabled vehicle	Minimum 2	Yellow	On the front- symmetrical as far apart as practicable	380-2110 (15-83)
2	Front Clearance Lamps — Vehicles 2032mm wide or wider — *photometrically certified at installation angle	(P2, PC* or P3, PC2*)	Show vehicle's width	Minimum 2	Yellow	At widest point - symmetrical on the front or near the front facing forward	As high as practicable
3	Front Identification Lamps (ID) — Vehicles 2032mm wide or wider	(P2 or P3)	Indicate presence of a wide vehicle	Exactly 3	Yellow	On the front - center horizontally spaced 150 mm (6 in.) to 300 mm (12 in.) apart	As high as practicable or on top of the cab
4 a	Front Side Marker Lamps — *photometrically certified at installation angle	(P2, PC* P3, PC2*)	Front and rear side marker lamps / side reflex reflector indicate vehicle's presence and length	Minimum 2	Yellow	Each side at front as far forward as practicable	380 (15) minimum
4 b	Front Side Reflex Reflectors	(A)		Minimum 2	Yellow	At front - symmetrical as far forward as practicable facing sideward	380-1530 (15-60)
5 a	Rear Side Marker Lamps ** — *photometrically certified at installation angle	(P2, PC* or P3, PC2*)		Minimum 2	Red	Each side at rear as far back as practicable	380 (15) minimum
5 b	Rear Side Reflex Reflectors ** — **not required on Truck Tractors	(A)		Minimum 2	Red	Each side at rear as far back as practicable facing sideward	380-1530 (15-60)
6	Rear Clearance Lamps — Vehicles 2032mm wide or wider — Not required on Truck Tractors — *photometrically certified at installation angle	(P2, PC* or P3, PC2*)	Show vehicle's width MAY NOT be combined with tail lamps	Minimum 2	Red	At widest point - symmetrical on the rear or near the rear facing rearward	As high as practicable may be lower only if rear ID lamps are at the top
7	Rear Identification (ID) Lamps — Vehicles 2032mm wide or wider — Not required on Truck Tractors	(P2 or P3)	Indicate presence of a wide vehicle	Exactly 3	Red	On the rear - center horizontally spaced 150mm (6 in.) to 300mm (12 in.) apart facing rearward	**In Canada:** at the top - lower if door header narrower than 25mm **In USA:** as high as practicable
8	Tail Lamps	(T)	Indicate vehicle's presence and width	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1830 (15-72)
	Stop Lamps	(S)	Indicate braking	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1830 (15-72)
	Rear Turn Signal/ Hazard Warning Lamps	(I)	Indicate direction of turn/ identify disabled vehicle	Minimum 2	Red or yellow	On the rear - symmetrical as far apart as practicable	380-2110 (15-83)
	Rear Reflex Reflectors	(A)	Show vehicle's presence and width	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1530 (15-60)
9	Backup Lamp	(R)	Illuminates ground behind the vehicle and alert road users	Minimum 1	White	Rear	No requirement
10	License Plate Lamp(s)	(L)	Illuminates license plate	Minimum 1	White	On the rear - above or at the sides of license plate	No requirement
11	Center High Mounted Stop Lamp — Vehicles less than 2032mm wide and 4536kg	(U3)	Indicates braking	1	Red	On the rear - centerline of the vehicle	860 (34) minimum

ADDITIONAL EQUIPMENT FOR SPECIFIC VEHICLES
VEHICLES 9.1m (30 ft.) LONG OR LONGER

Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
DESCRIPTION				**MANDATORY REQUIREMENTS**			
12 a	Intermediate Side Marker Lamps	(P2 or P3)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center	380 (15) minimum
12 b	Intermediate Side Reflex Reflectors	(A)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center facing sideward	380-1530 (15-60)

Truck Tractors

Area	Conspicuity Treatment	DOT Coding	Quantity	Color	Location	Height	Options
DESCRIPTION				**MANDATORY REQUIREMENTS**			
13	Rear Upper Body Markings	DOT-C / DOT-C2 / DOT-C3 / DOT-C4	Exactly 2 pairs of 300mm long strips	White	Rear upper corners of cab facing rearward	As high as practicable excluding fairings	
14	Rear Marking	DOT-C / DOT-C2 / DOT-C3 / DOT-C4	Exactly 2 sections of min. 600mm each	Red/ White	Rear - facing rearward - on fenders, on mud flap brackets, or within 300mm below the top of mud flaps	As horizontal as practicable and not higher than 1525mm from the ground	If mud flaps not used - on the cab or frame mounted brackets
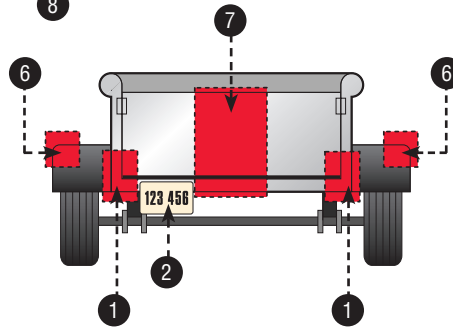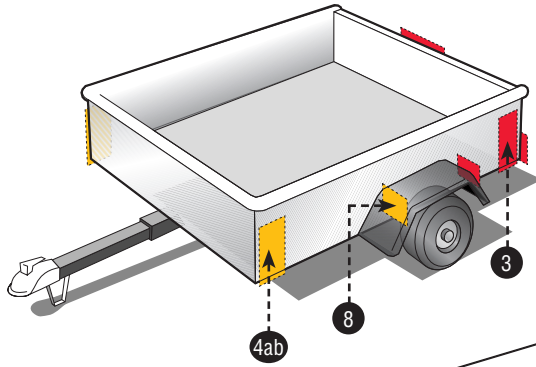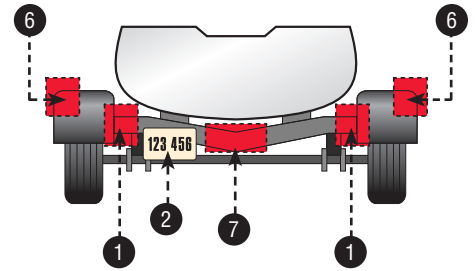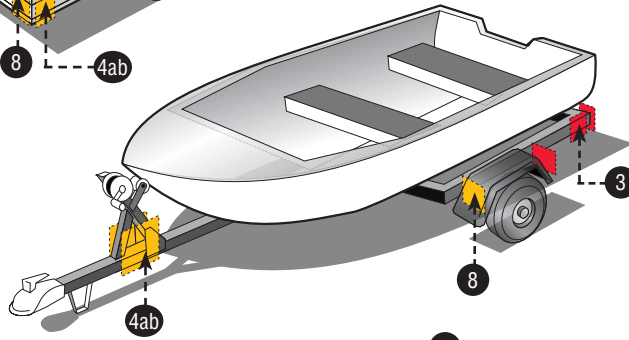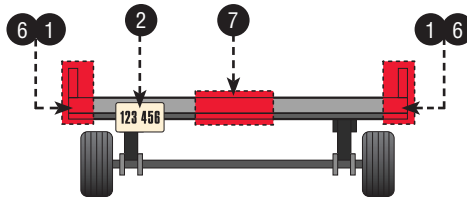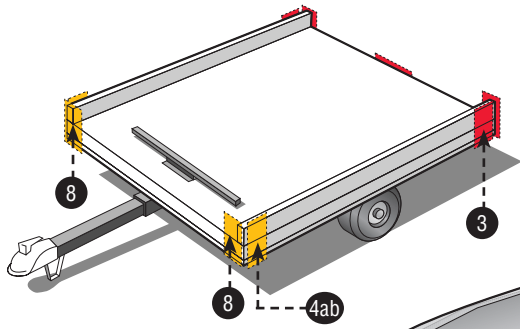
See
page 261
for details of
numbered
areas
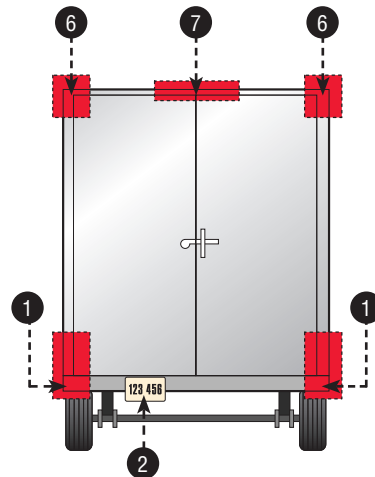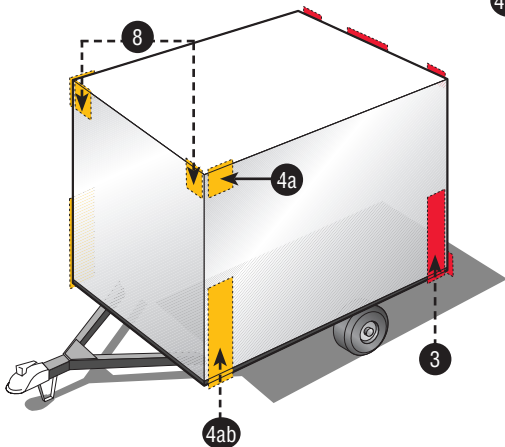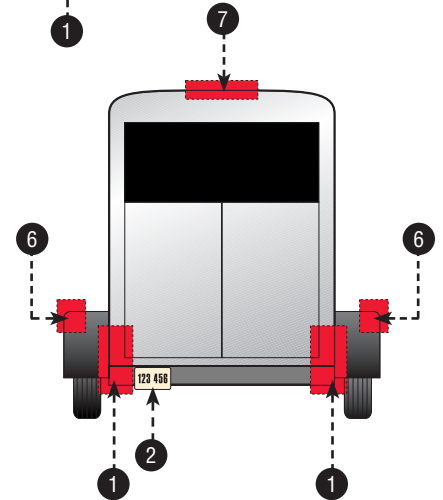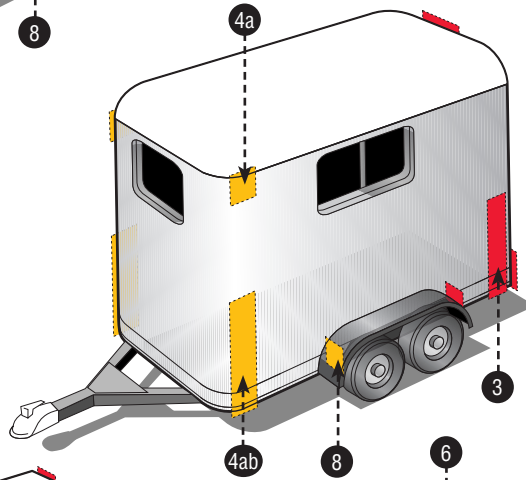
LIGHTING REGULATIONS

See
page 261
for details of
numbered
areas

5ab

4ab

12

12

8

3

9

6 1

2

11

1 6

7

10

5a

4a

8

4ab

12

5ab

12

3

* upper OR
  lower position

7

9

9

6 1

1 6

123 456

2

10

5a

4a

8

4ab

12

5ab

12

3

9

6

7

6

9

1

2

11

1

123 56

10

IMPORTANT NOTE: Every lamp, reflex reflector, and conspicuity treatment must be permanently attached in the location specified below and must comply with all applicable requirements prescribed for it by FMVSS/CMVSS 108. The face of any device on the front/rear and sides should be, respectively perpendicular and parallel to the vehicle's centerline, unless it is photometrically certified at installation angle. No part of the vehicle shall prevent any device from meeting its prescribed requirements unless an auxiliary device meeting all prescribed requirements is installed.

IN CANADA: Manufacturers and importers of vehicles must have the proper certification test records demonstrating compliance of lighting components with all prescribed requirements.

BASIC EQUIPMENT REQUIRED ON ALL TRAILERS

		DESCRIPTION		MANDATORY REQUIREMENTS			
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
1	Tail Lamps	(T)	Indicate vehicle's presence and width	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1830 (15-72)
	Stop Lamps	(S)	Indicate braking	Minimum 2	Red	On the rear - symmetrical as far apart as practicable	380-1830 (15-72)
	Rear Turn Signal Lamps	(I)	Indicate direction of turn	Minimum 2	Red or Yellow	On the rear - symmetrical as far apart as practicable	380-2110 (15-83)
	Rear Reflex Reflectors	(A)	Indicate vehicle's presence and width	Minimum 2	Red	On the rear - symmetrical as far apart as practicable facing rearward	380-1530 (15-60)
2	License Plate Lamp(s)	(L)	Illuminates license plate	Minimum 1	White	On the rear - above or at the sides of license plate	No requirement
3	Rear Side Marker Lamps *photometrically certified at installation angle	(P2, PC* or P3, PC2*)	Front and rear side marker lamps / side reflex reflectors indicate vehicle's presence and length	Minimum 2	Red	Each side at rear as far back as practicable	380-1530 (15-60) no max. for veh. under 2032mm (80") wide
	Rear Side Reflex Reflectors	(A)		Minimum 2	Red	Each side at rear as far back as practicable	380-1530 (15-60) facing sideward
4	a† Front Side Marker Lamps *photometrically certified at installation angle	(P2, PC* or P3, PC2*)		Minimum 2	Yellow	Each side at front as far forward as practicable	380 (15) minimum
	b† Front Side Reflex Reflectors	(A)		Minimum 2	Yellow	Each side at front as far forward as practicable facing sideward	380-1530 (15-60)

†not required on trailers shorter than 6 feet in length

ADDITIONAL EQUIPMENT FOR TRAILERS EXCEEDING THE FOLLOWING PARAMETERS

Length 9.1m (30 ft.) or longer

		DESCRIPTION		MANDATORY REQUIREMENTS			
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height mm(in.) from the ground
5	a Intermediate Side Marker Lamps	(P2 or P3)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center facing sideward	380 (15) minimum
	b Intermediate Side Reflex Reflectors	(A)	Indicate presence of a long vehicle	Minimum 2	Yellow	Each side near center facing sideward	380-1530 (15-60)

Width 2032mm (80 in.) or wider

		DESCRIPTION	MANDATORY REQUIREMENTS				
Area	Equipment	SAE Lens Coding	Functional Purpose	Quantity	Color	Location	Height
6	Rear Clearance Lamps *photometrically certified at installation angle	(P2, PC* or P3, PC2*)	Show vehicle's width MAY NOT be combined with tail lamps	Minimum 2	Red	At widest point - symmetrical on the rear or near the rear facing rearward	As high as practicable may be lower only if ID lamps are at the top
7	Rear Identification (ID) Lamps	(P2 or P3)	Indicate presence of a wide vehicle	Exactly 3	Red	On the rear - center horizontally spaced 150mm (6 in.) to 300mm (12 in.) apart facing rearward	In Canada: at the top - may be lower if door header narrower than 25mm In USA: as high as practicable
8	Front Clearance Lamps *photometrically certified at installation angle	(P2, PC* or P3, PC2*)	Show vehicle's width	Minimum 2	Yellow	At widest point - symmetrical on the front or near the front facing forward	As high as practicable

Width 2032mm (80 in.) or wider **AND** GVWR 4536 kg (10,000 lb.) or more

	DESCRIPTION		MANDATORY REQUIREMENTS				
Area	Conspicuity Treatment	DOT Coding	Quantity	Color	Location	Height	Options
9	Rear Upper Body Markings		Exactly 2 pairs of 300mm long strips	White	On the rear upper corners facing rearward	At the top	Reflex reflectors may not be required if they are replaced in their required location with conspicuity treatment.
10	Bumper Bar Marking	DOT-C DOT-C2 DOT-C3 DOT-C4	Continuous	Red/White	On the rear bumper bar's horizontal element full width - facing rearward	No requirement	
11	Rear Lower Body Marking		Continuous	Red/White (see options)	On the rear full width of the vehicle facing rearward	As horizontal as practicable and as close as practicable to the range of 375 to 1525mm from the ground	Optional in Canada: Rear lower body and side conspicuity treatment may also be solid white, solid yellow, or white and yellow.
12	Side Marking		(see location)	Red/White (see options)	Each side - facing sideward continuous, or evenly spaced over minimum of 50% of length starts and ends as close to the front and rear of the vehicle as practicable	As horizontal as practicable and as close as practicable to the range of 375 to 1525mm from the ground	

AUTO SELECT™

Auto Select is Peterson's trademark name for a selected group of imported automotive products. Unlike other imported products, Auto Select are designed, built and quality-inspected to PM's stringent standards.

ASAE

American Society of Agricultural Engineers. Defines industry standards for agricultural equipment, including ASAE S279.17, Lighting & Marking of Agricultural Equipment on Highways.

BLADELIGHTS®

Peterson's trademark name for snowplow and emergency lights.

BEACON See WARNING BEACON

BULBS

A glass capsule containing electrodes or a filament which glows when connected to an electrical source. Three bulb types are generally used for illumination and vehicle safety lighting:

Incandescent—there are two basic incandescent bulb styles most frequently used in general lighting products.

Bayonet Base—a traditional, widely used metal-based bulb such as 1156, 1157 or 1895.

Wedge Base—a non-indexed, baseless, all-glass bulb such as 3056, 3157 or 193.

An incandescent bulbs is rated by the number of hours it will burn under ideal laboratory conditions. Peterson uses 15,000 hour-rated bulbs whenever possible to achieve maximum performance.

Halogen—commonly known for bright, intense light from a small package. In halogen bulbs, tungsten particles from the filament are continually redeposited back on the filament to extend its life. Halogens are available in H1, H3 bulb and sealed beam configurations.

Xenon—a bulb type commonly used in emergency warning lights. Xenon refers to the gas sealed inside the bulb. It serves as a starter in order to accelerate the start up process of high-intensity discharge headlights.

See also: LED, WARNING BEACON

CANDELA

A standard unit measuring the amount of visible light emitted by a light source in one direction.

CANDELA-SECOND

A standard unit measuring the amount of light seen through a clear lens during one second.

DOT

US Department of Transportation; a cabinet-level Federal department which governs transportation systems in the United States.

See also: FMVSS 108, NHTSA

DRIVING LIGHT

A front-mounted white light which produces a long-range, pencil-shaped light pattern. Greatly increases nighttime visibility at highway speeds. See illustration of fog and driving light beam patters on page 202.

See also: FOG LIGHT

EMERGENCY BEACON See WARNING BEACON

FMVSS 108

Federal Motor Vehicle Safety Standard No. 108; Part of the Department of Transportation's uniform safety standards for new vehicles and vehicle components. FMVSS 108 regulates head lamps, tail lamps, stop lamps, reflectors, marker lamps, turn signals, ID lamps, etc. Peterson products exceed this regulation.

See also: DOT, NHTSA

FOG LIGHT

A front-mounted lamp which produces a low, wide beam pattern in front of the vehicle to greatly increase short-range visibility. Ideal for added driving safety in rain, snow or fog. See illustration of fog and driving light beam patters on page 269.

See also: DRIVING LIGHT

FRESNEL LENS

A compound-angle refracting lens divided into prismatic sections. Designed to collect light and concentrate output in a specific direction.

See also: LENS

GREAT WHITE®

Peterson's trademark name for our white light-emitting diodes.

See also: LED

GROMMET See MOUNTING CONFIGURATIONS

HALOGEN See BULBS

HARDWIRED

A term for permanently attaching lead wires to a lamp assembly, rather than using a detachable terminal plug. Hardwired lamps are better sealed and have fewer connection points for greater durability and better corrosion resistance.

INCANDESCENT See BULBS

LED (LIGHT EMITTING DIODE)

A small, solid-state, electronic light source. Some of the advantages of LED-based lamps are:
- up to 100,000-hour rated life
- Solid state—Vibration resistant, with no filament to break
- Low amp draw—90% less than standard bulbs
- Faster response time for added safety
- Maintenance free

LENS

A transparent or translucent cover over a bulb or LED. In accordance with FMVSS 108, Peterson manufactures lenses with two thermal plastic resins:

Acrylic—the most widely used material for lenses. Features moderate heat and impact-resistance.

Polycarbonate—a premium material with higher impact and heat resistance than acrylic.

See also: FMVSS 108, FRESNEL LENS

LUMEN

A standard unit measuring the flux emitted emitted by a light source in a solid angle of 1 steradian by a point source having a uniform intensity of 1 candela. *Measured lumens* is the flux emitted by a complete lighting assembly as observed in a lab. *Calculated lumens* for an LED light assembly is derived by multipying the flux of a single diode by the total number of diodes contained in the assembly.

LUMINOUS FLUX

The perceived power or visual intensity of a light source.

JOULE

A standard unit measuring energy generated by an electrical circuit. For a strobe circuit, the figure may refer to the energy of a single flash or to a succession of rapid flashes.

See also: WARNING BEACON

MAXI-SEAL®

Peterson's trademark name for our custom wire harness systems specifically designed for medium- and heavy-duty trucking industry, and our electrical accessory program for the aftermarket.

MIRRORS

Peterson offers a complete line of passenger car, light truck and van, and heavy duty mirrors and assemblies.

Convex—also known as "blind spot" mirrors. Features a fish-eye design permitting a wider view angle than a traditional mirror.

Elliptical—features a protruding, half-moon shape that allows driver to view a 180° area with a minimum of distortion.

Wedge Base Convex—an improved version of the traditional convex. Allows over 50° increase in viewing area with less distortion.

West Coast—A style of rear-view mirror assembly designed for large trucks characterized by a tall, narrow mirror face and two or three mounting arms that attach to the door above and below the window opening.

MOUNTING CONFIGURATIONS

Peterson offers many mounting options for our vehicle lights The three most common are:

Flush mount—a metal or rigid plastic bracket locates the light behind or within a pre-cut mounting hole so that the light does not protrude appreciably beyond the mounting surface.

Grommet mount—a rubber or flexible plastic collar push-fits between the light assembly and a pre-cut mounting hole of specific size and shape. Provides some degree of vibration isolation. Often allows lamp removal without tools.

Surface mount— light is attached above the surface of the vehicle. Usually prevents the need for creating large holes in the material, but small holes may be required for routing wires and attachment hardware such as screws, bolts, or rivets. Light assembly may mount directly to the vehicle, or may use a separate mounting bracket.

NHTSA

National Highway Transportation Safety Administration; A part of the Department of Transportation, this Federal agency oversees and regulates many aspects of vehicle construction and highway travel.

See also: DOT, FMVSS 108

NIGHTWATCHER®

Nightwatcher® is Peterson's trademark name for the entire line of high quality fog, driving and off-road lights and accessories.

PAR 36

An industry standard size and shape for directional sealed beams. Does not designate voltage, brightness or beam pattern.

PHOTOMETRIC

Photometry is the calculation and measurement of quantities of light, such as luminous intensity. This is usually measured in candela or candle power.

PIRANHA®

Peterson's trademark name for our premium LED lights. Piranha® lights not only use state-of-the-art LED circuitry, but are designed and manufactured to be unsurpassed in optical performance and durability while exceeding all applicable regulations and standards.

REFLEX

The characteristic of efficiently reflecting light directly back towards its source regardless of the source's location. Also, a surface or component having this characteristic.

SAE

Society of Automotive Engineers; A non-governmental body which establishes standards for the automotive industry.

SPITFIRE®

Peterson's trademark name for our exclusive microprismatic, wide angle reflectors. 47,000 microprisms per square inch provide superior candle power compared to conventional reflectors.

STROBE See WARNING BEACON

SUBMERSIBLE

A submersible light allows water into the unit when submerged. The bulb and socket are protected by an air pocket formed by the belljar principle which permits only a certain amount of water to enter by capturing a pocket of air within the lens assembly, preventing water from contacting the bulb.

VIBAR® and VIBAR II® (VIBRATION IMPACT BARRIER)

Developed in the 1960's, Peterson's Vibar® was the first real shock-mounted socket in the industry and eventually became the standard. This exclusive, resilient socket absorbs road shock and vibration for longer bulb life.

WARNING BEACON

There are three basic types of warning beacons:

Flashing—an emergency lamp which provides intermittent power to a stationary bulb, causing it to flash or blink on and off.

Revolving—revolving lights are available in several variations:

2-Beam—an emergency lamp with two sealed beams or light bulbs which rotate to produce a full, 360° warning.

4-Beam—an emergency lamp with four bulbs. Compared to a similar 2-beam unit, produces twice the light output and twice as many flashes for a given rotation speed.

Rotating Reflector—features a stationary light source with a revolving reflector to produce the 360° warning. This design is commonly used in light bars and compact units.

Strobe—lamp which energizes a gas-filled glass tube to produce, quick, extremely bright flashes.

Dual Flash/Quad Flash—a unit which flashes one strobe light head several times in quick succession before a longer pause. If the system is equipped with multiple strobe heads, each head flashes multiple times in turn.

Master/Slave Units—the master unit has a built-in control circuit, will operate independently by itself and can operate a slave unit. The slave unit has no built-in control circuit and requires the master unit to operate.

See also: CANDELA-SECOND, JOULE, WATT-SECOND

WATT-SECOND

A standard unit measuring the amount of the electrical current delivered per second.

WELDING

Fusing plastic components together by quickly generating friction heat to momentarily melt the mating surface and create a strong, hermetically-sealed bond. Peterson uses three distinct plastic welding techniques:

Linear—vibrating one part against another in a single direction.

Sonic—subjecting the assembly to high-frequency sound waves which vibrate the seams of the plastic.

Spin—rotating one component against another at high speed to create a circular bonding surface

XENON See BULBS

VIZ PACK

Peterson's term for a variety of retail-friendly, transparent package designs, including clamshells, blister packs, and bags. All Viz Packs are clearly labeled with part number and description, are pilfer-resistant and tamper-evident, and nearly all are hangable.

SAE LIGHTING IDENTIFICATION CODES

A	Reflex reflectors
A2	Wide angle reflex reflectors
C	Motorcycle auxiliary front lamps
D	Motorcycle and motor-driven cycle turn signal lamps
E	Side turn signal lamps—vehicles 12 m or more in length
E2	Side turn signal lamps—vehicles less than 12 m in length
F	Front fog lamps
F2	Fog tail lamps
G	Truck cargo lamps
H	Sealed beam headlamps
HG	Discharge forward lighting headlamps
HH	Sealed beam headlamp housings
HR	Replaceable bulb headlamps
I	Turn signal lamps
I3	Turn signal lamps spaced from 75 mm to less than 100 mm from headlamp
I4	Turn signal lamps spaced from 60 mm to less than 75 mm from headlamp
I5	Turn signal lamps spaced less than 60 mm from headlamp
I6	Rear mounted turn signal lamps and front mounted turn signal lamps mounted 100 mm or more from the headlamp, for use on vehicles 2032 mm or more in overall width
I7	Front mounted turn signal lamps mounted less than 100 mm from the headlamp, for use on vehicles 2032 mm or more in overall width
J590	Turn signal flashers
J845	Warning devices for emergency, maintenance and service vehicles
J945	Hazard warning signal flasher—canceled July 1999
J1054	Warning Lamp alternating flasher
J1318	Warning lamps for emergency maintenance and service vehicles
J1690	Hazard warning signal flasher
K	Front cornering lamps
K2	Rear cornering lamps
L	License plate lamps

M	Motorcycle and motor-driven cycle headlamps—motorcycle type
N	Motorcycle and motor-driven cycle headlamps—motor-driven cycle type
O	Spot lamps
P	Parking lamps
P2	Clearance, side marker and identification lamps
P3	Clearance, side marker and identification lamps for use on vehicles 2032 mm or more in overall width
PC	Combination clearance and side marker lamps
PC2	Combination clearance and side marker lamps for vehicles 2032 mm or more in overall width
Q	Turn signal operating units—Class A
QB	Turn signal operating units—Class B
QC	Vehicular hazard warning signal operating unit
R	Backup lamps
S	Stop lamps
S2	Stop lamps for use on vehicles 2032 mm or more in overall width
T	Tail lamps (rear position lamps)
T2	Tail lamps (rear position lamps) for use on vehicles 2032 mm or more in overall width
U	Supplemental high-mounted stop and turn lamps
U2	Supplemental high-mounted stop and turn lamps for use on vehicles 2032 mm or more in overall width
U3	Center high-mounted stop lamps for passenger cars, light trucks and MPVs
W	Warning lamps for emergency, maintenance and service vehicles
W2	Warning lamps for school buses
W3	360-degree emergency warning lamps
W4	Emergency warning devices
W5-1	360-degree gaseous discharge lamps—Class 1
W5-2	360-degree gaseous discharge lamps—Class 2
W5-3	360-degree gaseous discharge lamps—Class 3
Y	Driving lamps
Y2	Daytime running lamps
Z	Auxiliary low beam lamps

SAE PC RATING EXPLAINED

45° 45°
45°
45°

A traditional clearance lamp mounted on a trailer front is required to produce a 45° angle of light left and right of center
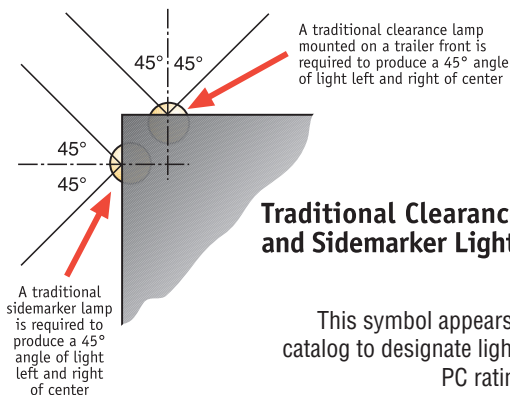
Traditional Clearance and Sidemarker Lights

A traditional sidemarker lamp is required to produce a 45° angle of light left and right of center

This symbol appears throughout the catalog to designate lights that meet the PC rating requirements

PC rated

90°
45° 45°
45°
90°
45°
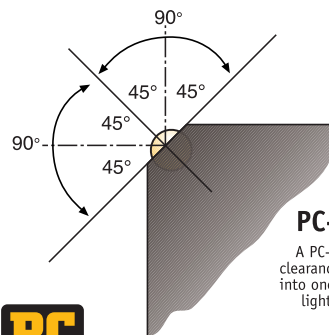
PC-Rated Lights

A PC-rated lamp combines the clearance and sidemarker functions into one to produce a 90° angle of light left and right of center

SAE CLASS RATINGS – BACK-UP ALARMS

Class	Sound Level
A	112 dB(A)
B	107 dB(A)
C	97 dB(A)
D	87 dB(A)
E	77 dB(A)
F	Other

The Society of Automotive Engineers (SAE) has developed performance standards for electric back-up alarms that are intended for use on heavy construction machinery. This chart shows the decibel level established for each of six classes defined in SAE Standard J944. The sound level tolerance for each class is +/- 4 dB(A). Alarms conforming to SAE J944 must also meet additional criteria relating to sound frequency, temperature range and resistance to rain, vibration and corrosion.

SAE CLASS RATINGS – STROBES

Class	Intended Function
1	Emergency Response
2	Warning
3	Identification

The Society of Automotive Engineers (SAE) has developed performance standards for strobe/warning lights. This chart shows the three classes defined in various SAE standards and their intended use. Each class is defined by specific photometric criteria for flash brightness and distribution that are too complex and numerous to be listed here. Strobes conforming to SAE standards must also meet additional criteria relating to housing durability, temperature range and resistance to rain, vibration and corrosion.

RECOMMENDED WIRE GAUGES

American Wire Gauge (AWG) is the standard measurement of wire sizes in the US. The higher the gauge number, the thinner the conductor.

Heavier gauge wire is required as either amperage or wire length increases. Overloaded wiring can negatively affect reliability and safety due to excessive voltage drop and heat. Wires thinner than 18 AWG are not recommended for vehicular use.

The tables below provide general guidelines for choosing wire. Remember that common ground wires must be adequate to carry the total amperage on the circuit, even if separate hot wires are used.

The data included here only illustrates general wiring principles. Variables such as the exact type of wiring used and the type of devices connected will effect the actual performance of any circuit. Always verify proper operation after installation.

Wire Gauge Specification

Gauge (AWG)	Diameter (inch)	Diameter (mm)	Cross Section (mm²)
0000	0.46	11.68	107.16
000	0.4096	10.40	84.97
00	0.3648	9.27	67.40
0	0.3249	8.25	53.46
1	0.2893	7.35	42.39
2	0.2576	6.54	33.61
3	0.2294	5.83	26.65
4	0.2043	5.19	21.14
5	0.1819	4.62	16.76
6	0.162	4.11	13.29
7	0.1443	3.67	10.55
8	0.1285	3.26	8.36
9	0.1144	2.91	6.63
10	0.1019	2.59	5.26
11	0.0907	2.30	4.17
12	0.0808	2.05	3.31
13	0.072	1.83	2.63
14	0.0641	1.63	2.08
15	0.0571	1.45	1.65
16	0.0508	1.29	1.31
17	0.0453	1.15	1.04
18	0.0403	1.02	0.82
20	0.032	0.81	0.52
22	0.0254	0.65	0.33
24	0.0201	0.51	0.20

Wire Gauge Required for 3% Voltage Drop at 12 Volts

Circuit Length	Total Circuit Amps						
	1	5	10	20	30	40	50
10'	18	16	14	12	10	8	8
20'	16	14	12	8	6	6	4
30'	16	12	10	6	4	4	2
40'	16	12	8	6	4	2	2
50'	16	10	8	4	2	2	1
60'	16	10	6	4	2	1	0
80'	14	8	6	2	1	0	00
100'	14	6	4	2	0	00	000
120'	14	6	4	1	00	000	0000

Wire Gauge Required for 10% Voltage Drop at 12 Volts

Circuit Length	Total Circuit Amps						
	1	5	10	20	30	40	50
10'	24	18	18	16	14	14	12
20'	22	18	16	14	12	10	10
30'	20	18	16	12	10	8	8
40'	20	16	14	10	8	8	6
50'	18	16	12	10	6	6	2
60'	18	16	12	8	4	4	2
80'	16	10	8	4	2	2	1
100'	16	8	6	4	2	1	0
120'	14	8	6	2	1	0	00

fractional inch	decimal inch	millimeters
	0.010	0.25
	0.020	0.5
1/32	0.031	0.794
	0.039	1
	0.050	1.27
1/16	0.063	1.588
	0.079	2
	0.100	2.54
	0.118	3
1/8	0.125	3.175
	0.150	3.81
	0.157	4
3/16	0.188	4.763
	0.197	5
1/5	0.200	5.08
	0.236	6
1/4	0.250	6.35
	0.276	7
	0.300	7.62
5/16	0.313	7.938
	0.315	8
1/3	0.333	8.466
	0.350	8.89
	0.354	9
3/8	0.375	9.525
	0.394	10
2/5	0.400	10.16
	0.433	11
7/16	0.438	11.113
	0.450	11.43
	0.472	12
1/2	0.500	12.7
	0.512	13
	0.550	13.97
	0.551	14
9/16	0.563	14.288
	0.591	15
3/5	0.600	15.24
5/8	0.625	15.875
	0.630	16
	0.650	16.5
2/3	0.666	16.933

fractional inch	decimal inch	millimeters
	0.669	17
11/16	0.688	17.463
	0.700	17.78
	0.709	18
3/4	0.750	19
	0.787	20
4/5	0.800	20.32
13/16	0.813	20.638
	0.827	21
	0.850	21.59
	0.866	22
7/8	0.875	22.225
	0.900	22.86
	0.906	23
15/16	0.938	23.813
	0.945	24
	0.950	24.13
	0.984	25
1	1.000	25.4
1 1/4	1.250	31.75
1 1/2	1.500	38.1
1 3/4	1.750	44.45
	1.969	50
2	2.000	50.8
2 1/4	2.250	57.15
2 1/2	2.500	63.5
2 3/4	2.750	69.85
	2.953	75
3	3.000	76.2
3 1/4	3.250	82.55
3 1/2	3.500	88.9
3 3/4	3.750	95.25
3 15/16	3.937	100
4	4.000	101.6
4 1/4	4.250	107.95
4 1/2	4.500	114.3
4 3/4	4.750	120.65
	4.921	125
5	5.000	127
	5.906	150
6	6.000	152.4
	6.890	175

fractional inch	decimal inch	millimeters
7	7.000	177.8
7 7/8	7.874	200
8	8.000	203.2
	8.858	225
9	9.000	228.6
	9.843	250
10	10.000	254
	10.827	275
11	11.000	279.4
	11.811	300
12	12.000	304.8
	12.795	325
13	13.000	330.2
	13.780	350
14	14.000	355.6
	14.764	375
15	15.000	381
15 3/4	15.748	400
16	15.000	406.4
	16.732	425
17	17.000	431.8
	17.717	450
18	18.000	457.2
	18.701	475
	19.685	500
21	21.000	533.4
	21.654	550
	23.622	600
24	24.000	609.6
	25.591	650
	27.559	700
	29.528	750
30	30.000	762
31 1/2	31.496	800
	33.465	850
	35.433	900
36	36.000	914.4
	37.402	950
	39.370	1 meter
	78.740	2 meters
	196.85	5 meters

DRIVING LIGHT
The driving light beam pattern (shown in white) produces a narrow, pencil-shaped white light that reaches far beyond regular headlights (shown in yellow). Driving lights increase long-range visibility at highway speeds and provide added safety while driving at night.

FOG LIGHT
The low, wide-angle beam pattern produced by fog lights (shown in white) increases short-range visibility for added safety in bad weather. Both amber and clear lights are available. Amber, while not as penetrating, is more visible to approaching vehicles.

Standard high-beam headlights are shown in yellow.

A: FLOOD LIGHT
An excellent work light for illuminating wide, short areas

B: TRAPEZOIDAL BEAM
Great all-around light which balances forward illumination with generous, consistent beam width.

C: SPOT LIGHT
Extremely long-range for marking rows, fence lines, etc.

LED AMP DRAW SPECIFICATIONS

Part No.	@12V (Color 1 / 2)	@24V (Color 1 / 2)
129A / R	.04 / .04	
133A / R	.03 / .06	
153A / R	.04 / .04	
153C-MV	0.07	0.08
153C-P	0.07	
153CTP-BT3	0.14	
153SA-1	0.73	
153SA-2	0.44	
153SB-1	0.74	
153SB-2	0.76	
153SC-1	.72	
153SC-2	0.78	
153SR-1	0.73	
153SR-2	0.75	
160-3R	.18	
160A / R	.03 / .01	
160A-24V		0.03
161A / R	.02 / .02	
161A-R	0.08	
162A / R	.05 / .05	
163A / R	.18 / .14	
163A-MV / R-MV	.16 / .12	.08 / .07
164A / R	.05 / .05	
165A / R	.18 / .14	
165A-MV / R-MV	.16 / .12	.08 / .07
166A / R	.03 / .03	
167A / R	.06 / .05	
168A / R / CA / CR	.04 / .04 / .04 / .04	
168A-MV / R-MV	.03 / .03	.03 / .03
168C	.03	
169-3R / 3A	.11 / .11	
169A / R	.03 / .03	
170A / R	.04 / .04	
171A / C / R	.07 / .07 / .05	
172A / R	.05 / .05	
173A / R	.08 / .08	
174A / R	.18 / .18	
175A / R	.04 / .04	
176A / R	.07 / .07	
177A / R	.07 / .07	
178A / R / CA / CR	.06 / .07 /	
178A-MV / R-MV	.06 / .06	.04 / .04
178A-MVC / R-MVC	.06 / .06	.04 / .04
178W-MV	0.02	.02
179A / R	.09 / .1	
180A / R	.03 / .03	
181A / R	.07 / .04	
181A-MV / R-MV	.03 / .03	.04 / .04
187A / R	.06 / .05	
187A-MV / R-MV	.05 / .05	.03 / .03
188A / R	.07 / .02	
189FA / FR	.06 / .06	

Part No.	@12V (Color 1 / 2)	@24V (Color 1 / 2)
190FA / R	.05 / .06	
191-3RL	0.11	
191A / R	0.04 / 0.03	
192A / R	.04 / .05	
193A / R	.10 / .14	
194A / R	.05 / .05	
195A / R	.19 / .15	
196A / R	.04 / .04	
197A / R	.04 / 0.04	
198A / R	0.04 / .04	
199A / R	.04 / .04	
215A / R	0.01 / .01	
233A / R		NA
233CA / R	.47 / .17	
233CA / R low light	0.01 / .02	
250W-BT2	0.11	
253A / R	.07 / 0.8	
253A / R low light	.02 / 0.02	
271A / R	0.07 / .07	
271A / R low light	0.01 / .01	
272A / R	0.09 / .09	
274A / R	.07 / NA	
277K / KL	0.12 / .08	
291C-BT2	0.07	
294C	.02	
294-MV	0.03	
296C	0.01	
296C	0.01	
298C	0.02	
318L / R	1.25 / 1.25	
318L / R low light	.01 / .01	
318L / R red	.2 / 0.2	
319AA	0.45	
319AA low light	0.03	
319R	0.07	
319R low light	>.01	
327L / R	.19 / .19	
327L / R flashing	.05 / 0.05	
338-2	.23	
339A / R	.20 / .09	
350A	0.2	0.38
350A low light	0.04	0.09
351A	0.2	0.38
351A low light	0.04	0.09
353A / R	0.15	
353A / R low light	.02 / .11	
354A-AMP	0.45	
354A-AMP low light	0.03	
355A	0.2	0.34
355A low light	0.04	0.09
356A	0.54	
356A	0.54	

Part No.	@12V (Color 1 / 2)	@24V (Color 1 / 2)
356A low light	0.03	
356A low light	0.03	
359-4	NA	
359-1, -2, -3	.28 / .17 / .36	
360-1	1.82	0.93
361	.11	
362-1 / -2	.13 / .13	
363-1 / -2	.283 / .24	
364-1	0.49	
365	1.75	0.9
366	.142	
367	0.22	
368	0.11	
368	0.1	
369S	0.1	
370	.21	
371	.22	
379S	.12	
381	.09	
388A / R	.10 / .11	.07 / .07
388C	0.07	0.06
388WB	0.07	0.04
397C	.11	..58
417C	0.3	0.14
417C-1	.15	.07
417C-P	.30	.14
417R	.17	
417R low light	.05	
417SA-1 / -2	.40 / .47	.26 / .32
417SR-1 / -2	.35 / .30	.30 / .31
417TA	.20	
417TA low light	.11	
417YA-P	0.08	
417YA-P flashing	0.75	
418C-1	.13	.06
418C-P	.30	.14
418R-4	.149	
418SA-1 / -2	.42 / .32	.32 / .33
418SR-1 / -2	.41 / .44	.32 / .31
418TA	.40	
418TA low light	.11	
418YA-24V		0.37
418YA-P	.08	
418YA-p	0.08	
418YA-P flashing & steady	0.79	
418YA-P low light	.02	
418YR-P	0.08	
418YR-P flashing	0.78	
420HC-1P	0.15	0.07
420QA-P	.4	
420QA-P low light	.03	
420R	.46	1.23

Part No.	@12V (Color 1 / 2)	@24V (Color 1 / 2)
420R low light	.02	.10
420SA-1 &2	.28 / .47	.25 / .18
420SB-1&2	.20 / .23	.16 / .12
420SR-1 & 2	.48 / .43	.25 / .30
420VC-1P	.15	.07
423A-4	.26	.15
423A-4 low light	.05	.03
423HC-1P	.16	.08
423HR	.26	.16
423HR low light	.07	.07
423QA-P	.14	
423QA-P low light	.03	
423R	.46	1.21
423R low light	.02	.02
423SA-1 / -2	.47 / .47	.37 / .37
423SR-1 / -2	.48 / .47	.20 / .31
423VC-1P	.13	.06
423W-4	.16	.10
423W-4	0.16	0.09
701C & 701C-ECE	1.96	0.97
702C	1.05	
703C	1.17	
711	1.45	0.715
717A	.27	.13
717C	.25	.12
717R	.14	.08
717R low light	.06	.3
745A	1.14	0.46
748A	.26	.1
748C	.287	.102
752A / 752MA	1.16 / 1.49	.48 / .76
762A	0.18	0.18
764A	.17	0.08
772A	.09	
778A	2.724	
779-1A	3.59	
789A	2.43	1.16
791A / MA	1.15 / 1.14	.48 / .60
794A-1 & 2	.28 / .47	.25 / .18
797A	0.57	0.28
800W-9	NA	
817A-7	0.24	
817A-7 low light	0.01	
817A-9	NA	
817A-9 low light	NA	
817C-7	0.23	
817C-9	0.35	
817CR-2	0.08	0.15
817CR-2 low light	0.01	0.01
817CR-3	NA	
817CR-3 low light	NA	
817R-7	0.43	

LED AMP DRAW SPECIFICATIONS

Part No.	@12V (Color 1 / 2)	@24V (Color 1 / 2)
817R-7 low light	0.01	
817R-9	0.21	0.38
817R-9 low light	0.02	0.05
817SA-9	0.65	
817SW-9	NA	
817TA-2C & 818TA-2C	.34 / .33	.21 / .20
817TA-2C & 818TA-2C flashing	.09 / .09	.07 / .07
817W-9	0.2	0.37
818A-7	0.37	
818A-7 low light	0.01	
818A-9	0.21	0.38
818A-9 low light	0.01	0.05
818C-9	0.22	0.34
818R-7	0.43	
818R-7 low light	0.01	
818R-9	0.21	0.38
818R-9 low light	0.02	0.05
818W-9	0.2	0.37
820A-10 / 823A-10	0.23 / .23	.5 / .47
820A-10 / 823A-10 low light	.02 / .01	0.05 / .05
820C-10	0.22	0.49
820C-7	0.23	
820R-10 / 823R-10	0.24. / .24	0.5 / .47
820R-10 / 823R-10 low light	0.02 / .02	0.06
820R-7	0.24	
820R-7	0.22	
820R-7 low light	0.01	
820R-7 low light	0.01	
820SA-10	NA	
820SW-10	NA	
821A-7	0.24	
821A-7 low light	0.01	
821C-7	0.23	
821R-7	0.22	
821R-7 low light	0.01	
822R-7	0.23	
822R-7 low light	0.01	
823C-10	0.22	0.48
823C-7	0.38	
823R-7	0.4	
823R-7 & RTL-7	.42 / .25	
823R-7 & RTL-7 low light	.01 / .01	
823R-7 low light	0.01	
824A-7	0.42	
824A-7 low light	0.01	
824C-7	0.38	
824R	0.13	
824R low light	0.001	
824R-7	0.41	
824R-7 low light	0.01	
826A-7	0.24	

Part No.	@12V (Color 1 / 2)	@24V (Color 1 / 2)
826A-7 low light	0.001	
826C-7	0.24	
826R	0.14	
826R low light	0.001	
826R-7	0.41	
826R-7 low light	0.01	
826R-MV	NA	
827R	0.14	
827R low light	NA	
829C-7	0.4	
829R-7	0.39	
829R-7 low light	0.01	
840 / 840L	.28 / .33	
840 / 840L low light	.11 / .15	
845 / 845L	.19 / .16	
845 / 845L low light	.08 / .14	
850A	.38	.21
850A-1	.38	.21
850A-R	.23	.14
850A-R low light	.16	.10
850C	.66	.33
850F	.3	.3
850F-C	.67	.33
850HC / HC-1	.64 / .65	.34 / .36
850R	.37	.21
850R low light	.04	0.05
850R-1	.37	.21
850R-1 low light	.14	7
856	0.15	
856L	.19	
856L low light	.09	
856 low light	0.5	
869R	.16	
869R low light	.01	
880-7	0.19	
880-7 low light	0.02	
880-7 reverse	0.51	
881-7	0.19	
881-7 low light	0.02	
881-7 reverse	0.51	
882-7	0.18	
882-7 low light	0.02	
882-7 reverse	0.51	
883-7	0.18	
883-7 low light	0.02	
883-7 reverse	0.51	
901-MV	0.57	0.27
902-MV	0.56	0.28
903-MV	2.89	1.27
904-MV	1.07	0.51
907	.20	0.12
907-MV	.20	.12

Part No.	@12V (Color 1 / 2)	@24V (Color 1 / 2)
907-MV	0.2	
908	0.45	
909-MV	1.61	0.76
910-MV	1.29	.64
911-MV	1.73	.83
912-MV	1.15	0.61
913-MV	NA	
914S-MV	1.5	0.74
915-MV	3.08	1.5
916S	.20	.35
917-MV	3.07	1.58
1200A / C / R	.04 / .04 / .02	.04 / .04 / .02
1203A / C / R	.04 / .01 / .02	.04 / .01 / .02
1217A-1 / -1C	.32	.19
1217A-1 / -1C low light	.07	.19
1217A-9	0.13	0.19
1217A-R	.13	.08
1217A-R low light	.04	.02
1217C-9	NA	
1217F	.29	.15
1217F-C	.38	.19
1217G-R	.09	.06
1217R-9	0.17	0.29
1217R-9 low light	0.02	0.06
1218A-1	.18	.18
1218A-1 low light	.07	.19
1218A-1C	.32	.18
1218A-9	0.14	0.2
1218A-R	.12	.08
1218A-R amber	0.15	0.09
1218A-R low light	.03	.02
1218R-9	0.17	0.29
1218R-9 low light	0.02	0.06
1220A-10	0.13	0.21
1220C-10	0.21	0.44
1220R-10	0.21	0.37
1220R-10 low light	0.02	0.05
1223A-4	.13	.07
1223A-R-MV	.15	.08
1223A-R-MV low light	.001	.01
1223R-10	0.21	0.36
1223R-10 low light	0.02	0.06
1223R-4	.11	.06
1223R-4 low light	.04	.02
1268A-MTC	.06	
1268A-MV / -MVC	.03 / .03	.03 / .03
1268A-R-MV	.02	.02
1268R-MV / -MVC	.03 / .02	.02 / .02
1268W-MV	.01	.01
1288	.18	.19
1288A	.03	.03
1288B	0.16	0.09

Part No.	@12V (Color 1 / 2)	@24V (Color 1 / 2)
1288 back up	0.18	0.1
1288C	.07	.06
1288F	0.17	0.11
1288 low light	.17	.09
1288R	0.19	.10
1288R low light	0.07	0.04
1288 side marker	0.08	0.07
1288TA	.12	.08
1288 turn	0.13	0.07
1289	.35	.19
1289 low light	.24	.14
1290A-R	.21	.14
1290A-R amber	0.14	0.08
1290A-R low light	.01	.03
1291A-R	.23	.14
1291A-R low light	.18	.12
2875A-P / AF-P	.45 / 46	
2875A-P / AF-P low light	.12 / 12	
4153SA	0.65	0.34
4154SA	0.52	0.34
4155SA	NA	
4156SA	NA	
4222	.46	
4222 low light	.11	
4223	.44	
4223 low light	.11	
4224	.51	
4224 low light	.06	
4258A-1 / -2	.68 / .75	
4258A-1X / -2X	.69 / 0.75	
4300A / R	.05 / .05	
4343A-1 / -2	.51 / .32	
4343A-3 / -4	0.51	
4344A-1 / -2	.34 / .22	.34 / .16
4344A-3 / -4	0.34 / .22	
4353A-1X / -2X	.23 / .35	.12 / .10
4353A-3X / -4X	0.23 / .34	
4353A-3X / -4X flashing	.06 / .06	
4355A / R	.09 / .06	
4484A-1 / R-1	.04 / .04	
4523-1	.04	
4523-1 low light	.01	
4547	0.28	
4547 low light	0.16	
8344A-1 / -2	.34 / .22	
8363A-1 / -2	0.21 / .22	
8363A-1 / -2 flashing	0.22 / .21	

GROMMET & FLANGE MOUNTING DIMENSIONS

Dimensions given are for reference only. Due to various panel thickness, the size of the hole may need to be adjusted.

Grommet No.	Description	Hole Size	Max. Panel Thickness
127-18	Grommet, rectangle, flush mount, black	3.50" x 2.40"	0.16"
127-181	Grommet, rectangle, flush mount, white	3.50" x 2.40"	0.16"
142-17	Grommet, round, raised mount	2.75" diameter	0.18"
142-18	Grommet, round, recess mount	3.125" diameter	0.18"
142-181	Grommet, round, recess mount	3.125" diameter	0.18"
143-17	Grommet, round, flush mount, closed-back	3.125" diameter	0.15"
143-18	Grommet, round, flush mount	2.75" diameter	0.25"
144-18	Grommet, round, flush mount, closed-back	2.75" diameter	0.075"
146-18	Grommet, round, flush mount	2.25" diameter	0.25"
146-181	Grommet, round, raised mount	2.125" diameter	0.25"
146-182	Grommet, round, flush mount, closed-back	2.25" diameter	0.25"
146-184	Grommet, round, raised mount	2.25" diameter	0.17"
150-18	Grommet, rectangle, flush mount	2.88" x 1.53"	0.25"
150-181	Grommet, rectangle, flush mount	3.00" x 1.65"	0.25"
177-18	Grommet, round, flush mount	0.75" diameter	0.20"
421-18	Grommet, oval, flush mount	2.50" x 6.75" 1.25" r. corners	0.0179 – 0.25"
426-18	Grommet, round, flush mount	4.50" diameter	0.25"
450-18	Grommet, rectangular, flush mount	5.43" x 3.58"	0.23"
850-18	Grommet, rectangular, flush mount	5.43" x 3.58"	0.375"

Lamp Series w/ Flange	Lamp Type	Mounting Hole Diameter
411, 413, 418, 424, 425, 818, 824	4" Round	4.5"
350F, 354F, 423, 822, 823, 2875	Oval	6.75" x 2.5"
162, 163, 192, 193	2 1/2" Round	2.75"
146, 164, 165, 194, 195	2" Round	2.25"

INSTALLING PETERSON LIGHTS WITH INTEGRAL WEATHERPROOF CONNECTOR RECEPTACLES

UP

YES!   NO!
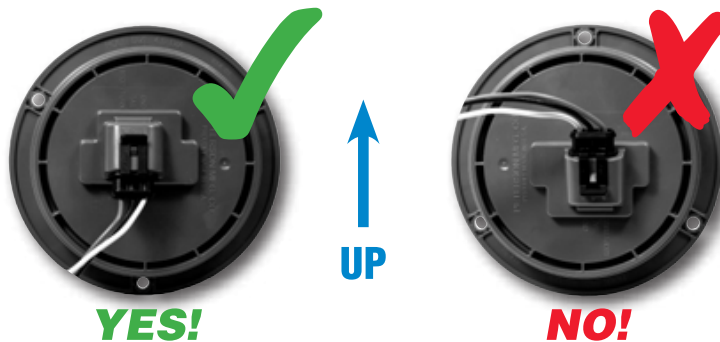
Many Peterson LED vehicle lights have an angled receptacle built into the rear of the housing. This receptacle is designed to accept AMP SuperSeal 1.5 Series and compatible sealed, weatherproof plugs. While this type of plug is among the very best in the industry at keeping out moisture and foreign matter, proper installation will ensure these lights provide the very longest, most trouble-free service life possible.

When installing these lights, the light housing should be oriented on the vehicle so that the receptacle opening faces downward. This will protect the light and wiring in two ways:

1. The housing shrouds the opening to help keep environmental liquids and debris from dropping or running down into it.

2. Material that does come into contact with the sealing surfaces will be drawn by gravity down, out and away, rather than being pulled further into the connector.

It is important to always orient the receptacle opening properly when attaching the housing to the vehicle body. When doing maintenance on a vehicle, verify the orientation of the light housings whenever possible.

OBSOLETE PART NUMBERS

The following parts previously offered by Peterson are no longer available and do not appear in this catalog.

95-15A	172A	V377S	M418C-5	B421-493	V507HFM	759-15B	M818R-3	1217R-2C	4458A
95-15C	M172A	381X	M418C-5-MV	421A-EF	508LU	759-15R	M818RG-3	1218A-1	4458A-BT4
95-15R	V172KA	390-15	V418KR-2	421A-ER	512	759-23	818TA-2	1218A-1C	4458AX
V107-6R	V172KR	394C	V418KR-3	421A-ER-24V	512-77	759A	M818TA-2	1218A-2	4469
M107WB	172R	M394C-1	V418KR-5	421R-24V	514-77	760WA	M818TA-3	1218R-2	4469
M107WG	M172R	M394C-2	M418R-2	M421KA-24V	514	763B	M818TA-3C	1218R-2C	4470
M109A	M173A-24V	397C	M418R-2C	M421KR-24V	515	765A	M818TA-9	1220A-EF	4470
M110C	M173R-24V	M397C-PKD	M418R-2P	422R	V520-50	765R	820C-10	1220R-2	4523
M116R	174A	M397SC-PKD	M418R-2PKD	M423C-5AMP	V534-2	767-09K	M820C-3	1220TA-2PKD	4523-1
117A	M174A	M397WC-PKD	M418R-3	423C-5P	M544	767A-2	820R-3	1223A-EF	4523-49
M119B	V174KA	400-22	M418R-3AMP	M423C-5P	M545	767A-3	M820R-3	1223A-EF-P	4523-491
M119G	V174KR	415-11K	418R-3P	M423HC-1P	551-41	769-2A	821C-3	1223R-2	4559A
V126C	174R	415-24V	M418R-3P	M423HR	V551-41	771-15R	M821C-3	1223R-2P	4559R
127-18	M174R	M415-24V	M418R-3PKD	M423HR-3	V560	V771R	V821KR-3	1223TA-2P	4582
127-181	177-186	415K-24V	418R-5	423HSR-1	561	774-15B	821R-3	1268A-4	V5325
V129KA	M178R-MVC	M415K-24V	M418R-5	423HSR-2	563	V774B	M821R-3	1268A-C-4	V5402
V129KR	M182A	417-091	M418R-5-MV	V423KR	V583-2	775-09	M822C-3	1268A-MV-SW	V5404
V131A	M182A-BT2	417-092	M418R-5P-MV	V423KR-2	V584-2	775-25A	V822KR-3	1268A-R-4	V5406-09
V131R	M182R-BT2	417-093	M418TA-2	V423KR-3	586-2	775-25B	822R-3	1268A-R-SW	V5407-09
V139A	M183A	M417C-5	M418TA-2C	V423KR-5	V588-2	775-25R	M822R-3	1268R-4	V5412
B142-181	M183A-BT2	M417C-5-MV	M418TA-2P	V423KR-5	591	775A	823C-10	1268R-C-4	V5418
M143A-24V	M183A-P	M417C-5-MV-AMP	M418TA-5	M423R-2	V593-2	776A	M823C-3	1268R-MV-SW	V5419
M143SA	M183R	M417C-5AMP	M418TA-5-MV	M423R-2P	595	777-09	823R-10	1268W-4	V5420
M143SR	M183R-BT2	417C-5P	M418TA-5P	M423R-3	596	777-25A	823R-3	1289	V5421
145A	M183R-MV	M417C-5P	M418W-2	423R-3P	V603B	777-25CA	M823R-3	1290-09	V5422
145R	M183R-P	M417C-5P-MV	M418W-2-MV	M423R-3P	606	777A	823RTL-3	1292-09	V5423
B146-091	M184A	417CR-5	418WTA-AMP	423R-5	610X	779A	M823RTL-3	V2506A	V5424
146-182	M184FA-PKD	M417CR-5	418YA-24V	M423R-5	618XA	789B	824	V2506R	B5500A
M146KA-24V	M184FR-PKD	M417CR-5P	418YR-P	423R-5P	657C	789C	V824KR-3	V2574	V5500A
M146KR-24V	M185A	V417KCR-5	M420C-5	M423R-5AMP	657X	793MA	824R-3	2591	B5500B
146SA	M185A-MV	V417KR-2	M420C-5AMP	M423R-P	670X	812R	M824R-3	2592	V5500B
146SR	M185FA-MV-BT2	V417KR-3	420C-5P	423RTL-3AMP	671X	813L	M824TA-3	2637A	B5525Y
M147R	M185FA-PKD	417KR-5	M420C-5P	423SA-2AMP	717A-PKD	813R	826	2637R	V5525Y
M148A	M185FR-MV-BT2	V417KR-3	M420C-5PKD	423SR-1	717R-PKD	814C-3	V826KR-3	2875A-2P	V7004
M148R	M185R-MV	V417KR-5PL	420CR-5	423SR-2	746A	M814C-3	826R-3	M2875A-2P	V7008
M149A	M185R-P	M417R-2	M420CR-5	M423TA-2	746B	815C-3	M826R-3	M2875AF-2P	V7010
M149R	M195FA-PKD	M417R-2C	M420CR-5P	M423TA-2AMP	746C	M815C-3	826TA-3	4208	V7012
B150-11	M195FR-PKD	M417R-2P	V420KCR-5	M423TA-2P	746R	817C-3	M826TA-3	4222	V7012H
152-09	212-22	M417R-2PKD	V420KR-2	M423TA-5	753-25A	M817C-3	826X	4223	8344A-3
152-091	M246K	M417R-3	V420KR-3	424R	753-25B	817KCR-3	831	4224	8344A-4
152-10	250-22	417R-3P	M420KR-3P	426A-11K	753-25R	817KR-3	834L	M4252A	8344AF-1
B152-10	319AA-P	M417R-3P	420KR-5	426A-EF-24V	753A	817KR-3P	834R	4258AF-1	8344AF-2
153-09	320	M417R-3PKD	V420KR-5	426A-ER-24V	753MA	817KTA-3	835	4258AF-2	8344AF-3
M153C-MV-BT2	326	417R-5	V420KR-5PL	M426KA-24V	754A	817R-2	V840LPL	M4260AF	8344AF-4
M155R-24V	334-2	M417R-5	M420QA-P	M426KR-24V	754A24	M817R-2	V840PL	M4260R	8363A-3
156-25R	V334-2	M417R-5-MV	M420R-2	426R-11K	754B	817R-3	850A-R-BT4	M4260RF-2	8363A-4
156A	335-2	417R-5P	M420R-2P	426R-24V	754R	M817R-3	M856-3P	4300A	95026-1
156R	337	M417R-5P	M420R-3	M426R-24V	755-15B	817TA-2	M856L-3P	4300R	95030-1
159A	M352A-24V	417SB-1C	420R-3AMP	427KR	755-15R	M817TA-2	V856LPL	4343AF-1X	95031-1
159R	M352KA-24V	417SB-2C	M420R-3AMP	427R	755-21	M817TA-3	V856PL	4343AF-2X	95063-1
M160A-24V	352R	M417TA-2	420R-3P	M427R	755-23	M817TA-3C	M907	4344AF-1	95081-1
B162-491	354A-AMP	M417TA-2C	M420R-3P	427R-24V	755A	M817W-2	909-MV-PKD	4344AF-2	95084-1
163-09	M354A-AMP	M417TA-2P	420R-5	V428W	755B	M817W-2-MV	V940PL	4344AF-3	95096-1
163FA	354AF-AMP	417TA-5	M420R-5	V433S	755R	818C-3	V941PL	4344AF-4	95097-1
163FR	M354AF-AMP	M417TA-5	M420R-5AMP	M436-24V	756MB	M818C-3	V947PL	4353A-3	95098-1
163KA	359-1-BT2	M417TA-5-MV	420R-5P	M436E	756R	M818CR-3	1217-09	4353A-4	95099-1
163KR	M359-C-BT2-HTL	M417TA-5AMP	M420R-5P	437	757-25B	818KR-3	1217A-1	4355A	95101-1
M168A-PKD	M366	417TA-5P	M420R-P	M439-24V	757-25R	818KR-3P	1217A-1C	4355R	95102-1
M168R-PKD	V366	M417TA-5P	M420TA-2	B440-09W	757HA	818KTA-3	1217A-2	4363A-1	95104-1
V168XCA	367	M417W-2	M420TA-2AMP	445-PKD	757HB	818R-2	1217A-2AMP	4363A-2	
V168XCR	M368-BT2	M417W-2-MV	M420TA-2P	467K	757HR	M818R-2	1217A-2P	4363A-3	
M169-3ABT2	M368-MLX	417YR-P	M420TA-5	V507-6V	759-15A	818R-3	1217R-2	4363A-4	

LED Limited Lifetime Warranty

LED lights manufactured by Peterson Manufacturing Company ("the manufacturer") and sold under the PM LED, LumenX®, Great White® and Piranha® brands are warranted to the original purchaser against defects in material and/or workmanship for the life of the product.

This Limited Lifetime Warranty is not transferable and applies only to the original installation of the product for as long as the original consumer owns the vehicle (lifetime). This warranty is subject to Conditions and Exclusions as noted below.

Peterson®/Defender® LED 10-Year Limited Corrosion Warranty

PM LED® and LumenX® Brand LED lights manufactured by Peterson Manufacturing Company ("the manufacturer") **and installed as a component part of the Peterson®/Maxi-Seal® Defender® brand Harness and Lighting System** are warranted to the original purchaser against

corrosion damage caused by the failure of the light or wiring harness for a a period of ten (10) years from the date of shipment. This Limited Warranty is not transferable and applies only to the original installation of the product. This warranty is subject to Conditions and Exclusions as noted below.

LED Three-Year Limited Warranty

LED lights manufactured by Peterson Manufacturing Company ("the manufacturer") that are listed herein are warranted to the original purchaser against defects in material and/or workmanship for a period of three (3) years from the date of shipment:

- LED headlights
- Non-LumenX LED work lights
- 215 Series clearance/marker lights
- Tunnel Lights™

This warranty is subject to Conditions and Exclusions as noted below.

One-Year Limited Warranty

Incandescent, halogen and xenon lights and **related accessories** manufactured by Peterson Manufacturing Company ("the manufacturer") are warranted to the original

purchaser against defects in material and/or workmanship for one (1) year from the date of shipment. This warranty is subject to Conditions and Exclusions as noted below.

Conditions & Exclusions

Conditions

Warranty claims require examination of the unserviceable part(s) by the manufacturer or an expressly designated agent. Refund, acceptance, return, or exchange of unserviceable parts by other parties, including the manufacturer's dealers and/or resellers, does not constitute a determination on behalf of the manufacturer that such part is deemed warrantable.

This warranty allows only for repair or replacement of the defective part, or refund of the purchase price, at the sole discretion of the manufacturer. The manufacturer makes no warranty regarding the fitness of its products for any particular purpose. The manufacturer is not liable for other incidental or consequential damages.

In no circumstances shall this warranty be extended to third parties except those performing as, or on behalf of, the manufacturer's authorized distributors.

Any implied warranties are limited to the specified warranty period.

Exclusions

Any of the above warranties shall be null and void if any one of or combination of these exclusions apply:

- Failure to install, operate, and maintain the product in accordance with the manufacturer's recommendations and standard industry practices.
- The product is damaged due to accident, abuse, misuse, improper installation, unauthorized modification, or exposure to incompatible cleaners or solvents.
- Product failure is caused by the defect or malfunction of equipment or component(s) from a source other than the manufacturer.
- Product failure is caused by severe applications including (but not limited to) buses, off-road, and construction vehicles.
- Product failure is caused by corrosive chemicals including acid washes and highway snow and ice chemicals.
- Product failure is caused by connector failure and/or water penetration due to (but not limited to) cracked housing, cracked lens, wire wicking, or corrosion.

This warranty gives you specific legal rights. You may also have other rights that vary by state and country. Some jurisdictions do not allow limitations on the duration of implied warranties. Therefore, some of the above limitations may not apply to you.

Grote

Grote	Peterson	Grote	Peterson	Grote	Peterson	Grote	Peterson	Grote	Peterson
12004	V603	41012	B477R	44690	573	45823	146A	47122	196R
12014	V603L	41013	B477A	44700	574	45832	143R	47123	196A
12020	608X	41032	V480R	44710	576	45833	143A	47202	M162FR
12052	655	41033	B480A	44720	577	45932	M106R	47212	166R
12053	655X	41042	B479R	44730	579	45933	M106A	47213	166A
12071	830	41043	B479A	44810	554	45993	117A	47232	163R
12072	609	41050	465-1	44820	557	46003	V120A	47233	197A
12073	830	41142	B490R	44891	5000	46072	155R	47242	M160R
12153	668X	41143	B490A	44892	571	46073	155A	47243	M160A
12164	V602	41152	B491R	45012	119R	46082	155R	47252	V133XR
12172	608XO	41153	B491A	45013	119A	46083	155A	47262	M133R
12173	608XO	41160	465-1	45022	V110R	46132	165R	47263	M133A
12182	608	42052	426-09	45023	V110A	46133	165A	47322	M163R-MV
12183	608X	42103	7011S	45042	142KR	46142	197R	47332	M165R-MV
12293	658X	42110	176-13	45043	142KA	46143	197A	47333	M165A-MV
12813	608XO	42112	176-10	45062	M146KR	46282	123R	47352	M187R-MV
12983	608X	42120	176-13	45063	M146KA	46283	123A	47353	M187A-MV
16023	617X	42141	150-091	45072	142KA	46292	123R	47372	M163FR
16032	608	42152	B820-09	45073	142KR	46293	123A	47373	M163FA
16033	608X	42180	165-10	45092	154KR	46302	M130R	47423	M163FA
16053	617XH	42282	176-12	45093	154KA	46303	M130A	47493	M161A
16063	618XA	42292	176-11	45102	V160KR	46392	M115R	47502	V129KR
16091	616W	42302	176-14	45103	V160KA	46393	M115A	47503	V129KA
16092	616	42312	176-16	45132	V160KR	46412	150R	47772	M178R
16123	615	43022	428-09	45133	V160KA	46413	150A	47773	M178A
16202	615	43100	794-09	45142	154R	46543	V118A	47912	4354R
16223	617X	43172	420-09	45143	154A	46702	108WR	47913	4354A
16244	615	43272	428-09	45172	119R	46703	108WA	48072	500
16284	615	43282	510-9	45173	119A	46712	108WR	48272	500
22013	667X	43292	510-9	45182	M142R-24V	46713	108WA	48282	V500
28031	654	43362	421-09	45183	M142A-24V	46740	M154A-R	49042	104-3R
28032	654	43370	150-091	45202	M146R-24V	46742	154R	49062	136-3R
28033	654X	43380	150-091	45203	M146A-24V	46743	154A	49072	136-3A
28041	655	43390	154-09K	45232	V127KR	46791	M138C	49112	107-3R
28042	655	43411	45	45233	V127KA	46792	138R	49122	160-3R
28043	655X	43424	45	45252	136R	46793	138A	49132	150-3R
28152	605	43430	163-09	45253	136A	46832	155R	49142	104-3R
28162	605	43463	B7005S	45262	135R	46833	155A	49172	150-3R
28663	655X	43512	143-092	45263	135A	46872	155R	49173	M150-3A
40052	B475R	43522	143-092	45333	V109A	46873	155A	49182	160-3R
40053	B475A	43532	146-092	45412	M104R	46882	107WR	49192	169-3R
40062	B475R	43572	426-09	45413	V131A	46883	107WA	49322	M177R-BT2
40063	B475A	43655	426-10	45432	135R	46892	V122XR	49323	M177A-BT2
40072	B481R	43673	B106-09	45433	135A	46893	V122XA	49332	176KR
40073	B481A	43690	165-10	45442	M130R	46902	V160KR	49333	176KA
40092	B477R	43780	154-09K	45443	M130A	46903	V160KA	50222	413
40093	B477A	43783	154-10K	45462	M130R	46922	V160KR	50232	413
40132	B487R	43790	154-09K	45463	M130A	46933	V160KA	50532	440L
40133	V487A	43823	B7007S	45582	V178XR	47012	168R	50542	440
40152	B476R	43842	440-09	45583	V178XA	47013	145A	50630	313-2RA
40153	B476A	43850	154-09K	45603	V178XA	47051	V126C	50642	313-2
40192	B460R	43901	46	45623	V178A	47052	V126R	50652	V339-2
40193	B460A	43960	150-14	45643	V178A	47053	V126A	50762	V457
40232	V472R	43970	150-09	45662	M137R	47072	188R	50902	442L
40233	B472A	43980	150-10	45663	M137A	47073	188A	50912	442L
40302	B483R	44010	5000	45672	136R	47092	161R	50920	845L
40303	B483A	44134	18-41	45673	136A	47093	161A	50972	445
40641	467-1	44421	19-41	45812	142R	47102	145R	50992	454
40650	465-1	44460	N/A	45813	142A	47103	145A	51090	146-10
41002	B481R	44530	570	45821	M146C	47112	198R	51932	M452
41003	B481A	44540	571	45822	146R	47113	198A	51942	M452L

Grote (cont.)

Grote	Peterson	Grote	Peterson	Grote	Peterson	Grote	Peterson	Grote	Peterson
51982	M852	54172	821R-7	62691	826C-7	77913	740A	92433	107-15A
51992	M852L	54173	821A-7	62751	821C-7	78333	M146ABS	92453	774-15A
52092	M817R-9	54193	M356A	62791	818C-7	78343	M142ABS	92510	424-09
52093	M817A-9	54243	M356AF	63611	904-MV	78433	M198ABS	92511	424-09
52152	426R-24V	54253	M356AF	63741	904-MV	87220	5407S	92512	424-09
52153	426A-24V	54342	826R	64011	511	87250	5407S	92773	117-25
52162	M817R-9	54362	M814R	64101	V408	87860	5407S	92792	440-15
52163	M817A-9	54562	817R-7	64411	507	90011	414-15C	92883	753-25A
52182	421R	54572	818R-7	64441	V408	90012	410-15R	92920	B146-182
52183	421A	54593	M356A	64891	M509	90013	410-15A	93552	424-09
52193	352A	55092	413	64921	508	90052	119-15R	93750	142-09 / B143-18
52202	450KR	55223	313AA	64930	507LU	90053	119-15A	93760	B146-09
52203	450KA	55232	V339-2	64931	507	90121	B134-15C	94000	142-18K
52253	M352KA	55243	313AA	64940	508LU	90122	134-15R	94010	143-18K
52302	440	55280	V337-2	64941	508	90123	134-15A	94100	146-18K
52312	440L	55290	337	64991	507F	90152	136-15R	94180	B850-18
52362	V456L	55340	326-2	65202	161KR	90153	136-15A	97750	789MA
52372	V456	55450	320	65203	161KA	90162	100-15R	99170	PM-ECK-T
52442	M444	55470	326	66210	154-49	90163	100-15A	99593	425S-21
52452	M444L	55572	426R	66812	431-491	90172	130-25R	99595	410-21
52482	V456	55573	426A	66843	421-491	90173	130-25A	12004-5	V603
52492	V456L	55772	421R	66850	B162-491	90202	108-15R	12014-5	V603L
52513	352A	55773	421A	66851	162-493	90203	108-15A	12073-5	830
52522	M413S	55982	717R	66860	B417-491	90252	334-15R	12111-5	606
52543	M352KA	55983	717A	66905	B167-49	90302	110-15R	12112-5	831
52572	421KR	55992	717R	66930	160-491	90303	110-15A	12113-5	832
52573	421KA	55993	717A	66931	160-492	90342	424-15R	12164-5	V602
52602	454	56000	337	66981	153-49	90373	755-15A	12201-5	V600
52612	M413S	56020	335	67000	431-491	90762	V410-15R	12243-5	832
52682	427KR	56052	V334-2	67001	162-49	90922	124-15R	12263-5	833
52692	M424R	60001	400	67010	431-49	90923	124-15A	12272-5	658X
52770	M429R	60011	436SX	67011	142-49	91042	130-25R	12312-5	V599
52772	426R	60081	M436B	67014	421-49	91043	130-25A	18103-5	595
52773	426A	60101	438	67050	142-49	91101	390-15	18252-5	591
52782	426KR	60121	400	67090	421-491	91122	56-15R	18302-5	598 / 805
52892	421R	60151	435	68110	B413-07	91302	445-25	28033-5	654X
52893	421A	60251	437	68130	413-07	91380	B150-181	28091-5	820
52902	442	60261	150C	68170	411-07	91400	143-18	28093-5	821
52912	442L	60271	M150W	71152	459-1	91410	142-18	28323-5	810
52922	431R	60291	154C	71422	449	91502	326-15R	40052-3	B475R
52923	431A	60351	394C	73030	785	91503	326-15A	40052-5	V475R
53000	337-2	60460	B150-14 / M150C	73040	780	91572	134-15R	40053-3	B475A
53012	M431KR	60651	M291C-BT2	73080	785	91573	134-15A	40053-5	V475A
53020	335-2	60671	153C-BT2	73090	781	91582	334-15R	40072-3	B481R
53023	337-2	61031	M396C	73120	V783	91583	334-15A	40072-5	B481R
53032	334-2	61081	V391C	73220	786-97	91683	118-15A	40073-5	B481A
53052	334-2	61091	M389S	76032	V774R	91740	426-18	40132-3	B487R
53092	421KR	61301	V433S	76033	V774A	91880	B142-17	40132-5	V487R
53093	421KA	61501	V434	76035	V774B	91961	B138-15C	40133-3	B487A
53132	V306R	61641	V384	76163	763A	91962	138-15R	40133-5	V487A
53133	393A	62101	817C-7	76183	763A	91963	138-15A	40152-3	B477R
53422	717R	62151	M411SC	76203	759A	91964	B138-15G	40153-3	B477A
53552	817R-7	62171	415	76223	755A	91965	B138-15B	40232-3	B472R
53553	817A-7	62181	415K	77103	766A	92033	766-25A	40232-5	V472R
53582	V869R	62231	416	77123	789A	92070	144-18	40233-5	V472A
53612	M424R	62251	416K	77133	788A	92120	146-18	40641-5	467-4K
53662	M441	62291	M393C	77153	761A	92150	146-182	40650-5	465-4K
53672	M441L	62321	415	77365	420SB-1	92162	156-25R	41032-3	B480R
53972	V423KR-2	62331	415K	77483	V764MA	92172	156-25R	41032-5	V480R
54142	820R-7	62381	M450C	77613	793A	92420	421-18	41033-5	V480A
54143	820A-7	62521	416	77643	788A	92432	107-15R	42112-3	176-10

Grote (cont.)

Grote	Peterson	Grote	Peterson	Grote	Peterson	Grote	Peterson	Grote	Peterson
42120-3	B176-13	45412-5	M104R	46872-3	M155R	52922-3	M431R	65320-5	V941
42141-3	B150-091	45413-3	M104A	46873-3	M155A	52922-5	V426R	65330-5	V940
42152-3	B820-09	45413-5	M104A	46883-5	V107WA	53012-5	V426KR	65350-5	V540
42282-3	176-12	45562-3	M146FA	46892-5	V122XR	54342-3	M826R	65370-5	V540
42292-3	176-11	45563-3	M146FA	46893-5	V122XA	55220-5	V313-2RA	65380-5	541
42302-3	176-14	45812-3	M142R	46922-3	M160R	55223-5	V313AA	65402-4	V555
42312-3	176-16	45812-5	V142R	46933-3	M160A	60001-3	M400	65440-5	V544
43022-5	V428-09	45813-3	M142A	47012-3	M168R	60011-5	V436SX	65730-5	V555
43262-5	V440-09	45813-5	V142A	47013-3	M168A	60101-3	M438	66843-3	B421-491
43272-5	V428-09	45821-3	M146C	47073-3	M188A	60101-5	M438	66930-3	B160-491
43362-3	421-09	45822-3	M146R	47102-3	M145R	60151-5	V435	67000-3	B431-491
43411-3	45	45822-5	V146R	47103-3	M145A	60251-5	V437	67001-3	B162-49
43463-3	B7005S	45823-3	M146A	47112-3	M198R	60261-3	M150C	67050-3	B142-49
43655-3	146-10	45823-5	V146A	47113-3	M198A	60291-3	M154C	67090-3	B421-491
43673-5	V106-09	45832-3	M143R	47122-3	M196R	61091-5	V390S	68540-5	V5425Y
43690-3	B165-10	45833-3	M143A	47123-3	M196A	61491-5	V391C	73040-5	V783
43790-3	B154-09	45932-5	M106R	47212-3	M166R	61501-5	V434	78333-3	M146ABS
43823-3	B7007S	45933-3	M106A	47213-3	M166A	62021-5	V392C	78343-3	M142ABS
43850-3	154-09K	45933-5	M106A	47232-3	M163R	62101-3	M817C-7	78433-3	M198ABS
43960-3	B150-14	46142-3	M197R	47233-3	M163A	62171-3	M415	90012-3	B410-15R
43970-3	150-09	46143-3	M197A	47253-3	M133A	62181-3	415K	90012-5	V410-15R
44530-3	570	46302-3	M130R	47372-3	M163FA	62231-3	M416	90122-5	V134-15R
44530-5	V570	46303-3	M130A	47502-3	M129R	62251-3	416K	90123-5	V134-15A
44540-5	571	46392-5	M115R	47503-3	M129A	62521-3	M416	90152-5	136-15R
44690-3	573	46393-5	M115A	49112-5	V107-3R	62691-3	M826C-7	90153-5	136-15A
44810-3	554	46412-3	M150R	49212-5	V191-3RL	62751-3	M821C-7	90202-5	V108-15R
44810-5	554	46412-5	V150R	49242-5	V169-3R	62791-3	M818C-7	90203-5	V108-15A
44840-5	V520-40	46413-3	M150A	50232-5	V413	63151-5	V503HF	90861-5	VH550
45002-5	V168XR	46413-5	V150A	50542-5	V440	63161-5	V504HT	90971-5	VH550
45003-5	V168XA	46422-5	V150KR	50630-5	V313-2RA	63181-5	V504HF	91400-3	B143-18
45021-5	M110C	46423-5	V150KA	50642-5	V313-2	63201-5	V504HT	91740-3	B426-18
45022-5	V110R	46543-5	V118A	50872-5	V428	63451-4	505K	91962-3	B138-15R
45023-5	V110A	46703-5	V108WA	50972-5	V445	63821-5	V711	91963-3	B138-15A
45232-3	M127R	46712-5	V108WR	52182-5	V421R	64061-5	V566-1	92120-3	B146-18
45233-3	M127A	46713-5	V108WA	52183-5	421A	64261-4	505K	92150-3	B146-182
45252-3	M136R	46742-3	M154R	52193-3	M352A	64351-5	V562-1	92420-3	B421-18
45252-5	V136R	46742-5	V154R	52302-5	V440	64371-5	V582-2	92701-5	VH549
45253-3	M136A	46743-3	M154A	52312-5	V440L	64401-5	V566-1	93552-3	424-09
45253-5	V136A	46743-5	V154A	52770-3	M429R	64481-5	V530	93750-3	142-09 / B143-18
45262-3	M135R	46792-3	M138R	52772-3	M426R	64501-5	V531	93760-3	146-09 / 146-181
45262-5	V135R	46792-5	V138R	52772-5	V426R	64931-5	V507	94180-3	B850-18
45263-3	M135A	46793-3	M138A	52892-3	M421R	65190-5	V540	99170-1	PM-ECK-T
45263-5	V135A	46793-5	V138A	52892-5	V421R	65230-5	V544	99593-3	425S-21
45412-3	M104R	46833-3	M155A	52893-5	421A	65300-5	V547	99595-3	425S-21

Truck-Lite

Truck-Lite	Peterson	Truck-Lite	Peterson	Truck-Lite	Peterson	Truck-Lite	Peterson	Truck-Lite	Peterson
00790	150-09	1320AD	V118A	2150	188R	3050	164R	40004	415K
00791	150-10	14200R	M127R	2150A	188A	30503R	M146KR	40009R	M426KR-24V
00793	B150-12	14200Y	M127A	22202Y	M343A	30503Y	M146KA	40012	M415K-24V
00802	150-13	14701	B127-18	262	554	3050A	164A	40028R	M431KR
1001D	V110R	15043	153C-142	26250R	M133R	3053	164FR	40041Y	426KA
1001AD	V110A	15056	153C-143	26250Y	M133A	3053A	164FA	40044	415K
10086R	163KR	1507	107WR	263	557	3058	198R	40201Y	426A
10086Y	163KA	1507A	107WA	26311R	123R	3058A	198A	40202R	426R
10133	176-12	15200C	M150W	26311Y	123A	3070	164FR	40204	415
10202R	142R	15200R	150R	26313R	M122R	30700	146-18	40206R	M429R
10202Y	142A	15200Y	150A	26313Y	M122A	30702	B146-182	40209R	426R-24V
10204R	M142R-24V	15205	153C-P	26315R	119R	30708	B7005S	40233R	M424R
10204Y	M142A-24V	15208	150C	26315Y	119A	3070A	164FA	40241Y	426A
10205R	143R	15227	153C-BT2	26330	435	30713	V7005	40242R	426R
10205Y	143A	15250R	153R	26331	M432	30720	2593	40244	415
10212Y	M142ABS	15250Y	153A	26335	400	30721	146-09	40258R	424R
10275R	M197R	15408	150-092	26336	437	30728	146-092	40258Y	850R-1P
10275Y	M197A	15409	150-102	26393C	394C	30729	B146-093	40259R	424R
10279R	M197FR	15506R	V150KR	2660	V180R	3075	166R	4027	445
10279Y	M197FA	15506Y	V150KA	2660A	V180A	3075A	166A	40282R	431R
10286R	163R	1560	M203R	26760Y	117A	307A	766A	4050	826R-7
10286Y	163A	1560A	M203A	26765Y	M118A	313A	V766MA	4050A	826A-7
10288R	M163FR	1570	M114R	27270C	701C	32	B484R	4053	824R-7
10288Y	M163FA	15702	B150-181	2750	V338-2	32A	B484A	4053A	824A-7
10289R	M163FR	1570A	M114A	2751	V339R	33050R	181R	4058	826R-7
10289Y	M163FA	15728	150-091	2751A	V339A	33050Y	181A	4058A	826A-7
10401	143-18K	15729	150-141	2758	V327R	33075R	176KR	4060C	826C-7
10404	142-18K	15730	150-14	2759	V327L	33075Y	176KA	4063C	824C-7
1050	162R	15745R	150-3R	2801	335	33250R	M171R-BT2	40700	426-18
1050A	162A	15745Y	M150-3A	2803	V335-2	33250Y	M171A-BT2	40720	426-09
10519R	142KR	15905	153C-P	282	576	33265B	4741B	40725	426-10
10519Y	142KA	172	570	283	577	33265C	4741C	41	B472R
1052	173R	173	571	285	572	33265G	4741G	41A	B472A
1052A	173A	182	573	286	579	33265PR	4741P	42722	428-09
1053	162FR	183	574	30133	176-11	33265R	181R	43	B460R
1053A	162FA	19002R	154KR	307A	766A	33265Y	4741Y	434WD	V434
1058	196R	19002Y	154KA	30200C	M146C	33275R	M177R-BT2	43A	B460A
1058A	196A	19006R	161KR	30200R	146R	33275Y	M177A-BT2	44001Y	817KA-7
1070	162FR	19006Y	161KA	30200Y	146A	33700	B177-18	44002R	V417KR
10700	143-18	19200C	154C	30201R	145R	33711	176-10	44003Y	817KA-7
10702	144-18	19200R	154R	30201Y	145A	33715	176-13	44021Y	818KA-7
10704	142-18	19200Y	154A	30206R	M146R-24V	33800	B176-09	44022R	V418KR
10708	B142-17	19206	154C	30206Y	M146A-24V	33810	B176-09X	44023Y	818KA-7
1070A	162FA	19250R	161R	30221R	M146FR	35001R	V160KR	44024Y	818KA-7
10715	B7007S	19250Y	161A	30221Y	M146FA	35001Y	V160KA	44026R	V418KR
10720	2592	1960	161R	30222R	M146SR	35075R	V167KR	44027Y	818KA-7
10725	142-09	1960A	161A	30222Y	M146SA	35075Y	V167KA	44030R	817KR-7
10728	165-10	19720	B154-09	30230Y	M146ABS	35200R	M160R	44032R	818KR-7
10729	143-092	19721	154-09K	30275R	M199R	35200Y	M160A	44036R	818KR-7
10731	B142-091	19724	B154-092	30275Y	M199A	35375R	V167KR	44201Y	817A-7
10740	V7007	19726	154-11K	30279R	M199FR	35375Y	V167KA	44202R	M417R
1211	138R	19729	B154-11	30279Y	M199FA	3550	169R	44203Y	817A-7
1211A	138A	19739	154-10K	30285R	165R	3550A	169A	44211R	417SR-1/-2
1211W	M138C	21200R	155R	30285Y	165A	35720	160-09	44211Y	417SA-1/-2
1213	138R	21200Y	155A	30288R	165FR	35740R	160-3R	44213R	418SR-1/-2
1213A	138A	21251R	188R	30288Y	165FA	37-3	465-1	44213Y	418SA-1/-2
1259	135R	21251Y	188A	30289R	165FR	3755D	V313R	44221Y	818A-7
1259A	135A	21256R	M187R-MV	30289Y	165FA	3812	337-2	44222R	M418R
1264	M106R	21256Y	M187A-MV	30401	146-18K	3850	313-2RA	44223Y	818A-7
1264A	M106A	21275R	187R			3850AA	313AA	44224Y	818A-7
1312A	V109A	21275Y	187A			40002R	426KR	44226R	M418R

Truck-Lite (cont.)

Truck-Lite	Peterson	Truck-Lite	Peterson	Truck-Lite	Peterson	Truck-Lite	Peterson	Truck-Lite	Peterson
44227Y	818A-7	60061R	820KR-7	7039	V603	9007G	B138-15G	97388	PMV0300T
44253R	M817R-9	60062R	823KR-7	7044D	V603L	9007W	B138-15C	97606	658X
44266R	M818R-9	60083R	421KR	7048D	V602	9016	334-15R	97618	654X
44273Y	M817A-9	60092C	416K	7269	833	9016A	334-15A	97619	654
44276Y	M818A-9	60094Y	820KA-7	797	459	9016B	334-15B	97659	B835
44302R	817R-7	60096Y	823KA-7	7973D	650	9041	420-15	97681	810
44308C	M817W-9	60097Y	823KA-7	798	449	9049	445-25	97802	605
44322R	818R-7	60201R	421R	80162C	M368	9093	134-15R	97803	608X
44326R	818R-7	60201Y	421A	80164C	M368-BT2	9093A	134-15A	97804	608
44339C	M818W-9	60202R	421R	80220	711	9093W	B134-15C	97805	832
44344C	818C-7	60204C	416	80251C	M360	9102	411-07	97806	616W
44346C	818C-7	60207R	M421R-24V	80255C	M365	9107	413-07	97809	617XH
44347C	417C-P	60215Y	352A	80302R	413	91243Y	717A	97811	616
44348C	418C-P	60250R	820R-7	80334R	425	91244R	717R	97814	608XO
44350C	817C-7	60252R	823R-7	80335R	M425S	9179	B106-09	97819	655X
44350R	M417R	60253R	M820R-10	80340	M392C	92WD	V392C	97820	655
44351R	M417R-P	60256R	823R-7	80342	M411C	92530Y	769-1A	97822	617
44362R	M418R	60260R	820R-7	80344	M411SC	92531Y	769-2MA	97852	821
44363R	M418R-P	60262R	823R-7	80345	M411SC	92871Y	4155SA	97860	615
44438C	V379S	60266R	823R-7	80355	M395C	92872Y	4156SA	97862	672X
44701	V7009	60272Y	M2875AF-P	80360	507	92900	780	97944	PMV0099PT
44705	B7009S	60275Y	M2875A-P	80364	M408	92901	780	97960	46
45	B481R	60276Y	M2875AF-P	80378	M507S	92902	781	97980	507LU
45A	B481A	60280Y	420QA-P	80394	M509	92905	785	98003R	B487R
45001Y	450KA	60282Y	423QA-P	80438	508	92916	786-97	98003Y	B487A
45002R	450KR	60283R	421R	80490	M396C	92918	786-102	98006R	B476R
45004	450KC	60284C	416	80493	V506	92924	782	98006Y	B476A
45201Y	M450A	60286Y	423QA-P	80525	V566-1	92925	19-41	98031R	B479R
45202R	M450R	60290Y	820A-7	80527	V552-2	9342	107-15R	98031Y	B479A
45204	M450C	60291Y	823A-7	80560	VH549	9342A	107-15A	98126	467-1
45251Y	850A-1P	60292Y	823A-7	80571	VH550	9372	306-25R	98127	465-1
45700	B450-18	60315Y	356A	80593	V520-10	9372A	306-25A	98136	465K
47	B475R	60317Y	356AF	80594	V520-41	9373W	306-25C	98137	467-4K
47A	B475A	60360R	420SR-1/-2	80720	440-09	9380SW	M389S	98168	469-1
4801	326-2	60360Y	420SA-1/-2	80888	505K	93906	150-49	98175R	B490R
50	45-171	60366R	423SR-1/-2	81240	911-MV	94706	417-491	98175Y	B490A
5050DK	V941	60366Y	423SA-1/-2	81250	910-MV	94707	417-49	98176R	B489R
5051DK	V940	6050	821R-7	81260	M907-MV	94718	160-491	98176Y	B489A
5055D	V840	6050A	821A-7	81300R	425	94727	153-49	99001R	102-15R
5056D	V840L	6053	822R-7	81301R	M425S	94729	153-49	99001Y	102-15A
5070	845L	6053A	822A-7	81360	911-MV	94759	417-48	99007C	414-15C
5071	845	6058	821R-7	8140	912-MV	94768	417-493	99007R	410-15R
50896	5407S	6058A	821A-7	8150	911-MV	94769	417-491Y	99007Y	410-15A
52	B477R	6060C	821C-7	81510	909-MV	94789	417-481	99008R	410-25R
52A	B477A	6063C	822C-7	81520	910-MV	94909	B142-51	99008Y	410-25A
530DK	V547	60700	421-18	8155	904-MV	94916	B142-50	99009R	338-15R
533DK	V540	60703	V7011	8160	910-MV	94919	142-49	99009Y	338-15A
534D	V440L	60719	B7011S	8170	909-MV	94924	162-49	99039B	110-15B
535D	V440L	60720	421-09	8192	913-MV	94925	431-49	99039C	110-15C
54	B480R	610W	V503HF	8933	108-15R	94926	431-491	99039G	110-15G
54A	B480A	627WD	V504HT	8933A	108-15A	94932	421-491Y	99039R	110-15R
540D	V428	629WD	V504HF	8947	55-15R	94992	421-49	99039Y	110-15A
541	428S	66050R	820KR-7	8947A	55-15A	94993	421-491	99041R	136-15R
60001R	421KR	66052R	823KR-7	900	500	95424	417-492	99041Y	136-15A
60001Y	421KA	66056R	823KR-7	9004	110-15R	95500	417-482	99066Y	117-25A
60002R	421KR	66205C	820C-7	9004A	110-15A	96992	160-493	99067Y	118-15A
60004C	416K	66206C	823C-7	9004G	110-15G	97005	160-492	99083R	420-15
60015Y	M352KA	66250R	820R-7	9004W	110-15C	97159	5407P	99090R	310-15R
60050R	820KR-7	66252R	823RTL-7	9007	138-15R	97201	5400	99090Y	310-15A
60052R	823KR-7	66256R	823RTL-7	9007A	138-15A	97231	5100	99146Y	769-25A
60056R	823KR-7	7038	V600	9007B	B138-15B	97270	5300		

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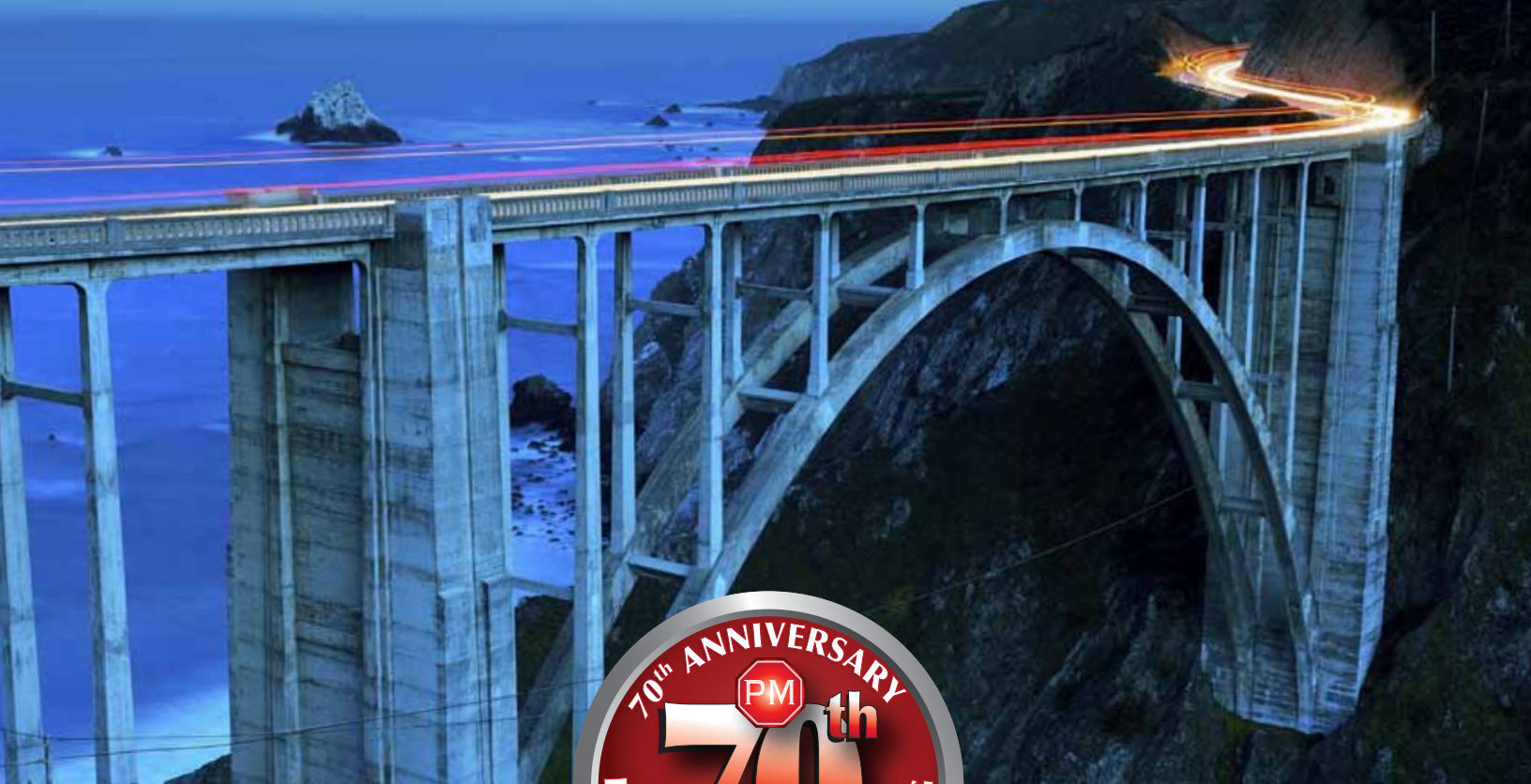
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