2015 AMBER

Professional Warning & Illumination

WHELEN®
MANUFACTURED IN AMERICA

New Products

All Whelen lenses and domes are hard-coated to minimize environmental damage from the sun, salt and road chemicals

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R316 & R416 Series

- ■ **SAE Class 1 Certified**
- ■ **Medium profile, smooth polycarbonate outer dome**
- ■ **100% solid-state electronics**
- ■ **Conformal coated electronics for moisture and vibration resistance**
- ■ **Cruise light feature**
- ■ **Available in permanent, magnetic and magnetic/suction mount models**
- ■ **Synchronizable with up to 8 other Whelen Synchronous products**
- ■ **Available in Amber and White**
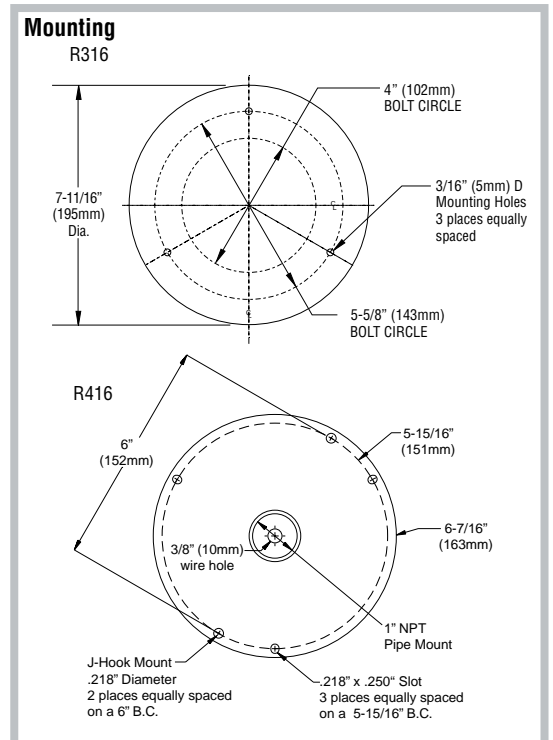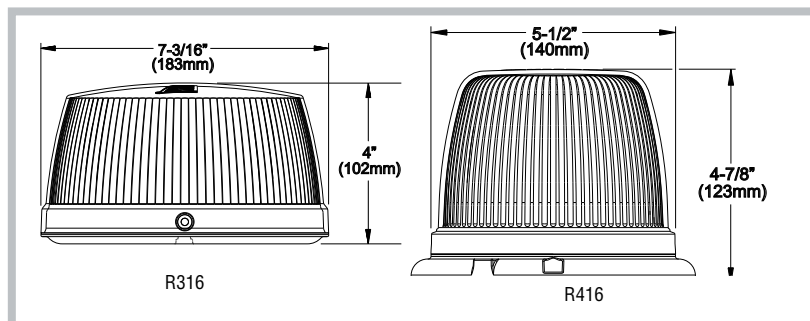- ■ **Five year HDP® Heavy-Duty Professional warranty**

R416

R316

Model No.	Mount	LED Color	Dome Color	Base	Amps	FPM	VDC
R316*F	permanent	single	color	powder coated cast aluminum	2-1/4 amps at 12 VDC	32 Scan-Lock™ with varying rotating flash rates Includes cruise light	12 24 available
R316*M	magnetic						
R316*V	magnetic/suction						
R316**F	permanent	split color front/rear	color				
R316**M	magnetic						
R316**V	magnetic/suction						
R416*F	permanent	single	color				
R416*M	magnetic						
R416*V	magnetic/suction						
R416**F	permanent	split color front/rear	Clear				
R416**M	magnetic						
R416**V	magnetic/suction						

Replace symbol* in model number with desired color. A = Amber, C = White.

Model No.	Option Description
BBKT20	stainless steel shelf mount bracket
MIRROR20	stainless steel West Coast mirror mount bracket
RPHOTO	photocell for Hi/Low power
L360BGB	branch guard kit for R316
L40BG	branch guard kit for R416

Model No.	Replacement Dome
R316	68-2984063-*0
R416	68-2986501-*0

* Use 1 for Amber, 3 for Clear

Mounting

R316

4" (102mm) BOLT CIRCLE

3/16" (5mm) D Mounting Holes 3 places equally spaced

7-11/16" (195mm) Dia.

5-5/8" (143mm) BOLT CIRCLE

R416

6" (152mm)

5-15/16" (151mm)

6-7/16" (163mm)

3/8" (10mm) wire hole

1" NPT Pipe Mount

J-Hook Mount .218" Diameter 2 places equally spaced on a 6" B.C.

.218" x .250" Slot 3 places equally spaced on a 5-15/16" B.C.

7-3/16" (183mm)

4" (102mm)

R316

5-1/2" (140mm)

4-7/8" (123mm)

R416

L31 & L32 Series

- ■ **SAE Class 1 Certified (Amber)**
- ■ **L31CA models meet California Title XIII (Amber)**
- ■ **Powder coated die-cast base**
- ■ **Conformal coated electronics for moisture and vibration resistance**
- ■ **Alternately or simultaneously flash multiple patterns (Cross-Link™) with up to 8 Whelen Super-LED 360° beacons (perm mount)**
- ■ **Available in Amber and White**
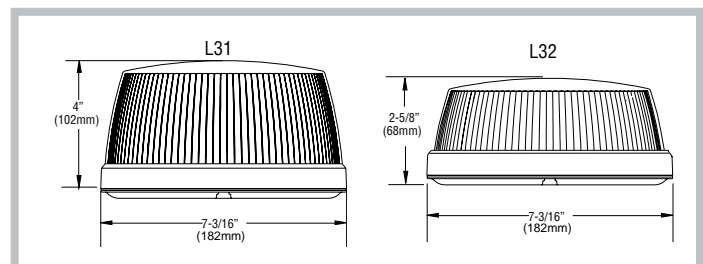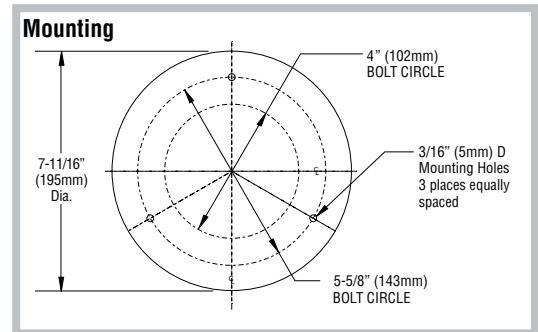- ■ **Five year HDP® Heavy-Duty Professional warranty**

L31HAF

L32LAF
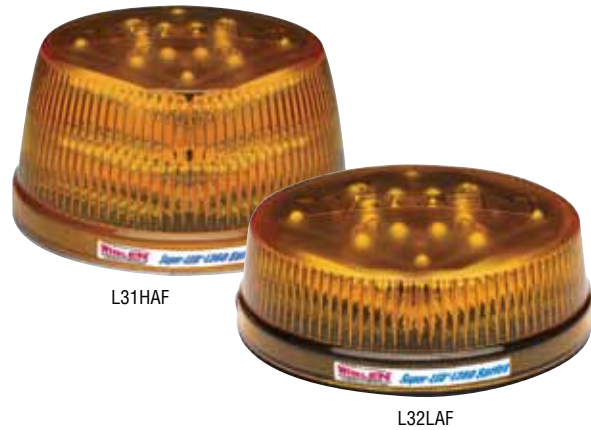
Model No.	Mount	Profile	Base	Amps	FPM	VDC	Control	Certification
L31H*F	permanent	high	die cast aluminum	2 / average 5 / peak	permanent mount 30 built-in Scan-Lock™ flash patterns plus 4 simulated rotating patterns magnetic mount 75 SignalAlert™ only	12	Hi/Low control	SAE Class 1
L31H*M	magnetic						-	
L31H*V	magnetic/suction							
L31HAF4	permanent					24	Hi/Low control	
L31H*FCA	permanent					12		California Title XIII
L31H*MCA	magnetic						-	
L31H*VCA	magnetic/suction							
L32L*F	permanent	low		1 / average 2.5 / peak		12	Hi/Low control	SAE Class 1
L32L*M	magnetic						-	
L32L*V	magnetic/suction							
L32LAF4	permanent					24	Hi/Low control	

Replace symbol* in model number with desired color. A = Amber, C = White

Model No.	Option Description
L360PMKT	1" NPT pipe mount kit for L31/L32
L360BGB	branch guard kit for L31/L32 allows 1" NPT pole mounting
MIRROR20	West Coast mirror mount brackets
BBKT30	stainless steel shelf mount bracket mounts to flat vertical surface

Replacement Dome
68-2984063-*0 (high)
68-2984099-*0 (low)

* Use 1 for Amber, 3 for Clear

BBKT30
flat vertical surface mounting bracket

MIRROR20
mirror mount brackets

Mounting

4" (102mm) BOLT CIRCLE

7-11/16" (195mm) Dia.

3/16" (5mm) D Mounting Holes 3 places equally spaced

5-5/8" (143mm) BOLT CIRCLE

L31

4" (102mm)

7-3/16" (182mm)

L32

2-5/8" (68mm)

7-3/16" (182mm)

L41 Series

- **SAE Class 1 Certified (Amber)**
- **Meets FAA Advisory Circular No. AC 150/5210-5D**
- **Medium profile, smooth polycarbonate outer dome**
- **Fully encapsulated for moisture, vibration and corrosion resistance**
- **Available in permanent, magnetic and magnetic/suction mounts**
- **Virtually no RFI/EMI radiation**
- **Available in Amber and White**
- **Five year HDP® Heavy-Duty Professional warranty**

L41AP

Model No.	Mount	Base	Amps	FPM	VDC	Control
L41*P	permanent	cast aluminum powder coated	1.5 peak/0.6 avg. 12 V	75 SignalAlert™ default 25 total selectable including steady-burn	12/24	photocell Hi/Low on permanent mount only
L41*M	magnetic		.75 peak/0.3 avg. 24V			contact factory
L41*V	magnetic/suction					

Replace symbol* in model number with desired color. A = Amber, C = White

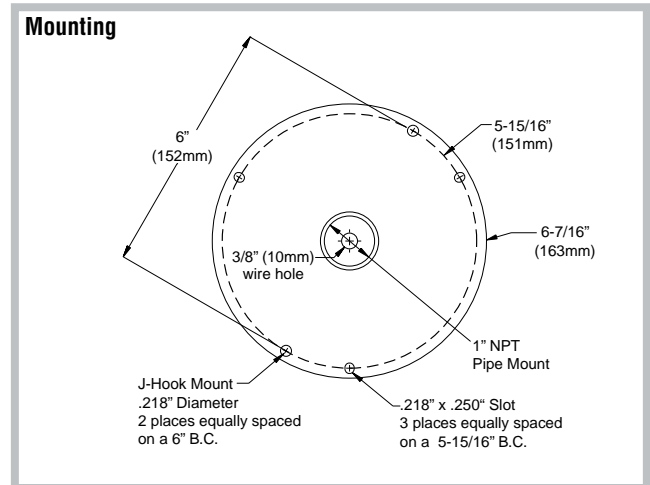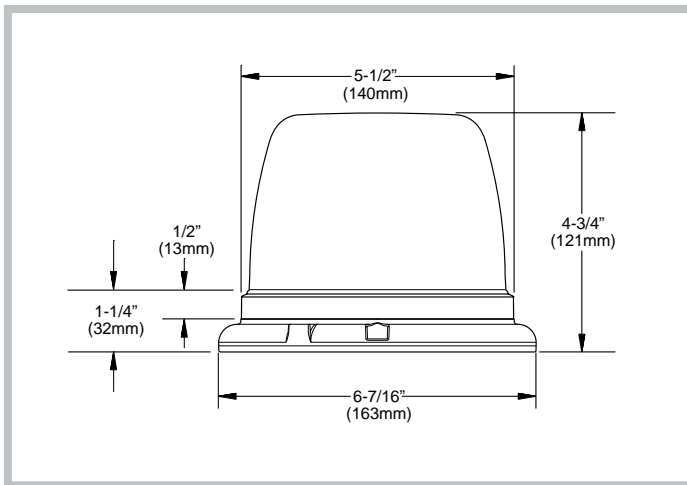| Model No.	Option Description
BBKT20	stainless steel shelf mount bracket mounts to flat vertical surface
MIRROR20	West Coast mirror mount brackets
L40BG	branch guard

Replacement Dome
68-2986501-*0

* Use 1 for Amber, 3 for Clear

MIRROR20
West coast mirror mount brackets mounts directly on existing mirror brackets

L40BG branch guard.

5-1/2" (140mm)
4-3/4" (121mm)
1/2" (13mm)
1-1/4" (32mm)
6-7/16" (163mm)

Mounting

6" (152mm)
5-15/16" (151mm)
3/8" (10mm) wire hole
6-7/16" (163mm)
1" NPT Pipe Mount
J-Hook Mount .218" Diameter 2 places equally spaced on a 6" B.C.
.218" x .250" Slot 3 places equally spaced on a 5-15/16" B.C.

Super-LED® Beacons

L10 Series

- **SAE Class 1 Certified (Amber)**
- **High and low dome models**
- **Available in permanent, magnetic and magnetic/suction mounts**
- **Virtually no RFI/EMI radiation**
- **DUO™ technology features different color LEDs in the same module allowing individual control of each color**
- **Available in Amber and White and DUO Amber/White and Amber/Blue**
- **Five year HDP® Heavy-Duty Professional warranty**

L10LAP   L10HFP

Model No.	Mount	Profile	Base	Amps	FPM	VDC	Color	Class
L10H#P	permanent/pipe/hook	high	polycarbonate	1.0 / peak 0.4/ avg.	24 Scan-Lock™ flash patterns and synchronize feature	12	DUO	Class 1
L10L#P		low						
L10H*P		high			75 SignalAlert™ default pattern 18 flash patterns available		Amber for other colors, contact factory	
L10H*P4						24		
L10H*M	magnetic					12		
L10H*V	magnetic/suction							
L10L*P	permanent/pipe/hook	low				12	Amber for other colors, contact factory	
L10L*P4						24		
L10L*M	magnetic					12		
L10L*V	magnetic/suction							

Replace symbol* in model number with desired color. A=Amber, C=White   Replace # in model number with desired DUO color. F=Amber/White, M=Amber/Blue

Model No.	Option Description
MIRROR20	West Coast mirror mount bracket
BGH	branch guard, high dome
BGL	branch guard, low dome
BBKT20	stainless steel shelf mount bracket, mounts to flat vertical surface
MMK	90 lb. pull magnetic mount kit with 8' straight cord and plug
LSK	single lighted switch (15 amp rated), mounted on bracket, wired and fused

MIRROR20 West coast mirror mount brackets mount directly on existing mirror brackets

BGH branch guard

Model No.	Replacement Dome
DH2000*	high dome
DL2000*	low dome

*Use A for Amber, C for Clear

MMK magnetic mount kit

LSK lighted switch

Mounting

5-15/16" (151mm) Dia.

6-7/16" (163mm) Dia.

Mounting Holes For #10 Screws 3 Places Equally Spaced

low dome

4-13/16" (125mm)

6-7/16" (163mm)

high dome

6-13/16" (172mm)

6-7/16" (163mm)
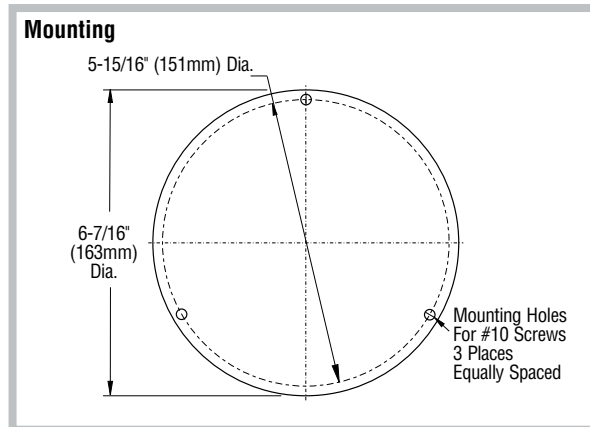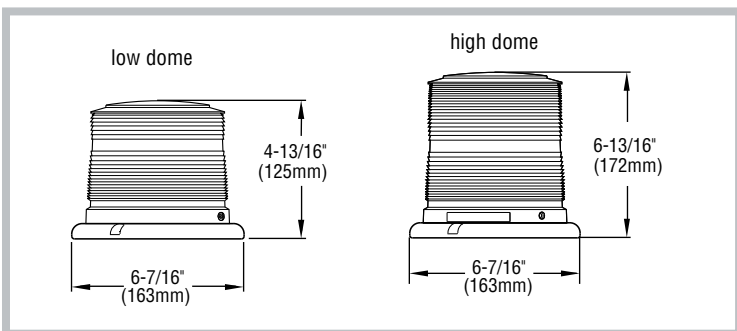
L21 & L22 Series

- **L21 is SAE Class 1 Certified (Amber)**
  L22 is SAE Class 2 Certified (Amber)
- **Fully encapsulated for moisture, vibration and corrosion resistance**
- **Available in combination, magnetic and magnetic/suction mounts**
- **Virtually no RFI/EMI radiation**
- **Available in Amber and White**
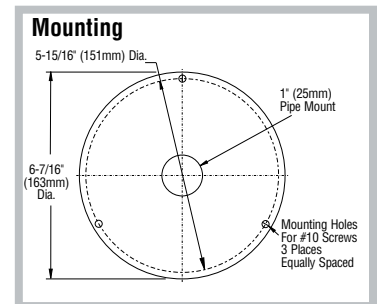- **Five year HDP® Heavy-Duty Professional warranty**

Note: L21 & L22 magnetic and magnetic/suction mounts do not include synchronization or pattern control capabilities.

L22HAP

L21LAM

Model No.	Mount	Profile	Base	Amps	FPM	SYNC.	VDC	Colors	SAE
L21H*P	combination	high	poly-carbonate	1.5 / peak 0.60 / average 12 VDC	25 Scan-Lock patterns including steady-burn	yes	12	Amber & White	J845 Class 1 360° (Amber)
L21H*M	magnetic					-			
L21H*V	magnetic/suction					-			
L21H*P4	combination					yes	24		
L21L*P	combination	low		0.75 / peak 0.30 / average 24 VDC		yes	12		
L21L*M	magnetic					-			
L21L*V	magnetic/suction					-			
L21L*P4	combination					yes	24		
L22H*P	combination	high	poly-carbonate	0.65 / peak 0.26 / average 12 VDC	25 Scan-Lock patterns including steady-burn	yes	12	Amber & White	J845 Class 2 360° (Amber)
L22H*M	magnetic					-			
L22H*V	magnetic/suction					-			
L22H*P4	combination					yes	24		
L22L*P	combination	low		0.32 / peak 0.13 / average 24 VDC		yes	12		
L22L*M	magnetic					-			
L22L*V	magnetic/suction					-			
L22L*P4	combination					yes	24		

Replace symbol* in model number with desired color. A=Amber, C=White

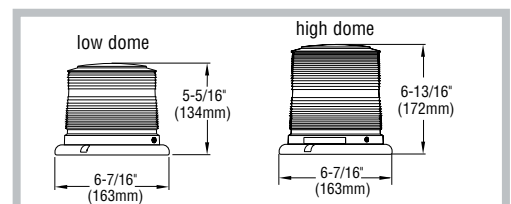| Model No.	Option Description
BBKT20	stainless steel shelf mount bracket mounts to flat vertical surface
MIRROR20	West Coast mirror mount brackets
MMK	magnetic kit with 8' cord & plug
BGH	branch guard, high dome
BGL	branch guard, low dome
LSK	lighted switch kit mounted on bracket, wired & fused

Fully **ENCAPSULATED** electronics

Mounting

5-15/16" (151mm) Dia.
1" (25mm) Pipe Mount
6-7/16" (163mm) Dia.
Mounting Holes For #10 Screws 3 Places Equally Spaced

Replacement Dome	
DH2000*	(High)
DL2000*	(Low)

*Use A for Amber, C for Clear

BBKT20 flat vertical surface mounting bracket

MIRROR20 West Coast mirror mount brackets mount directly on existing mirror brackets

low dome
5-5/16" (134mm)
6-7/16" (163mm)

high dome
6-13/16" (172mm)
6-7/16" (163mm)

Super-LED® Beacons　　　　WHELEN

L50 Series

- **SAE Class 1 Certified (L51 Series)**
- **SAE Class 3 Certified (L53 Series)**
- **Twist-off polycarbonate dome**
- **Available in permanent and magnetic mount**
- **L51 available in Amber and White**
- **L53 available in Amber**
- **Five year HDP® Heavy-Duty Professional warranty**

L51AP

L51AM

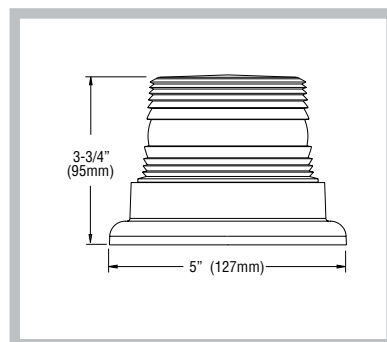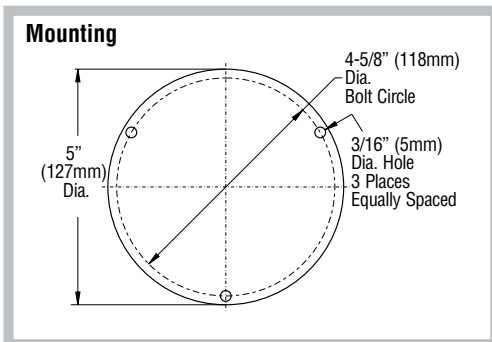| Model No.	Mount	Base	Amps	VDC	FPM	Encap-sulated	Colors	SAE
L51*P	permanent	polycarbonate	1.5 / peak 0.6 / avg	12	15 Scan-Lock™	yes	Amber & White	Class 1
L51*M	magnetic							
L53AP	permanent		0.4 / peak 0.16 / avg		75 SignalAlert only	-	Amber only	Class 3 (Amber)
L53AM	magnetic							

Replace symbol* in model number with desired color. A = Amber, C = White

Model No.	Option Description
MIRROR15	West Coast mirror mount bracket
BBKT15	stainless steel shelf mount bracket mounts to flat vertical surface

BBKT15

Replacement Dome
D1500*

* Use 1 for Amber, 3 for Clear

Mounting

4-5/8" (118mm) Dia. Bolt Circle

5" (127mm) Dia.

3/16" (5mm) Dia. Hole 3 Places Equally Spaced

3-3/4" (95mm)

5" (127mm)

8

Super-LED® Mid-Level Lighting

WHELEN

SpitFire Plus™

- ■ **SAE Class 1 Certified**
- ■ LINZ6™ Super-LED interior dash and deck light
- ■ Fully encapsulated electronics for moisture, vibration and corrosion resistance
- ■ Includes universal bracket, windshield suction cup mount
- ■ Includes integral hood and 10' cord with cigar plug, On/Off switch with LED "On" indicator and Scan-Lock™ pattern control switch
- ■ **Available in Amber and White**
- ■ **Five year HDP® Heavy-Duty Professional warranty**

SFP1A

Model No.	Lamp	Amps	VDC	Flash Patterns	Size
SFP1*	LINZ6 Super-LED	0.30/avg 0.75/peak	12	69	1-9/16" (40mm) H x 3-1/2" (89mm) D x 4-3/8" (111mm) L

Replace symbol* in model number with desired color. A = Amber, C = White

SpitFire ION™

- ■ **SAE Class 1 Certified**
- ■ ION Super-LED interior dash and deck light
- ■ Fully encapsulated for moisture, vibration and corrosion resistance
- ■ Includes universal bracket, windshield suction cup mount
- ■ Includes integral hood and 8' straight cord with cigar plug, On/Off switch with LED "On" indicator and Scan-Lock pattern switch
- ■ **Available in Amber and White**
- ■ **Five year HDP Heavy-Duty Professional warranty**

SFIONA

Model No.	Lamp	Amps	VDC	Flash Patterns	Size
SFION*	ION Super-LED	0.40/avg 1/peak	12	25 Scan-Lock™	1-5/8" (41mm) H x 3-3/8" (86mm) D x 5-1/8" (130mm) L

Replace symbol* in model number with desired color. A = Amber, C = White

Avenger™

- ■ **SAE Class 1 Certified**
- ■ Single or dual Linear Super-LED interior light
- ■ Snap-on polycarbonate hood
- ■ Mounts via swivel/bail bracket with three suction cups
- ■ AVN models include 10' cord with cigar plug with On/Off switch and pattern selection switch
- ■ **Available in Amber and White**
- ■ **Five year HDP Heavy-Duty Professional warranty**

AVNS2AA

AVN1A

Model No.	Lamp	Cable	Amps	VDC	Flash Patterns	Size (with shroud)
AVN1*	single	cigar plug	0.40/avg 1/peak	12	27	2" (50mm) H x 5-1/2" (140mm) D x 5" (127mm) L
AVN2**	dual		0.80/avg 2/peak		54	2" (50mm) H x 5-1/2" (140mm) D x 9-3/4" (248mm) L
AVNS1*	single	synchronized with 4 wire pigtail	0.40/avg 1/peak		34	2" (50mm) H x 5-1/2" (140mm) D x 5" (127mm) L
AVNS2**	dual		0.80/avg 2/peak		69	2" (50mm) H x 5-1/2" (140mm) D x 9-3/4" (248mm) L

Replace symbol* in model number with desired color. A = Amber, C = White

Model No.	Option Description
AVNBKT1	low profile mounting bracket for AVN1
AVNBKT2	low profile mounting bracket for AVN2

Model No.	Option Description
AVNBKT3	visor mounting bracket (2 required for dual unit)
AVNBKT4	adjustable height bracket kit for all models

FlatLighter™

- **Visor mount interior light**
- **Includes Velcro mounting straps**
- **Includes 8' straight cord with cigar plug**
- **Available in Amber and White**
- **Five year HDP® Heavy-Duty Professional warranty**

FLLEDAA

Model No.	Lamps	Amps	VDC	Patterns	Size
FLLED**	dual LED	0.8	12	21 flash patterns	4-1/2" (114mm) H x 1-1/4" (32mm) D x 13" (330mm) L

Replace symbol* in model number with desired colors. A = Amber, C = White

SlimLighter™ Super-LED®

- **SAE Class 1 Certified**
- **Super-LED interior light**
- **Swivel bracket for permanent or suction cup mounting included**
- **Includes built-in pattern selection button, 10' straight cord w/ cigar plug and On/Off switch with LED "On" indicator**
- **Available in Amber and White**
- **Five year HDP Heavy-Duty Professional warranty**

SLPMMAA

Model No.	Lamp	Amps	VDC	Flash Patterns	Other
SLPMM**	TIR6™ Super-LED®	0.6/avg 1.5/peak	12	21 Scan-Lock™	2" (52mm) H x 1-3/16" (46mm) D x 16-3/8" (416mm) L

Replace symbol* in model number with desired color. A = Amber, C = White

Slim-Miser™

- **5mm LEDs for interior use**
- **Includes 10' straight cord with cigar plug, On/Off switch and LED "On" indicator**
- **Swivel mount with 3 suction cups securely hold dash light to windshield minimizing flashback**
- **Available in Amber**
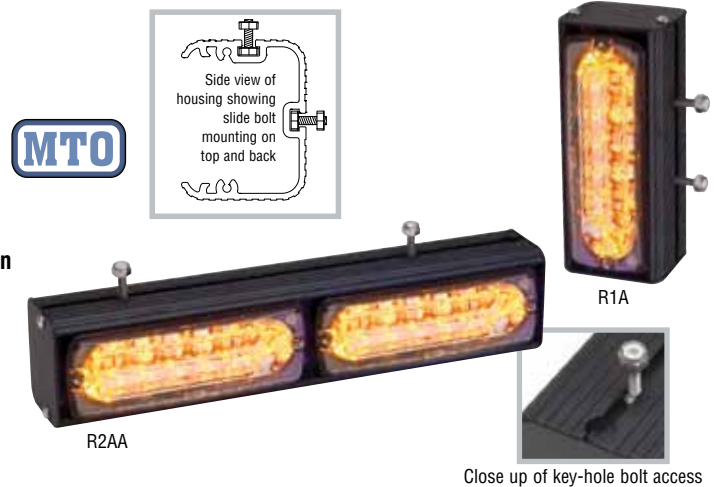- **Five year HDP Heavy-Duty Professional warranty**

SMLLAA

Model No.	Lamp	Amps	VDC	Flash Patterns	Size
SMLLAA	LED	0.10/avg 0.33/peak	12	18 Scan-Lock	1-5/8" (42mm) H x 2-3/4" (70mm) D x 12-7/8" (326mm) L

Super-LED® Mid-Level Lighting

Raider™ Series

- **SAE Class 1 Certified**
- **Interior or exterior use**
- **Pairs of single units may be synchronized to each other or to other Whelen synchronizing products**
- **Dual units are synchronized together. Each lighthead has its own Scan-Lock™ wire for alternate or simultaneous flashing the two lightheads as well as pattern control**
- **Unique slide bolt housing offers versatile mounting, horizontal, vertical or even upside down**
- **Available in Amber and White**
- **Five year HDP® Heavy-Duty Professional warranty**

Side view of housing showing slide bolt mounting on top and back

MTO

R1A

R2AA

Close up of key-hole bolt access

Model No.	Lamps	Amps	VDC	Housing	Cable	FPM	Size
R1*	single 500 Series Linear-LED®	0.16/avg 0.4/peak	12	rugged extruded aluminum	2' 4-C	25 Scan-Lock (seven with phase 1 and phase 2, synchronization, plus eleven other patterns)	2-3/8" (60mm) H x 1-7/8" (48mm) D x 5-1/2" (140mm) L
R2**	dual 500 Series Linear-LEDs	0.32/avg 0.8/peak					2-3/8" (60mm) H x 1-7/8" (48mm) D x 11" (280mm) L

Replace symbol* in model number with desired color. A = Amber, C = White

Dominator™ & Dominator Plus™ Series

- **SAE Class 1 Certified**
- **Low profile surface mount housing designed for interior or exterior use**
- **Choice of TIR3™ or LINZ6™ modules**
- **Fully encapsulated for moisture, vibration and corrosion resistance**
- **Internal self-contained electronics**
- **Slide bolt mount**
- **Available in Amber with White end flashers on eight module units**
- **Five year HDP Heavy-Duty Professional warranty**

TIR3   LINZ6

MTO

DP2AA

DP4AAAA

DP600600

DP800800

Model No.	# of Lamps	Lamp Type	Amps	VDC	Housing	Cable	Connectors	FPM	Size H x D	Length
D2AA	2	TIR3	0.2A/avg 0.44/peak per module	12	rugged extruded aluminum	12" small dia. 4-C #20 AWG	Molex water-proof	7 flash patterns and steady on mode pairs may be synchronized to each other	1-3/16" (35mm) H x 2-3/16" (55mm) D	7" (178mm)
D4AAAA	4									14" (356mm)
D6AAAAAA	6									21" (533mm)
D800800	8									28" (711mm)
DP2AA	2	LINZ6	0.30/avg 0.75/peak per module							7" (178mm)
DP4AAAA	4									14" (356mm)
DP600600	6									21" (533mm)
DP800800	8									28" (711mm)

| Model No.	Option Description
DBKT1	suction cup mount bracket & cigar plug cord kit for D2 series, customer installed
DBKT3	swivel mount bracket kit for D2 & D4 series only, customer installed
DBKT4	"L" angle mounting bracket kit, customer installed
DBKT6	Hatch mount bracket for 2008-2013 Chevy Tahoe, Interior mount, D8 only

Side view of housing showing slide bolt mounting on top and back
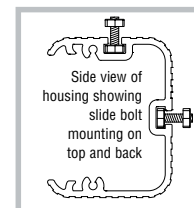
Responder® HD Series

■ **SAE Class 1 Certified (Amber)**
■ **Universal permanent mount version easily retrofits most competitive model footprints**
■ **Permanent bolt mount versions include 6" pigtail; magnetic mount and magnetic/suction versions include: 10' straight cord with cigar plug with LED on indicator, On/Off switch and pattern control switch**
■ **Size: 5-1/8" (130mm) H x 6-5/16" (160mm) D x 17-1/4" (438mm) L**
■ **Available in Amber and White**
■ **Five year HDP® Heavy-Duty Professional warranty**
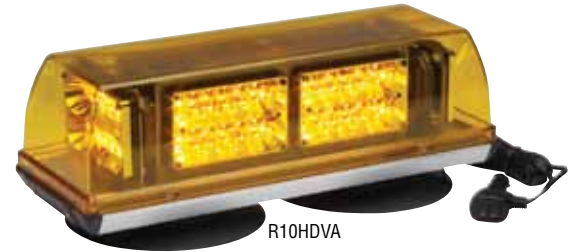
R10HDPA

R10HDVA

Model No.	Tech-nology	Mount	Amps	Light Output	VDC	FPM	Base	SAE
R10HDP*		permanent	9.0 peak 3.6 average	-	12	12 Scan-Lock™	Aluminum	J845 Class 1 (Amber)
R10HDM*	Super-LED	magnetic						
R10HDV*		magnetic/suction				75 SignalAlert™		

Replace symbol* in model number with desired color. A = Amber, C = White

Model No.	Option Description
RDXMM90	90 lb. pull magnet mount kit with cigar plug
INSTLRDX	installation of RDXMM90 (for permanent mount only)

Model	Replacement Dome
R10HD	68-1181893-*0

* Use 1 for Amber, 3 for Clear

Mounting

8-7/8" (225mm)
8-7/8" (225mm)
2.00" (51mm)
12-3/8" (314mm)
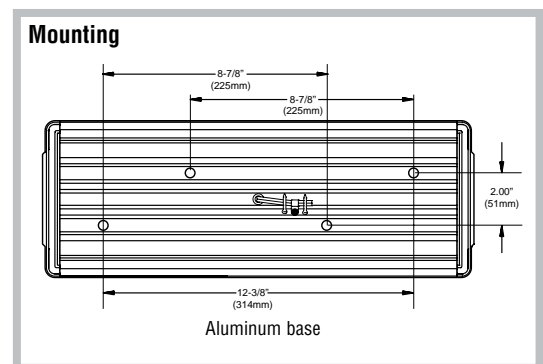
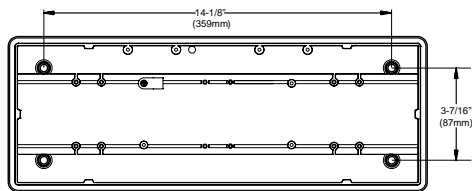Aluminum base

Responder® R1LP Series

- **SAE Class 1 Certified (Amber)**
- **Super-LED low profile conical CON3™ mini lightbar**
- **Polycarbonate dome**
- **Available with extruded aluminum base or polycarbonate base**
- **Available in permanent, magnetic and magnetic/suction mount models**
- **Available in Amber and White and DUO Amber/Blue**
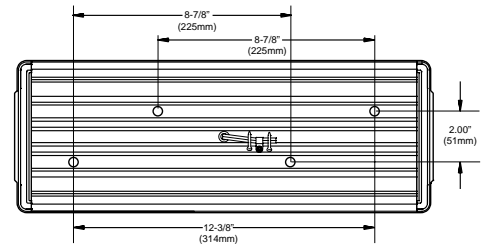- **Five year HDP® Heavy-Duty Professional warranty**

R1LPPA

R1LPVF

Model No.	Technology	Color	Dome Color	Mount	Base	Amps	VDC	FPM	Size
R1LPPA			Amber	permanent					
R1LPPCA			Clear	permanent					
R1LPMA			Amber	magnetic	poly-carbonate				2-7/8" (74mm) H x 6-5/16" (160mm) D x 17" (432mm) L
R1LPMCA			Clear	magnetic					
R1LPVA			Amber	magnetic/suction				30 Scan-Lock™ patterns including 4 simulated rotating patterns (perm mount only) ActionScan™ default for magnetic mount only	
R1LPVCA		Amber	Clear	magnetic/suction		3 peak 1.2 average	12		
R1LPHPA	CON3 Super-LED		Amber	permanent					
R1LPHPCA			Clear	permanent					
R1LPHMA			Amber	magnetic	aluminum				3-1/4" (83mm) H x 6-5/16" (160mm) D x 17" (432mm) L
R1LPHMCA			Clear	magnetic					
R1LPHVA			Amber	magnetic/suction					
R1LPHVCA				magnetic/suction					
R1LPPF			Clear	permanent					
R1LPMF		split color Amber/White	Clear	magnetic	poly-carbonate				2-7/8" (74mm) H x 6-5/16" (160mm) D x 17" (432mm) L
R1LPVF				magnetic/suction					

Mounting

Polycarbonate base

14-1/8" (359mm)

3-7/16" (87mm)

Aluminum base

8-7/8" (225mm)

8-7/8" (225mm)

2.00" (51mm)

12-3/8" (314mm)

Super-LED® Mini Lightbars

WHELEN

Responder® R2LP Series

■ **SAE Class 1 Certified (Amber)**
■ **Super-LED low profile linear LIN6™ mini lightbar**
■ **Polycarbonate dome**
■ **Available with extruded aluminum base or polycarbonate base**
■ **Available in permanent, magnetic and magnetic/suction mount models**
■ **DUO™ technology model has different color LEDs in the same module allowing lightbar to flash different colors**
■ **Available in Amber and White and DUO Amber/Blue**
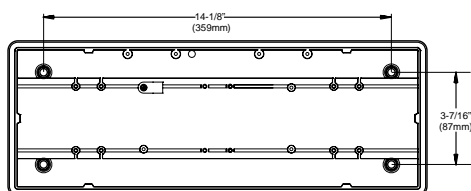■ **Five year HDP® Heavy-Duty Professional warranty**

R2LPHPA

R2LPMCA
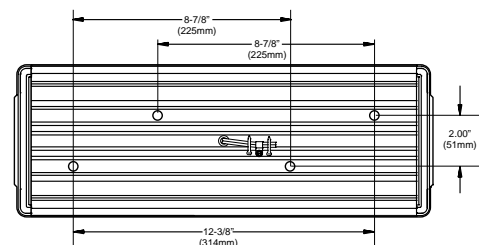
DUO™

RDLPPAB
shown in both
Amber and Blue
DUO modes

Model No.	Technology	Color	Dome Color	Mount	Base	Amps	VDC	FPM	Size
R2LPPA	LIN6 Super-LED	Amber	Amber	permanent	poly-carbonate	6 peak 2.4 average	12 (24V available in R2LPP R2LPM models)	30 Scan-Lock™ patterns including 4 simulated rotating patterns (perm mount only) ActionScan™ default for magnetic mount only	2-7/8" (74mm) H x 6-5/16" (160mm) D x 17" (432mm) L
R2LPPCA			Clear	permanent	poly-carbonate				
R2LPMA			Amber	magnetic	poly-carbonate				
R2LPMCA			Clear	magnetic	poly-carbonate				
R2LPVA			Amber	magnetic/suction	poly-carbonate				
R2LPVCA			Clear	magnetic/suction	poly-carbonate				
R2LPHPA			Amber	permanent	aluminum				3-1/4" (83mm) H x 6-5/16" (160mm) D x 17" (432mm) L
R2LPHPCA			Clear	permanent	aluminum				
R2LPHMA			Amber	magnetic	aluminum				
R2LPHMCA			Clear	magnetic	aluminum				
R2LPHVA			Amber	magnetic/suction	aluminum				
R2LPHVCA			Clear	magnetic/suction	aluminum				
R2LPPF		split color Amber/White	Clear	permanent	poly-carbonate				2-7/8" (74mm) H x 6-5/16" (160mm) D x 17" (432mm) L
R2LPMF				magnetic					
R2LPVF				magnetic/suction					
RDLPPAB	DUO LIN6 Super-LED	DUO Amber/Blue		permanent			12	33 Scan-Lock patterns	

Mounting

Polycarbonate base

14-1/8" (359mm)

3-7/16" (87mm)

Aluminum base

8-7/8" (225mm)
8-7/8" (225mm)
12-3/8" (314mm)
2.00" (51mm)

14

Mini Century™ Series

- **SAE Class 1 Certified**
- **Extruded aluminum base**
- **Standard current switching with Scan-Lock™ flash patterns and pattern override**
- **Low profile with compression fit gasket for superior moisture resistance**
- **Pre-configured lightbars**
- **Available in Amber and White**
- **Five year HDP® Heavy-Duty Professional warranty**

MC11PA

MC11SA

MC16MA

MC23VA

Model No.	Tech-nology	Inboard Modules	Mount	Amps	VDC	FPM	Dome Color	Base	Size
MC11PA	linear Super-LED corners TIR6 Super-LED inboards	2 TIR6™	permanent	3.6 peak 2.2 average	12	17 flash patterns	Amber NOTE: also available with clear domes, Use "CA" suffix or contact factory	extruded aluminum platform	2-1/2" (64mm) H x 7-1/2" (191mm) D x 11" (279mm) L
MC11MA			magnetic						
MC11SA			3/4" (19mm) stud						
MC16PA		4 TIR6	permanent	4.8 peak 3 average					2-1/2" (64mm) H x 7-1/2" (191mm) D x 16" (406mm) L
MC16MA			magnetic						
MC16VA			magnetic/suction						
MC16SA			3/4" (19mm) stud						
MC23PA		8 TIR6	permanent	7.2 peak 4.4 average					2-1/2" (64mm) H x 7-1/2" (191mm) D x 23" (584mm) L
MC23MA			magnetic						
MC23VA			magnetic/suction						
MC23SA			3/4" (19mm) stud						

Mini Justice® Series

- **SAE Class 1 Certified**
- **Super-LED CON3™ modules and Linear Super-LED corners**
- **Permanent models includes 15' cable, magnetic and magnetic/suction mount with 10' cord, cigar plug with On/Off switch with LED "On" indicator, and Scan-Lock flash pattern switch**
- **Low profile, only 2-1/4" high**
- **Available in Amber and White**
- **Five year HDP Heavy-Duty Professional warranty**

MTO

MJYAAAAM
with four optional JDCA
inboard corner modules

Model No.	Tech-nology	Mount	Amps	Light Output	VDC	FPM	Base	Lens	Size
MJY****P	CON3 Super-LED	permanent	4 / peak 1.6 / avg. (4 corners only)	SAE Class 1	12	95 Scan-Lock patterns	extruded aluminum	Clear outer lens	2-1/4" (57mm) H x 12" (304mm) D x 22" (558mm) L
MJY****M		magnetic							
MJY****V		magnetic/suction							

Replace symbol* in model number with desired color. A = Amber, C = White

Model No.	Description
JDC*	one CON3 Super-LED module
JDH*	one LTR3™, Super-LED module. For use with MJTDAL only

Model No.	Description
MJTDALL1	four LR11 Super-LEDs, two steady-burn take downs, and steady-burn alley lights with 15° horizontal adjustment, for permanent models only (Replaces MJTDAL)

WHELEN

Mini Freedom® Series

- **SAE Class 1 Certified**
- **Freedom models can add up to 4 additional inboard Super-LED modules, halogen work lights and alley lights**
- **Available in Amber and White**
- **Five year HDP Heavy-Duty Professional warranty**

MTO

FT8AAAAP
with optional FTDAA

Model No.	Tech-nology	Mount	Amps	VDC	FPM	Base	Lens	Size
FT8****P	linear Super-LED	permanent	4 amps	12	13 Scan-Lock™ with external control	extruded aluminum I-Beam	Clear outer lens	3-3/4" (95mm) H x 12" (304mm) D x 28-1/4" (717mm) L
FT8****M		magnetic			SignalAlert 75			

Replace symbol* in model number with desired color. A = Amber, C = White

Model No.	Option Description
FTALY	two halogen alley lights for perm mount only
FTTD2	two halogen work lights for perm mount only

Model No.	Option Description
FTD**	two 400 Series Linear Super-LED modules
FTD****	four 400 Series Linear Super-LED modules

Mini Freedom Rotating Series

- **SAE Class 1 Certified**
- **100% solid-state Rota-Beam modules give the sweeping effect of a traditional halogen rotator without the mechanical failures and blown bulbs**
- **Color or clear lenses**
- **15' cable standard**
- **Available in Amber and White**
- **Five year HDP Heavy-Duty Professional warranty**

FB8AAAAP
with optional FRBC

MTO

ROTA BEAM

Model No.	Tech-nology	Mount	Amps	VDC	FPM	Base	Lens	Size
FB8****P	rotating Super-LED	permanent standard	4 amps	12	10 flash patterns	extruded aluminum I-Beam	Clear outer lens	3-3/4" (95mm) H x 12" (304mm) D x 28-1/4" (717mm) L
FB8*0*0P	rotating Super-LED forward facing							

Replace symbol* in model number with desired color. A = Amber, C = White

Model No.	Option Description
FRB*	one Rota-Beam module for inboard, front or rear
FRALF1	two LR11 Super-LED alley lights with 15° horizontal adjustment

Model No.	Option Description
FRALF1D	two dual LR11 Super-LED alley lights with 15° horizontal adjustment
FRTLS1	two LR11 Super-LED work lights with 15° horizontal adjustment
FRTLS1D	two dual LR11 Super-LED work lights with 15° horizontal adjustment

Mini Liberty™ II Series

■ **SAE Class 1 Certified**
■ **Permanent mount includes low profile mounting kit**
■ **Permanent mount includes 15' cable**
■ **Magnetic mount includes 90 lb. pull magnets**
■ **Magnetic and magnetic/suction mounts include 10' cord, cigar plug with On/Off switch with LED "On" indicator, and flash pattern switch**
■ **Clear outer lenses standard (optional color lenses available)**
■ **Available in Amber and White**
■ **Five year HDP® Heavy-Duty Professional warranty**

IT9AAAAP
shown with optional
inboard modules

MTO

Model No.	Technology	Mount	Amps	VDC	FPM	Base	Size
IT9****P		permanent	4.0 peak 1.6 average	12	58 Scan-Lock™ patterns	extruded aluminum	2-13/16" (71mm) H x 11-5/16" (287mm) D x 19-6/16" (490mm) L
IT9****M	linear Super-LED	magnetic					
IT9****V		magnetic/suction					

Replace symbol* in model number with desired color. A = Amber, C = White

Model No.	Option Description
IWDS*	one short Super-LED single color module
ITTS	two short Super-LED take-down lights, for permanent mount

Model No.	Option Description
ITA	two Super-LED alley lights for permanent mount
ITTSA	two short Super-LED take-down and alley lights for perm mount

Mini Legacy® Series

■ **SAE Class 1 Certified**
■ **Standard permanent mount model provides low power and individual control of front corner, rear corner and optional inboard modules**
■ **One piece UNI-DOME construction with single sealing point**
■ **Permanent mount includes 15' cable**
■ **Magnetic mount includes 90 lb. pull magnets**
■ **Magnetic and magnetic/suction mounts include 10' cord, cigar plug with On/Off switch with LED "On" indicator, and flash pattern switch**
■ **Clear outer lenses standard (optional color lenses available)**
■ **Available in Amber and White**
■ **Five year HDP® Heavy-Duty Professional warranty**

GT9AAAM
shown with optional
inboard modules

MTO

Model No.	Technology	Mount	Amps	VDC	FPM	Base	Size
GT9****P		permanent	3.72 all on 1.86 per alternating sice	12	58 Scan-Lock™ patterns	extruded aluminum	1-5/8" (41mm) H x 11-5/16" (287mm) D x 19-6/16" (490mm) L
GT9****M	linear Super-LED	magnetic					
GT9****V		magnetic/suction					

Replace symbol* in model number with desired color. A = Amber, C = White

Model No.	Option Description
GWDS*	one single color Super-LED module
GTTSA	two Super-LED take-down lights, for permanent mount

Model No.	Option Description
GTA	two Super-LED alley lights for permanent mount
GTTSA	two short Super-LED take-down and alley lights for permanent mount

Super-LED® Lightbars

WHELEN

Legacy® Series

SOLO™ - One level, single color
DUO+™ - One level, single color or two color interleaved

[MTO]

GS8AAAA
shown with optional inboard
modules and work lights

- **SAE Class 1 Certified**
- **High-output linear combo "Multi-Angled" corner modules produce light straight out and to the side**
- **Advanced Thermal Design reduces the stress on LEDs during extended dwell time**
- **One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions**
- **Clear outer lenses standard (optional color lenses available)**
- **Many options available; consult price list and/or WeCad™ software**
- **Available in Amber and White**
- **Five year HDP® Heavy-Duty Professional warranty**

Legacy SOLO Series

- **Competitively priced single color lightbar**
- **Standard switching**
- **Photocell is optional**

Legacy DUO⁺ WeCan® Series

- **All warning lightheads are true DUO+, whether one color or two. Each segment can be operated independently or at the same time, without loss of intensity.**
- **Plug & Play into Whelen or vehicle manufactured controllers**
- **Photocell automatically dims the lightbar at night and still meets SAE Class 1 requirements in low power mode**

Additional models available, contact factory

WeCan models allow for front and rear Traffic Advisor function

Model No.	Tech-nology	Length	Size H x D	Mount	Inboard Lighting	Control	VDC	FPM	Base	Lenses
GS4****	Legacy SOLO with 4 single color Liner-LED corner modules	43-1/4" (110cm)	2-13/16" (71mm) H x 11-5/16" (287mm) D	permanent MKEZ7 adjustable MKAJ available	Linear-LED® modules in pairs (up to 12 optional modules)	front/rear & all bar control	12	58 Scan-Lock patterns	extruded aluminum top and base	Clear outer standard color lenses available
GS8****		48" (122cm)								
GS2****		53-3/4" (136cm)								
GB4****	Legacy DUO+ with 4 interleaved-Liner-LED corner modules	43-1/4" (110cm)								
GB4####										
GB8****		48" (122cm)								
GB8####										
GB2****		53-3/4" (136cm)								
GB2####										

Replace symbol* in model number with desired color. A = Amber, C = White
Replace synbol # in model number with split color desired. F = Amber/White, M = Blue/Amber

Note: All lightbars require a Lightbar WeCad form with order. The Lightbar WeCad Program allows customers to describe the details of a lightbar. Lightbar WeCad will display all possible options and mounting kits for a given lightbar and the current list price for those options.

WHELEN

MTO

Liberty™ II Solo™ Series

- ■ **SAE Class 1 Certified**
- ■ **Low current, one level single color lightbar**
- ■ **Advanced Thermal Design reduces the stress on LEDs during extended dwell time**
- ■ **Each model has one or two sealing points, assuring lightbar integrity in all weather conditions**
- ■ **15' passenger side exit cable**
- ■ **Many options available; consult price list and/or WeCad software**
- ■ **Available in Amber and White**
- ■ **Five year HDP® Heavy-Duty Professional warranty**

IX8AAAA
shown with optional inboard
modules and work lights

Additional models available, contact factory
WeCan models allow for front and rear Traffic Advisor function

Model No.	Tech-nology	Length	Size H x D	Mount	Inboard Lighting	Control	VDC	FPM	Base	Lenses
IX4****		43-1/4" (110cm)								
IX8****		48" (122cm)		permanent MKEZ7	Linear-LED® modules in pairs (up to 12 optional modules)	front/rear & all bar control	12	58 Scan-Lock™ patterns	extruded aluminum top and base	Clear outer standard color lenses available
IX2****	4 Liner-LED corner modules	53-3/4" (136cm)	2-13/16" (71mm) H x 11-5/16" (287mm) D	Adjustable mount MKAJ available						
IG8****		48" (122cm)								
IG2****		53-3/4" (136cm)								

Replace symbol* in model number with desired color. A = Amber, C = White

Note: All lightbars require a Lightbar WeCad form with order. The Lightbar WeCad Program allows customers to describe the details of a lightbar. Lightbar WeCad will display all possible options and mounting kits for a given lightbar and the current list price for those options.

See Page 59 for Power Control Centers and Switches

Freedom® Series

- **SAE Class 1 Certified**
- **Add up to 12 optional Linear Super-LED directional modules**
- **15' passenger side cable, optional 25' driver side exit**
- **Many options available; consult price list and/or WeCad™ software**
- **Available in Amber and White**
- **Five year HDP® Heavy-Duty Professional warranty**
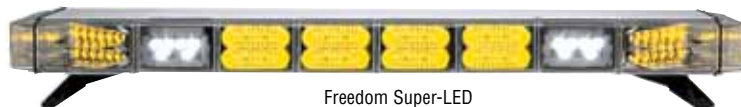
Freedom Super-LED
shown with available options

Model No.	Tech-nology	Length	Size H x D	Lighting	Mount	Amps	VDC	FPM	Base	Lenses
FL4****		44-3/8" (113cm)		standard corner modules	MKEZ7 permanent	4 / peak 1.6 / average		75 SignalAlert™ per head (default pattern) 21 Scan-Lock™ patterns	heavy-duty extruded aluminum I-Beam	Clear outer standard, optional color available
FL8****		49-3/4" (126cm)	3-3/4" (95mm) H x 10" (254mm) D				12			
FL2****	Linear Super-LED	55-1/8" (140cm)			Adjustable mount MKAJ available					
FX4****		44-3/8" (113cm)		extended corner modules		4.92 / peak 1.97 / average				
FX8****		49-3/4" (126cm)								
FX2****		55-1/8" (140cm)								

Replace symbol* in model number with desired color. A = Amber, C = White

Freedom Rota-Beam™ Series

- **SAE Class 1 Certified**
- **Models include four half corner LED modules, multiple inboard options available**
- **100% solid-state electronics**
- **Standard switching**
- **20' passenger side cable**
- **Many options available; consult price list and/or WeCad software**
- **Available in Amber and White**
- **Five year HDP Heavy-Duty Professional warranty**

Freedom Rotating Super-LED
shown with available options

Model No.	Tech-nology	Length	Size H x D	Lighting	Mount	Amps per rotator	VDC	FPM	Base	Lenses
FR4****		44-3/8" (113cm)		half module rotating	MKEZ7 permanent	1.3A / peak .6 / average		multiple Scan-Lock flash patterns, some with varying flash rates	heavy-duty extruded aluminum I-Beam	hard-coated Clear outer standard, optional color available
FR8****		49-3/4" (126cm)	3-3/4" (95mm) H x 12" (304mm) D				12			
FR2****	rotating Super-LED	55-1/8" (140cm)			Adjustable mount MKAJ available					
FR0****		60" (152cm)								
FR7****		72" (183cm)								

Replace symbol* in model number with desired color. A = Amber, C = White

Note: All lightbars require a Lightbar WeCad form with order. The Lightbar WeCad Program allows customers to describe the details of a lightbar. Lightbar WeCad will display all possible options and mounting kits for a lightbar and the current list price for those options.

Justice® Series

MTO

- **SAE Class 1 Certified**
- CON3™ directional modules have removable optic spreading filter
- Center section available with single Linear6™, CON3 or two LTR3™ modules (for split color center section)
- Front, rear and all bar operation control
- Easily upgraded or service in the field
- 15' passenger side exit cable
- Optional Scan-Lock™ flash patterns, low power operation and pattern override feature
- Many options available, consult price list and/or WeCad™ software
- Available in Amber and White
- Five year HDP® Heavy-Duty Professional warranty

Justice
shown with optional inboard
modules and work lights

Model No.	Tech-nology	Length	Size H x D	Mount	Inboard Lighting	Control	VDC	FPM	Base	Lenses
JC4****	4 extended Linear-LED® corners	44" (112cm)	2-1/4" (57mm) H x 12" (304mm) D	permanent MKEZ7 adjustable MKAJ available	optional CON3 modules	front/rear & all bar control	12	multiple flash patterns	Black polycarbonate on extruded aluminum platform	Clear outer standard color lenses available
JC8****		50-1/8" (132cm)								
JC2****		56-1/4" (152cm)								
JE4****	4 standard Linear-LED corners	44" (112cm)								
JE8****		50-1/8" (132cm)								
JE2****		56-1/4" (152cm)								

Replace symbol* in model number with desired color. A = Amber, C = White

Century™ Elite Series

MTO

- **SAE Class 1 Certified**
- Extruded aluminum platform
- Standard low current switching with multiple Scan-Lock™ flash patterns and pattern override feature
- Compression fit gaskets provide moisture resistance
- Clip-Lock™ system allows easy access to lightbar for service or upgrade
- Many options available, consult price list and/or WeCad™ software
- Available in Amber and White
- Five year HDP® Heavy-Duty Professional warranty

CE4AAAA
shown with optional work lights

Model No.	Tech-nology	Length	Size H x D	Mount	Inboard Lighting	Control	VDC	FPM	Base	Lenses
CE4****	4 extended Linear-LED® corners	44" (112cm)	2-1/4" (57mm) H x 8" (207mm) D	permanent MKEZ7 adjustable MKAJ available	optional LIN12™ modules	front/rear & all bar control	12	multiple flash patterns	extruded aluminum platform	Clear outer standard color lenses available
CE8****		50" (132cm)								

Replace symbol* in model number with desired color. A = Amber, C = White

Note: All lightbars require a Lightbar WeCad form with order. The Lightbar WeCad Program allows customers to describe the details of a lightbar. Lightbar WeCad will display all possible options and mounting kits for a lightbar and the current list price for those options.

Super-LED® Lightbars

Towman's™ Series

- **SAE Class 1 Certified**
- Front/rear warning lights are separately controlled
- Includes rear facing LED brake/tail/turn signals
- Many options available, consult price list and/or WeCad™ software
- Available in Amber with Red brakelights
- Five year HDP® Heavy-Duty Professional warranty

MTO
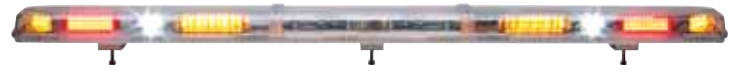
Century / CW0BAAA

Freedom / FL0TAAAA with optional FLETAA

Justice / JF0BAAAA

Model No.	Series	Length	Size H x D	Lighting	Inboard Warning Lights	Mount	VDC	FPM	Base	Lenses
CW0BAAA	Century	60" (154cm)	2-1/4" (57mm) H x 12" (304mm) D	4 Linear-LED corners 2 Super-LED work lights, 2 LED brake/tail/turn lights	4 Amber Linear-LEDs (2front/2rear)	3 adjustable slide bolts	12	Action-Scan™	extruded aluminum I-Beam	color lenses standard
FL0TAAAA	Freedom™		3-3/4" (95mm) H x 10" (254mm) D	4 bi-level Linear-LED corners 2 halogen work lights, 2 LED brake/tail/turn lights	optional (add up to 12 linear lightheads in pairs)			75 Signal-Alert™	extruded aluminum I-Beam	Clear outer standard, color available
JF0TAAAA	Justice	62-3/8" (158cm)	2-1/4" (57mm) H x 12" (304mm) D	4 Linear-LED corners 2 Super-LED work lights, 2 LED brake/tail/turn lights	optional*	3 adjustable slide bolts		Action-Scan	Black polycarbonate base on extruded aluminum platform	
JF0BAAAA					6 Amber CON3*					
JF0DAAAA					5 Amber CON3* & Traffic Advisor™					
JF0FAAA					16 Amber CON3s & B/T/T					

* Note: Can also add options

Century Options	
Model	**Description**
CEDLXA	one LIN12, Amber
CDT6A	one TIR6, Amber

Freedom Options	
Model	**Description**
FLDSCBL	driver side cable exit
FLETAA	two single level TIR style lightheads, factory installed, Amber
FLETKAA	two single level TIR style lightheads, customer installed, Amber
DELFLTBT	delete brake/tail/turn lights
DELFLWL	delete work lights

Justice Options	
Model	**Description**
JDC*	one CON3

Replace asterisk in model number with desired color.
A = Amber, R = Red, B = Blue

WHELEN

Inner Edge® XLP Series

MTO

- **SAE Class 1 Certified**
- **Extra Low Profile full featured interior lightbar designed to blend with vehicles existing interior**
- **Available in 3-LED™ and 6-LED™ DUO™ models**
- **DUO technology features different color LEDs in the same module allowing individual control of each color**
- **Easy installation to visor anchor points**
- **Requires customer supplied switches or control head, purchased separately**
- **3-LED models have additional TIR3™ and LIN3™ lens supplied to customize light dispersion**
- **Available in Amber and White**
- **Five year HDP® Heavy-Duty Professional warranty**

IX34UFX
3-LED

IW41UFX
6-LED shown in
White work light mode
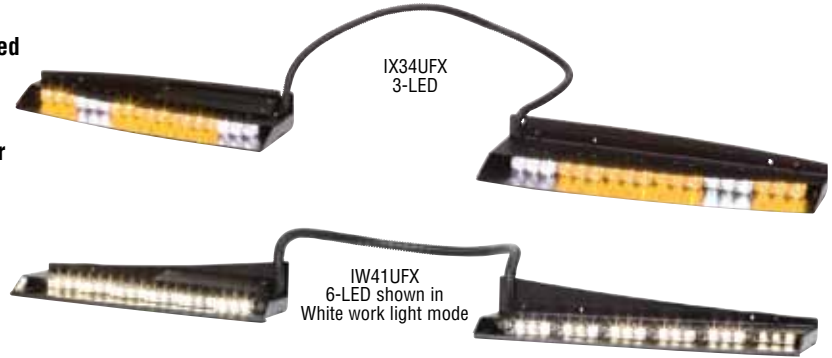
MODELS - DESCRIPTIONS - LAMP TYPE	Chevrolet		Dodge		Ford			
	Suburban/Tahoe 2015 Silverado 1500/2500 2014-2015	Suburban/Tahoe 2008-2014 Silverado 1500/2500 2008-2013	Dodge Ram 2011-2015	Dodge Durango 2013-2015	Explorer 2011-2015 Utility Interceptor 2013-2015	F150 2012-2014	F250/F350 2012-2015	Expedition 2013-2014
UPPER FRONT SERIES - 3-LED								
Five lamp, upper front passenger side unit only, with one LED flashing/work light	IX45UF5P	IX13UF5P	IX42UF5P	IX44UF5P	IX34UF5P	IX41UF4P	IX39UF5P	IX08UF5P
Six lamps, upper front passenger side unit only (no work light)	IX45UF6P	IX13UF6P	IX42UF6P	IX44UF6P	IX34UF6P	IX41UF5P	IX39UF6P	IX08UF6P
Ten lamps, upper front two piece unit, individual driver and passenger side units, with two LED flashing/work lights	IX45UFZ	IX13UFZ	IX42UFZ	IX44UFZ	IX34UFZ	IX41UFZ	IX39UFZ	IX08UFZ
Twelve lamps, upper front two piece unit, individual driver and passenger side units (no work lights)	IX45UFX	IX13UFX	IX42UFX	IX44UFX	IX34UFX	IX41UFX	IX39UFX	IX08UFX
DUO 6-LED UPPER FRONT SERIES - WeCAN™								
Six 6-LED DUO lamps, upper front passenger side unit only	IW45UF6P	IW13UF6P	IW42UF6P	IW44UF6P	IW34UF6P	IW41UF6P	IW39UF6P	IW08UF6P
Twelve 6-LED DUO lamps, upper front two piece unit, individual driver and passenger side units	IW45UFX	IW13UFX	IW42UFX	IW44UFX	IW34UFX	IW41UFX	IW39UFX	IW08UFX
DUO 6-LED UPPER FRONT SERIES - LOW CURRENT								
Six 6-LED DUO lamps, upper front passenger side unit only	ID45UF6P	ID13UF6P	ID42UF6P	ID44UF6P	ID34UF6P	ID41UF6P	ID39UF6P	ID08UF6P
Twelve 6-LED DUO lamps, upper front two piece unit, individual driver and passenger side units	ID45UFX	ID13UFX	ID42UFX	ID44UFX	ID34UFX	ID41UFX	ID39UFX	ID08UFX

How To Order Light Module Colors

Replace symbol § with number of color LED lightheads desired. No charge with lightbar order. White is DUO default color.
For double digit numbers, use X for 12, and Z for 10

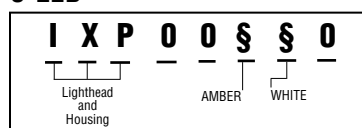**EXAMPLES of model numbers:**
IXP00X00 = 12 Amber lightheads
IWP00600 = 6 Amber lightheads, passenger side
IWD00600 = 6 Amber lightheads, driver side

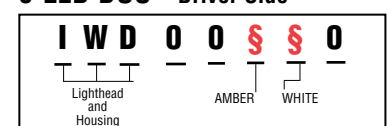**3-LED**
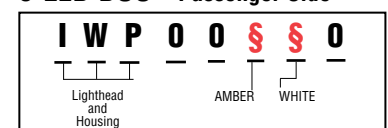
I X P 0 0 § § 0
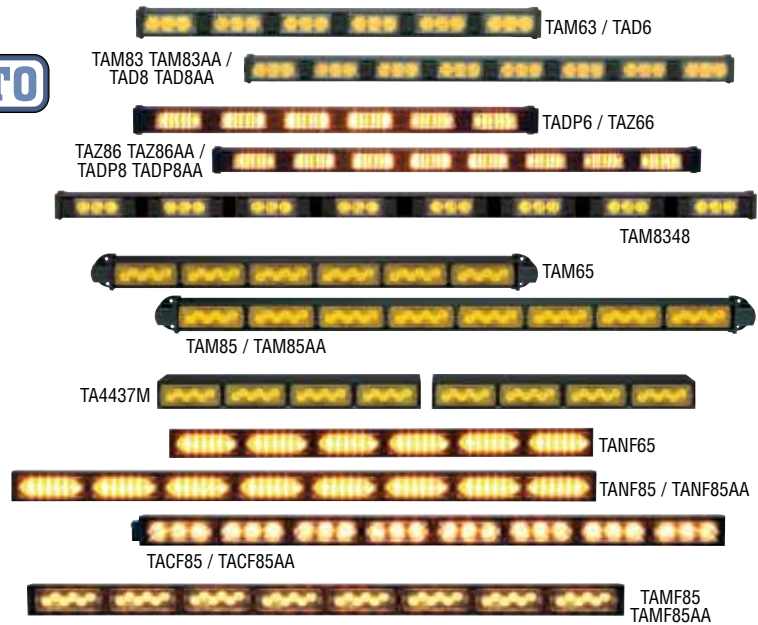Lighthead and Housing   AMBER   WHITE

6-LED DUO - Passenger Side

I W P 0 0 § § 0
Lighthead and Housing   AMBER   WHITE

6-LED DUO - Driver Side

I W D 0 0 § § 0
Lighthead and Housing   AMBER   WHITE

WHELEN

Straight Style

MTO

- ■ **15' cable standard, extra length cables available**
- ■ **Black extruded aluminum housing**
- ■ **LEDs rated for thousands of hours of operation**
- ■ **Includes control head (not TAD models)**
- ■ **Four operating modes; left, right, split & flashing**
  Rear dip switch provides 8 flash pattern choices
- ■ **Interior or exterior applications**
- ■ **Available in Amber**
- ■ **Five year HDP® Heavy-Duty Professional warranty**

TAM63 / TAD6

TAM83 TAM83AA / TAD8 TAD8AA

TADP6 / TAZ66

TAZ86 TAZ86AA / TADP8 TADP8AA

TAM8348

TAM65

TAM85 / TAM85AA

TA4437M

TANF65

TANF85 / TANF85AA

TACF85 / TACF85AA

TAMF85 TAMF85AA

Model No.	Tech-nology	No. of Modules	End Flasher	Mount	Control Head	VDC	Housing	Encap-sulated	Size H x D	Length
TAM63	TIR3™	6	-	surface mount/ slide bolt	TACTLD1 included	12	extreme low profile one piece	yes	1-3/4" (44mm) H x 2-3/16" (55mm) D	23" (58cm)
TAM83		8								30-7/8" (78cm)
TAM83AA			yes							
TAM8348			-							48" (122cm)
TAD6	TIR3 Dominator™ Series	6	-		requires optional TADCTL1 or customer supplied switches					23" (58cm)
TAD8		8	-							30-7/8" (78cm)
TAD8AA			yes							
TADP6	LINZ6™ Dominator Plus™ Series	6	-							23" (58cm)
TADP8		8	-							30-7/8" (78cm)
TADP8AA			yes							
TAZ66	LINZ6	6	-		TACTLD1 included					23" (58cm)
TAZ86		8	-							30-7/8" (78cm)
TAZ86AA			yes							
TAM65	500 Series TIR6™	6	-	surface mount / thru-bolt endcaps			low profile flat style one piece		2-7/8" (73mm) H x 2-1/4" (57mm) D	36" (91cm)
TAM85		8	-							46-7/8" (119cm)
TAM85AA			yes							
TA4437M			-	surface mount/ slide bolt			rectangular split 2 piece		2-1/2" (64mm) H x 4-7/16" (113mm) D	22-3/4" (58cm) each piece
TANF65	500 Series Linear-LED®	6	-				front load rectangular one piece		2-3/8" (60mm) H x 2-3/8" (60mm) D	34" (86cm)
TANF85		8	-							45-1/8" (115cm)
TANF85AA			yes							
TAMF85	TIR6 500 Series	8	-							46-7/8" (119cm)
TAMF85AA			yes							
TACF85	CON3™ front load		-							45-1/8" (115cm)
TACF85AA			yes							

Model No.	Description
TACTLD1	control head only for 6 & 8 lamp LED Traffic Advisor, includes remote flash control and end lamp enable/disable feature
DELTALD1	delete TACTLD1 from 6-8 lamp LED Traffic Advisor
TAWPKT2	waterproof butt splice upgrade kit for 8 lamp Traffic Advisor, factory installed
DBKT6	interior hatch mount bracket for 2008-12 Chevy Tahoe for TAD8, TADP8, TAM83 and TAZ86 only

| Model No.	Description
TADCTL1	control head for TAD/TADP Dominator Traffic Advisor only
TADSW1	On/Off non-lighted SPDT 20 amp switch for TADCTL1 Dominator control head
TADSW2	On/Off/On non-lighted SPDT 20 amp switch for TADCTL1 Dominator control head
TANBKT1	mount for top of vehicle for TACF85 and TANF85 horizontal mount

TACTLD1

TADCTL1

WHELEN

Straight Style

MTO

- **15' cable standard, extra length cables available**
- **Black extruded aluminum housing**
- **Includes control head**
- **Four operating modes; left, right, split & flashing. Rear dip switch provides 8 flash pattern choices**
- **Interior or exterior applications**
- **Available in Amber**
- **LED has five year HDP® Heavy-Duty Professional warranty, halogen has two year warranty** (excludes bulbs)

TAL65

TAL85

TA637A

TA837A

TA870L
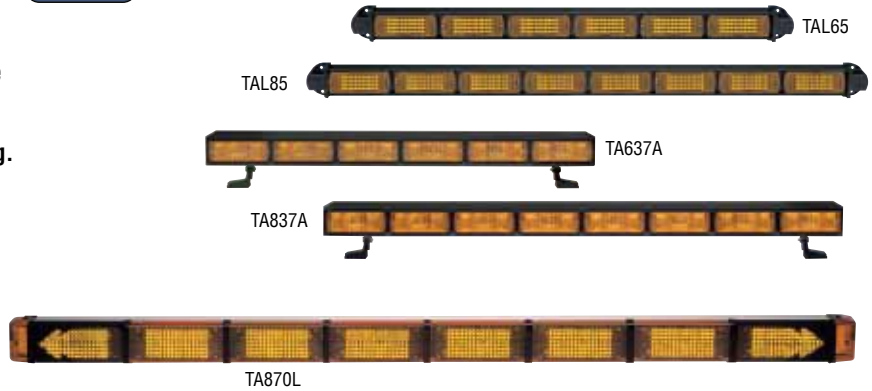
Model No.	Tech-nology	No.of Modules	Mount	Control Head	VDC	Housing	Encap-sulated	Size H x D	Length
TAL65	500 Series 5mm LED	6	surface thru-bolt or integral fasteners on back	TACTLD1	12	low profile flat style one piece	yes	2-7/8" (73mm) H x 2-1/4" (57mm)D	36" (91cm)
TAL85	500 Series 5mm LED	8	surface thru-bolt or integral fasteners on back	TACTLD1	12	low profile flat style one piece	yes	2-7/8" (73mm) H x 2-1/4" (57mm)D	46-7/8" (119cm)
TA637A	500 Series halogen	6	swivel foot	TACTRL1A	12	rectangular one piece	-	2-1/2" (64mm) H x 4-7/16" (113mm) D	33" (84cm)
TA837A	500 Series halogen	8	swivel foot	TACTRL1A	12	rectangular one piece	-	2-1/2" (64mm) H x 4-7/16" (113mm) D	44" (112cm)
TA870L	700 Series 5mm LED	8	slide bolt	TACTLD1	12	large rectangular one piece	yes	3-3/4" (95mm) H x 3-1/2"" (89mm) D	6' (183cm) 7' (213cm) or 8' (244cm) available

Model No.	Option Description
TACTLD1	control head for 6 & 8 lamp LED Traffic Advisor, includes remote flash control and end lamp enable /disable feature
TACTRL1A	control head for 6 & 8 Halogen Traffic Advisor with remote flash control & end lamp enable/disable feature
DELTAC1A	delete TACTALD1 from 6-8 lamp LED Traffic Advisor

Model No.	Halogen Substitue Cables
STAPVC30	30' PVC cable for TA637A & TA837A
STAPVC35	35' PVC cable for TA637A & TA837A
STAPVC40	40' PVC cable for TA637A & TA837A
STAPVC50	50' PVC cable for TA637A & TA837A

Model No.	Halogen Extension Cables
TAPVC15	15' cable for TA637A & TA837A
TAPVC25	25' cable for TA637A & TA837A
TAPVC35	35' cable for TA637A & TA837A
TAPVC50	50' cable for TA637A & TA837A
TATPR20	20' cable for TA870A & TA870L

TACTLD1
TACTRL1A

LED Traffic Advisors™

WHELEN

Arrow Style

- Sixteen lamp versions meet MUTC2009 specifications when mounted on appropriate backboard
- Two piece models have 10' interconnect cable
- Black extruded aluminum housing
- LEDs rated for thousands of hours of operation
- Four operating modes; left, right, split & flashing. Rear dip switch provides 8 flash pattern choices
- Hi/Low intensity control
- Custom cable lengths, contact factory
- Available in Amber
- LED has five year HDP® Heavy-Duty Professional warranty, halogen has two year warranty (excludes bulbs)

TA1252L

MTO

TA1652L

TA8852H

TA1660L
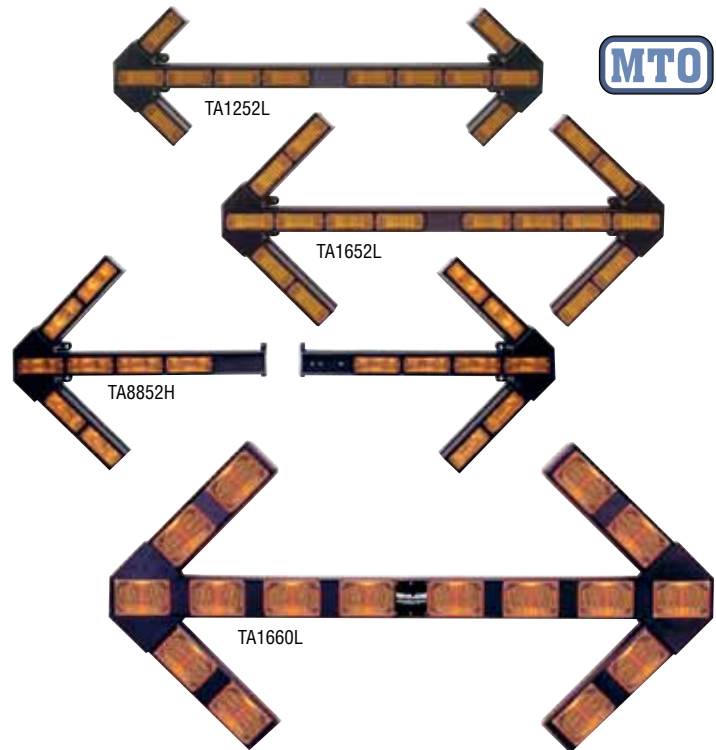
Model No.	Tech-nology	No. of Lamps	Lamp Size	Power Cable	Mount	Control Head	VDC	Housing	Encap-sulated	Size
TA1252L	500 Series 5mm LED	12	5" x 2"	25'	surface mount/ slide bolt	TACTRL3A	12	one piece	yes	16" (406mm) H x 5-1/4" (133mm) D x 48" (122cm) L
TA1652L		16								23-1/4" (590mm) H x 5-1/4" (133mm) D x 48" (122cm) L
TA8852H	500 Series halogen							split 2 piece	-	23" (584mm) H x 5-1/4" (133mm) D x 27-3/4" (704mm) L (each piece)
TA1660L!	600 Series 5mm LED	16	6" x 4"	40'		TACTRL2A		large one piece	yes	36-1/2" (927mm) H x 4" (102mm) D x 5-1/2' (167cm) ,6' (183cm), 7' (213cm) or 8' (244cm) L

! Indicate length desired. 5 foot, 6 foot, 7 foot or 8 foot.

Model No.	Option Description
TACTRL3A	control head only for 16 lamp halogen/LED Traffic Advisor. non diagnostic, meets Federal standards

TACTRL3A

26

M2, M4 & M7 Series

- Patented Linear-LED® designed reflector assembly
- Hard coated lenses minimize environmental damage from the sun, salt and road chemicals
- Surface mounted via two screws allows for easy installation
- Lens and reflector are a sealed assembly
- Built-in flasher models are synchronizable
- Choose solid, left/right, top/bottom, in/out, or diagonal sequencing
- Meets KKK 1822F, NFPA 1901, SAE, EC65 specifications
- Includes California Title XIII compliant flash patterns
- Five-year HDP® Heavy-Duty Professional warranty

M4A with optional Chrome flange

M4VA with optional Chrome flange, shown with side view

M2A with optional grommet mount

M7A with optional Chrome flange

Model No.	Optics	LED Color	Colors	Lens	VDC	Flasher	Patterns	Amps	Certifica-tions	Lighthead Size
M2*	standard warning	single color	A, W	Color	12	built-in	129 Scan-Lock™ including steady-burn	1 / peak .40 / avg	B (R/A/B) C,D (R/A/B)	2-1/2" (64mm) H x 1" (25mm) D x 4" (102mm) L
M2*C				Clear						
M2W*	wide-angle warning			Color						
M2W*C				Clear						
M4*	standard warning			Color		built-in	125 Scan-Lock	1.5 / peak 0.6 /avg	B (A/B/W) C,D (R/A/B)	3-3/8" (86mm) H x 1-3/8" (35mm) D x 5-1/2" (138mm) L
M4*C				Clear						
M4*S				Color		requires flasher purchased separately	-			
M4*CS				Clear						
M4V*	combination warning and perimeter illumination	single color warning, White illumination		Clear		built-in	warning has 25 Scan-Lock	warning 1.0/peak 0.40/avg perimeter 0.50	-	3-3/8" (86mm) H x 1-7/8" (47mm) D x 5-1/2" (138mm) L
M7*	standard warning	single color		Color		built-in	159 Scan-Lock™	2.25 / peak 0.9 / avg	B (R/A/B) C D	3-3/8" (86mm) H x 1-3/8" (35mm) D x 7-5/8" (194mm) L
M7*C				Clear						
M7*S				Color		requires flasher purchased separately	-			
M7*CS				Clear						

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White, R=Red

Option Model No.				Option Description
M2	M4	M4V	M7	
M2FC	M4FC	M4FC	M7FC	Chrome plated flange
M2FB	M4FB	M4FB	M7FB	Black flange
-	M4BRUSH	-	M7BRUSH	Black brush guard
-	M4FC400	M4FC400	M7FC700	Chrome flange, adapts M Series to 400 and 700 Series style lightheads
M2PEDB	-	-	-	Black pedestal mount kit
M2PEDC	-	-	-	Chrome pedestal mount kit
M2GROM	-	-	-	Grommet mount kit
-	M4CT15B	-	-	Fog position light for 2015 Chevy Tahoe, pair, Black

M2FC M2FB M2PEDB M2GROM M4FB M4BRUSH M4FC400 M7FC M7FB M7BRUSH M7FC700

WHELEN
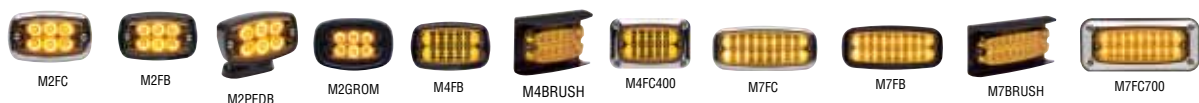
M6 & M9 Series

- Available in warning and warning with perimeter or scenelight models
- Patented Linear-LED® designed reflector assembly
- Hard coated lenses minimize environmental damage from the sun, salt and road chemicals
- Surface mounted via two screws allows for easy installation
- Built-in flasher models are synchronizable
- Choose solid, left/right, top/bottom, in/out, or diagonal sequencing
- Meets KKK 1822F, NFPA 1901, SAE, and EC65 specifications
- Includes California Title XIII compliant flash patterns
- Five-year HDP® Heavy-Duty Professional warranty

M6A with optional chrome flange

M6V2A with optional Chrome flange, shown with side view

M9R with optional Chrome flange

M9V2R with Chrome flange, standard, shown with side view

Model No.	Optics	LED Color	Colors	Lens	VDC	Flasher	Patterns	Amps	Certifications	Lighthead Size
M6*	standard warning	single color	A, W	Color	12	built-in	159 Scan-Lock	2.25 / peak 0.9 / avg	B (R/B) C (R/A/B)	4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L
M6*C				Clear						
M6*S				Color		requires flasher purchased separately	-			
M6*CS				Clear						
M6V2*	combination warning and perimeter illumination	single color warning, White illumination		Color for warning, Clear for illumination		built-in	warning has 25 Scan-Lock	warning 1.5/peak 0.60/avg perimeter 0.77	B (A/B/R) C (A/B/R/W) D (A/B/R/W)	4-5/16" (109mm) H x 2-1/4" (57mm) D x 6-3/4" (170mm) L
M6V2*C				Clear						
M9*	standard warning	single color		Color		built-in	159 Scan-Lock	3/peak 1.2/avg	B (R/B) C (R/A/B) D	6-1/2" (165mm) H x 1-3/8" (35mm) D x 10-3/8" (263mm) L
M9*C				Clear						
M9*S				Color		requires flasher purchased separately	-			
M9*CS				Clear						
M9V2*	combination warning and scenelight (includes chrome flange)	single color warning, White illumination		Color for warning, Clear for illumination		built-in	warning has 25 Scan-Lock	warning 2.4/peak 0.96/avg scenelight 2.4 amps	B (A/B/R) C (A/B/R/W) D (A/B/R/W)	6-1/2" (165mm) H x 2-5/8" (66mm) D x 10-3/8" (263mm) L
M9V2*C				Clear						

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White

Option Model No.				Option Description
M6	M6V2	M9	M9V2	
M6FC	M6FC	M9FC	-	Chrome plated flange
M6FB	M6FB	M9FB	M9FB	Black flange
M6BRUSH	-	M9BRUSH	-	Black brush guard
M6FC600	M6FC600	M9FC900	M9FC900	Chrome flange, adapts M Series to 600 and 900 Series style lightheads
M6P15C	-	-	-	Chrome 15° angled surface mount housing
M6P15B	-	-	-	Black 15° angled surface mount housing
M6FCV2	-	-	-	Chrome flange for two M6 lightheads, vertical (lightheads purchased separately)
M6FCV3	-	-	-	Chrome flange for three M6 lightheads, vertical (lightheads purchased separately)
M6FCV4	-	-	-	Chrome flange for four M6 lightheads, vertical (lightheads purchased separately)

M6FB M6FC600 M6P15C M9FC M9FB M9BRUSH M9FC900

WHELEN

Vertex™ Competitor™ Super-LED®

- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option
- Electronics built into base
- Clear outer lens, color LEDs
- Five year HDP® Heavy-Duty Professional warranty

VTC6A

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	FPM	Amps	Cable	Certification	Size
VTC6*	warning	Super-LED	headlight or taillight surface	A, R, W	12	25 Scan-Lock™	62mA/peak 25mA/avg	6" pigtail	C (A/R/W) M (R/A)	1" (26mm) H x 1-5/8" (41mm) Dia.

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White, R=Red

Option Model No.	Options Description
VTCFC	Chrome plated flange
VTCFB	Black flange

VTCFB   VTCFC

Vertex Super-LED Series

- Self-contained light with in-line lamp driver
- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option
- Fully encapsulated for moisture, vibration and corrosion resistance
- Clear outer lens, color LEDs
- Five year HDP Heavy-Duty Professional warranty

VTX609A   VTX609F   VTXD609*   VTX3609A

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	FPM	Amps	Cable	Certification	Lighthead Size
VTX609*	warning	Super-LED	headlight or taillight surface	A, R, W	12	25 Scan-Lock	.750/peak .30/avg	9'	D	1" (26mm) H x 1-5/8" (41mm) Dia.
VTX609#	split warning									
VTXD609*	warning/side emitting shield									
VTXD609#	split warning/side emitting shield									
VTX3609*	warning/360° side emitter									
VTX3609#	split warning/360° side emitter									

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White, R=Red
Replace symbol# in model number with letter indicating split color desired: F=Amber/White, K=Red/Amber

Option Model No.	Options Description
VTXFC	Chrome plated flange
VTXFB	Black flange

VTXFB   VTXFC

OS™ Series

- Fully encapsulated for moisture, vibration and corrosion resistance
- Steady-burn requires remote flasher
- Clear outer lens, color LEDs
- Five year HDP Heavy-Duty Professional warranty

OSA00FCR   OSR00SCR

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	FPM	Amps	Cable	Certifi-cation	Size
OS*00FCR	warning	LED	surface (includes Chrome flange)	A R W	12	single flash	60mA/peak 30mA/avg	6" pigtail	-	1" (25mm) H x 1/2" (13mm) D x 1-1/2" (48mm) L
OS*00SCR						steady	30mA			

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White, R=Red

Lightheads - Warning

Micro Freedom®

- Designed to be used in pairs
- Heavy-duty extruded aluminum frame with color outer lens
- Optional cable lengths available, contact factory
- Five year HDP® Heavy-Duty Professional warranty

MCFLED2*

Model No.	Lamp Type	Tech-nology	Mount	Color	Lens	VDC	FPM	Amps in mA	Cable	Size
MCFLED2A	warning	Super-LED®	includes bolt	A	Amber	12	75 SignalAlert™ per light module	3.2	12" pigtail	3-3-4" (95mm) H x 10" (254mm) D x 8" (203mm) W

Model No.	Option Description
W441DIN	Deutsch® waterproof connector (3 pins) installed on cable
W442DIN	Deutsch waterproof connector (3 sockets) installed on lighthead

Micron™ Super-LED® Series

- Fully encapsulated for moisture, vibration and corrosion resistance
- Integrate with other Whelen products through synchronize feature
- Five year HDP Heavy-Duty Professional warranty

MCRNSA

Model No.	Lamp Type	Tech-nology	Mount	Color	Housing Color	VDC	Amps	Patterns	Cable	Lighthead Size
MCRNS*	warning single color	Super-LED	surface	R,A, W	Black	12	0.6	25 Scan-Lock™	6" pigtail	7/8" (23mm) H x 7/8" (23mm) D x 4" (102mm) L
MCRNSC*					Chrome					
MCRNS#	split warning			A/W A/B	Black					
MCENSC#					Chrome					

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White, R=Red
Replace symbol # in model number with letter indicating split color desired: E = Blue/White, F= Amber/White

Option Model No.	Options Description
MCRNB1	Black angle "L" mounting bracket

MCRNB1

2G & 5G Series

- SmartLED® design requires no external flasher
- Fits all applicable industry mounting accessories
- Fully encapsulated for moisture, vibration and corrosion resistance
- Optional flange available for surface mounting
- Five year HDP Heavy-Duty Professional warranty

2GA00FAR

5GA00FAR

Model No.	Lamp Type	Tech-nology	Mount	Color	Lens	VDC	FPM	Amps in mA	Cable	Certification	Size
2GA00FAR	warning	LED	recess mount (includes vinyl grommet)	A, R	Amber	12	15 Scan-Lock™ patterns	300/avg 500/peak	12" pigtail	**D** - (Class 1) **C** - (Class 2)	5-1/2" (140mm) Dia. x 1-1/4" (31mm) D (with grommet)
2GA00FCR					Clear						
5GA00FAR					Amber					**C, D** (Class 1 & 2)	3-3/16" (81mm) H x 1-1/4" (38mm) D x 7-7/16" (189mm) L x (with grommet)
5GA00FCR					Clear						

Replace symbol* in model number with letter indicating color desired: A=Amber, R=Red

Option Model No. 2G	Option Model No. 5G	Option Description
2GFLANGC	5GFLANGC	Surface mount Chrome plated flange kit
2GFLANGB	5GFLANGB	Surface mount Black flange kit
2GBKT1	5GBKT1	Black surface mount "L" bracket

2GFLANGC
2GFLANGB
2GBKT1
5GFLANGC
5GFLANGB
5GBKT1

WHELEN

OR™ Series

- ■ Designed for door panel mounting
- ■ Steady-burn requires remote flasher
- ■ Clear outer lens, color LEDs
- ■ Five year HDP® Heavy-Duty Professional warranty

0RA00FCR   0RR00SCR

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	FPM	Amps in mA	Cable	Certifi-cation	Size
0R*00FCR	warning	LED	recess for door panel	A, R	12	single flash	.60/peak .30/avg	6" pigtail	-	3/4" (19mm) H x 1/2" (13mm) D x 3/4" (19mm) L
0R*00SCR						steady	.30			

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White, R=Red

3"Round

- ■ Surface mount
- ■ Ultra thin at only 7/16" (12mm) depth
- ■ Five year HDP® Heavy-Duty Professional warranty

3SA00FAR   3SR00FRR

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps in mA	Patterns	Cable	Certification	Size
3S*00F*R	3" round warning	LED	surface mount	A, R	12	.50 /peak .25 amp/avg	160 FPM	6" pigtail	A, C, D (Class 1, 2 & 3)	3" (76mm)Dia.

Replace symbol* in model number with letter indicating color desired: A=Amber, R=Red

Option Model No.		Options Description
3"	3-1/2"	
3FLANGEC	-	Chrome plated flange
3GROMMET	-	Rubber grommet kit

3GROMMET   3FLANGEC

4" Round Super-LED® Series

Flat Lens

- ■ TIR6™ Super-LED with synchronize feature
- ■ Supplied with adapter for PAR-36 (4-1/2") applications
- ■ Available in Amber and White
- ■ Five year HDP Heavy-Duty Professional warranty

Extended Lens

- ■ LINZ6™ Super-LED with synchronize feature
- ■ Supplied with adapter for PAR-36 (4-1/2") applications
- ■ Optional flasher simultaneously flashes or alternates multiple LED lightheads
- ■ Available in Amber and White
- ■ Five year HDP Heavy-Duty Professional warranty

2FA00ZAR, TIR6, Flat Lens

2EA00ZCR, LINZ6, Extended Lens

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Encap-sulated	Cable	Certification	Size
2F*00Z*R	warning flat lens	TIR6 Super-LED	surface	A, W	12	0.8/max .32/avg	25 Scan-Lock™	yes	6" pigtail	C, D, B (A)	4"-1/4 (108mm) Dia. x 1-3/16" D
2E*00Z*R	warning extended lens	LINZ6 Super-LED	requires optional mounting	A, W		2/peak 0.9 avg	25 Scan-Lock			B (B/R) C, D	4"-1/4 (108mm) Dia. x 2" D

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White

Option Model No.	Options Description
2GROMMET	Rubber grommet kit - not for fog mount lights
2FLANGEC	Chrome flange kit - not for fog
2FLANGEB	Black flange kit - not for fog

2FLANGEC   2FLANGEB   2GROMMET

WHELEN

NEW ION™ T-Series™ Super-LED®

- Extreme low profile, ultra thin lighthead
- Includes Black flange
- Fully encapsulated for moisture, vibration and corrosion resistance
- Integrate with other Whelen products through synchronize feature
- Easily mounts with 3M® VHB tape, included
- Five year HDP® Heavy-Duty Professional warranty

TIONA shown with side view

Model No.	Lamp Type	Tech-nology	Mount	Color	Lens Color	VDC	Amps	Patterns	Cable	Lighthead Size
TION*	warning single color	Super-LED	surface	A, W	Clear	12	0.6/peak 0.24/avg	25 Scan-Lock™	4 wire 6" pigtail	1" (25mm) H x 3/8" (9mm) D x 4-3/16" (122mm) L

Model No.	Option Description
TIONFC	Chrome plated flange

V23 Super-LED V-Series™

- 180° Wide-angle warning
- Polycarbonate construction
- Optional angled flange mount for mounting on a curved body panel of any vehicle
- Five year HDP® Heavy-Duty Professional warranty

V23ATPC

V23CTPB

Side view

Model No.	Lamp Type	Tech-nology	Mount	Color	Housing Color	VDC	Amps	Patterns	Cable	Certifi-cation	Size
V23*TPB	warning	3-in-1 Super-LED	surface includes flange	A, W warning W illumination	Black	12	W = .76 A = .62 P = .12	25 Scan-Lock	6" pigtail	C, D	2-11/16" (68mm) H x 1-1/2" (38mm) D x 4-1/4" (109mm) L
V23*TPC					Chrome						

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White

Model No.	Option Description
V23P20B	Black angled surface mount housing
V23P20C	Chrome angled surface mount housing
V23PEDB	Black pedestal mount
V23PEDC	Chrome plated pedestal mount

V23P20C   V23P20B   V23PEDB   V23PEDC

Strip-Lite™

- Slim rectangular shape offers mounting versatility in tight spaces
- Fully encapsulated for moisture, vibration and corrosion resistance
- Easily surface mounts with two screws
- Low current consumption
- Polycarbonate construction
- Five year HDP Heavy-Duty Professional warranty

PSA00FAR

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthead Size
PS*00F*R	warning	LED	surface	A, W	12	0.675/max 0.27/avg	14 Scan-Lock includes steady-burn	6" pigtail	C	1" (25mm) H x 1-3/8" (35mm) D x 11-1/2" (292mm) L

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White

Model No.	Option Description
PSBKT451	45° mounting bracket
PSBKT1	Guard for use with or without angle bracket

PSBKT1   PSBKT451

WHELEN

ION™ & ION V-Series™

- ■ ION models available in standard or wide-angle
- ■ ION V-Series models available in 3-in-1 combination warning, alley/flood and puddle light or in single color warning only
- ■ Includes steady-burn, alternating and simultaneous patterns
- ■ Integrate with other Whelen products through synchronize feature
- ■ ION DUO™ models feature independent control of interleaved color one and color two
- ■ ION TRIO™ models feature any combinations of interleaved color one, color two and/or color three Color three has steady-burn override
- ■ Black, White or Chrome housing
- ■ Five year HDP® Heavy-Duty Professional warranty

WIONA
Universal Mount

I2F
Universal Mount

DUO

I3MC
Universal Mount

IONWA
Universal Mount

WIONSMCA
Surface Mount

TRIO

IONSV1A
V-Series Warning only Surface Mount

IONSV3A
V-Series Surface Mount

Model No.	Lamp Type	Technology	Mount	Color	Housing Color	VDC	Amps	Patterns	Cable	Certification	Size
ION*	warning			A, W	Black					**B,C,D** (A)	
IONW*					White						
IONM	split warning		split B/A	Black					**C,D** (W)	1" (25mm) H x 1-1/4" (32mm) D x 4" (101mm) L
IONWM		universal		White						
WION*	wide-angle			A, W	Black					**B,C,D** (A/B)	
WIONW*					White						
WIONM	split wide-angle		split B/A	Black					**C,D** (W)	
WIONWM				White						
IONSM*	warning	ION Super-LED		A, W	Black		1/peak 0.40/avg			**B,C,D** (A/B)	
IONSMW*					White						
IONSMC*					Chrome						
IONSMM	split angle		split B/A	Black					**C,D** (W)	1-11/16" (43mm) H x 1-1/8" (28mm) D x 5-15/16" (150mm) L
IONSMWM		surface mount, includes flange		White						
WIONSM*	wide-angle			A, W	Black	12		25 Scan-Lock™	6" pigtail	**B,C,D** (A/B)	
WIONSMW*					White						
WIONSMC*					Chrome					**C,D** (W)	
WIONSMM	split wide-angle		split B/A	Black						
WIONSMWM				White						
IONV3*	3-in 1 lighthead with warning alley, and puddle light		universal	A, W warning with W alley and puddle lighting	Black		Warning lights: 0.765, Alley lights: 0.31, Puddle light: 0.12.				1" (25mm) H x 2-316" (56mm) D x 4-1/16" (104mm) L
IONV3*W		ION V-Series Super-LED			White						
IONSV1*			surface mount, includes flange		Black						1-11/16" (43mm) H x 2" (50mm) D x 5-15/16" (150mm) L
IONSV1*W					White					**C,D**	
IONSV3*					Black						
IONSV3*W					White						
IONSV3*C					Chrome						
IONV1*	single color warning only	ION V-Series with TIR directional lights	universal	A, W	Black		1.147				1" (25mm) H x 2-3/16" (56mm) D x 4-1/16" (104mm) L
IONV1*W					White						
IONSV1*			surface mount, includes flange		Black						1-11/16" (43mm) H x 2" (50mm) D x 5-15/16" (150mm) L
IONSV1*W					White						
IONSV1*C					Chrome						
I2#	warning	DUO	universal	A/W B/A	Black		1/peak 0.4/avg per color	64		**B,C,D** (A)	1" (25mm) H x 1-1/4" (32mm) D x 4" (101mm) L
I3MC		TRIO		B/A/W	Black			25			

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red. Replace symbol # with: F=Amber/White, M=Blue/Amber

Model No.	Option Description
IONK1W	Swivel mount bracket, White
IONK1B	Swivel mount bracket, Black
IONGROM	Grommet mount kit
IONPEDB	Black pedestal mount

Model No.	Option Description
IONPEDC	Chrome plated pedestal mount
IONBKT1	License plate bracket for 2 lights
IONBKT4	Rear hatch bracket for 2013-15 Ford Interceptor Utility for 2 lights
IONBKT5	Universal mount, reversed, remove screws without removing light

IONK1W

IONK1B

IONGROM

IONPEDB

IONPEDC

IONBKT1

IONBKT5

TIR3™, LIN3™, LINZ6™ & LINV2™

- Includes Black polycarbonate mounting flange
- Fully encapsulated for moisture, vibration and corrosion resistance
- Integrate with other Whelen products through synchronize feature
- Includes steady-burn, alternating and simultaneous patterns
- Split LINZ6 will alternate or simultaneous flash each color segment (3x3)
- LINV2 offers combination 180° warning and puddle light with Scan-Lock™ warning flash patterns
- Five year HDP® Heavy-Duty Professional warranty

RSA03ZCR

RSA02ZCR

LINSV2A

LINZ6A

RVA03ZCR

LINV2A

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Encap-sulated	Cable	Certification	Size
RS*03ZCR	warning	TIR3 Super-LED	horizonal, surface	R, A, W	12	0.40/peak 0.16/avg	25 Scan-Lock™	yes	6" pigtail	**B** (R) **C** (A) **D**	1-1/8" (28mm) H x 1-1/4" (32mm) D x 3-1/2" (89mm) L
RV*03ZCR			vertical surface								
RS*02ZCR		LIN3 Super-LED	horizontal, surface							**C** (A/R/W) **D**	
LINZ6*		LINZ6 Super-LED				0.75/peak 0.30/avg	69 Scan-Lock			**B** (A/B/R) **C** **D** (Class 1)	2" (48mm) H x 1-5/8" (40mm) D x 4" (102mm) L
LINZ61	split warning	Split LINZ6 Super-LED		split A/A							
LINV2*	combination warning and puddle light	LINV2 Super-LED	horizontal, surface	A, W		0.75/ warning 0.12/ puddle	25 Scan-Lock			**C, D** (A)	1-1/2" (40mm) H x 1-5/8" (42mm) D x 3-7/8 (98mm) L
LINSV2*			under surface mounting								1-1/8" (28mm) H x 2-13/16" (71mm) D x 2-7/8" (73mm) L

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White, R=Red

Model No.	Model	Option Description
RFLANGEC	TIR3 LIN3 LINZ6 LINV2	Chrome plated flange kit
RFLANGCD		Deep Chrome plated flange kit
RFLANGEA		Cast aluminum flange kit
RFLANG2C		Chrome plated flange for dual lightheads
RFLANG2B		Black flange for dual lightheads
RGROMMET		Grommet mount kit except LINV2
RBKT1		Mounting bracket for one lighthead
RBKT2		Mounting bracket for two lightheads
RBKT5		Under sideview mirror bracket
RBKT6		License plate bracket for 2 lightheads-horizontal
RBKT7		License plate bracket for 2 lightheads-vertical
RBKT11		Above rear taillight bracket for Ford F-150

Model No.	Model	Option Description
RBKT12	TIR3 LIN3 LINZ6 LINV2	Above rear taillight bracket, Ford F-250/350/450/550
RBKT13		Above rear taillight bracket, Chevy Silverado
RBKT14		Above rear taillight bracket, Chevy Silverado/GMC 1500
RBKT15		Below rear taillight bracket, Ford F-150
RBKT8B		Black fender mount, Freightliner 2 or International, pair
RBKT8C		Chrome fender mount, Freightliner 2 or International, pair
RBKT4	TIR3/LIN3 LINV2	Swivel mounting bracket for one lighthead
LINZ6FC	LINZ6	Deep Chrome plated flange kit
L6BKT5		Under sideview mirror bracket
LIN4KIT		Convert LINZ6 to mount LIN4 location

RFLANGEC

RFLANGEA

RFLANG2C

RFLANG2B

RGROMMET

LINZ6FC

RBKT1

RBKT2

RBKT4

RBKT5

RBKT6

RBKT7

RBKT8C

WHELEN

400 Super-LED® Series

- Available with Clear or color lens, V-Series™ has Clear lens only
- NEW V-Series has 3-in-1 combination warning, alley/flood and ground illuminating puddle light
- Available with or without internal flasher
- Single level is surface mount
- Single level models include Scan-Lock™ flash patterns with steady-burn, and synchronize feature
- Dual level has individual control of upper and lower level
- Dual level requires LED flasher and optional mounting, purchased separately (not to be used as steady-burn light)
- Five year HDP® Heavy-Duty Professional warranty

40A02ZCR

40AA5SCR

4V3A

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthead Size
40**5SCR	dual level warning	Linear Super-LED	requires optional mounting	A, W	12	1.8/peak 0.72/avg	requires optional flasher	6" pigtail	C W	3-3/16" (77mm) H x 2" (50mm) D x 4-15/16" (124mm) L
40*02Z*R	single level warning		surface			.90/peak 0.36/avg	25 Scan-Lock™		B,C,D	3-3/16" (77mm) H x 1-3/8" (34mm) D x 4-15/16" (124mm) L
4V3*	warning, alley/flood & puddle light	3-in-1 Super-LED lighting		A, W warning, steady W for alley and puddle		1.2 warning 0.40 alley light 0.12 puddle	warning has 25 Scan-Lock patterns		W	3-1/16" (77mm) H x 2- 3/4" (69mm) D x 4-15/16" (124mm) L

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White   First * or ** is for LED color, last * is for lens color.

Model No.	Option Description
4EFLANGE	Chrome plated flange kit for single level only
4FLANGEB	Black flange kit for single level only
4TSMAB	Black surface mount adapter
4TSMAC	Chrome surface mount adapter

Model No.	Option Description
4EGRILP	Grille-Master™ Chrome housing with swivel bracket
4EGRILB	Grille-Master Black housing with swivel bracket
4ILKT1	Polished intersection housing kit, pair, for 4300/4400 International chassis only

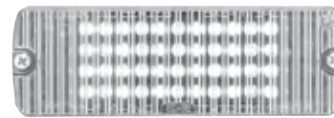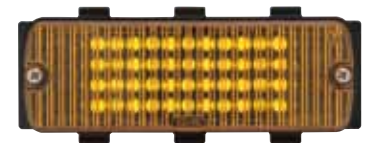4EFLANGE 4FLANGEB 4TSMAB 4TSMAC 4EGRILB 4EGRILP 4ILKT1

500 LED Series

- Available with Clear or color lens
- LEDs are rated for thousands of hours of operation
- Polycarbonate construction
- Fully encapsulated for moisture, vibration and corrosion resistance
- Five year HDP Heavy-Duty Professional warranty

5SC00FCR
Surface mount

50A00FAR

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthead Size
50*00F*R	directional warning	5mm LED	requires optional mounting	A, W	12	.300/peak .120/avg	14 Scan-Lock	6" pigtail	C D (A)	1-13/16" (46mm) H x 7/8" (22mm) D x 5-3/16" (131mm) L
5S*00F*R			surface							

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White First * is for LED color, second * is for lens color.

See next page for mounting options

WHELEN

500 Super-LED® Series

- Requires optional mounting
- NEW 500 V-Series™ features 3-in-1 warning, alley/flood and White downward projecting ground illumination or puddle light
- NEW! Single color combination 180° and TIR directional warning light, does not include White alley/flood or puddle light feature
- Solid color available with Clear or color lens
- V-Series and split color lights have Clear lens
- LEDs are rated for thousands of hours of operation
- Grommet mount rear waste truck light includes grommet and connector, for use in a light array of seven
- Vertical cab mount light includes Chrome flange (use one per side)
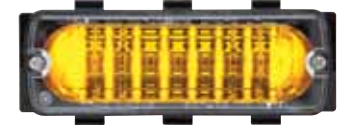- Five year HDP® Heavy-Duty Professional warranty

50AA3ZAR

50AB3ZCR

50A02ZAR

50A02ZCR

5V1A

5V3A

5V3 showing puddle light

50AA2SA2
Cab mount

50A02SA1
Rear waste truck light

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthead Size
50*02Z*R	horizontal mount warning	Linear Super-LED	requires optional mounting	A, W	12	1.0/peak .40/avg	25 Scan-Lock™	6" pigtail	**B** (A/B) **C** **D** (A/B)	1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L
50**2ZCR	horizontal mount split warning			A/A, A/B, A/W, W/W		.50/peak .20/avg per side				
5V*02Z*R	vertical mount warning			A, W		1.0/peak .40/avg				
50AA2SA2	vertical mount for truck cab		includes Chrome flange	A						
50A02SA1	horizontal mount for rear of waste truck		includes grommet & connector	A						
50*03Z*R	warning	TIR6™ Super-LED	requires optional mounting	A, W		.63/peak .315/avg			**B** (R) **C** **D**	1-5/8" (41mm) H x 1-3/8" (35mm) D x 5" (127mm) L
50**3ZCR	split warning			A/A, A/B, A/W, W/W		.315/peak .125/avg per side				
5V1*	warning	V-Series & TIR Super-LED		A, W		1.5/peak 0.6/avg			**B** (B) **D**	2-1/8" (54mm) H x 1-5/8" (42mm) D x 5-3/8" (137mm) L
5V3*	warning, alley/flood & puddle light	V-Series Super-LED		A, W warning, steady W for alley and puddle		0.12 warning 1.0 alley light 0.5 puddle				

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White First * or ** is for LED color, second * is for lens color.

Model No.	500 Series Option Description
5FLANGEB	Black flange kit
5FLANGEC	Chrome plated flange kit
5FLANGEP	Polished aluminum flange kit
5GROMMET	Rubber grommet kit
5TSMAB	Black surface mount adapter, TIR6 Super-LED only
5TSMAC	Chrome plated surface mount adapter, TIR6 Super-LED only
5LSMAB	Black surface mount adapter, Linear-LED® only

Model No.	500 Series Option Description
5LSMAC	Chrome plated surface mount adapter, Linear-LED only
5BRUSH	Aluminum brush guard for TIR6 only, requires flange
5HSGPED	Polished aluminum housing & pedestal swivel mount kit
5HSGB1	7/8"-1" round bar mount, includes housing and flange
5HSGB125	1-1/4" round bar mount kit, includes housing and flange
5BKT1	Universal mounting bracket for Super-LED

5FLANGEB

5GFLANGEC

5FLANGEP

5GROMMET

5TSMAC

5LSMAC

5BRUSH

5HSGPED

5HSGB1
5HSGB125

5BKT1

600 Series

- Available with Clear or color lens
- NEW 600 Rota-Beam™ Super-LED oscillating light with no moving parts or motors. 100% solid-state with 180° light output
- Hi/Low power (not applicable to Rota-Beam)
- Five year HDP® Heavy-Duty Professional warranty
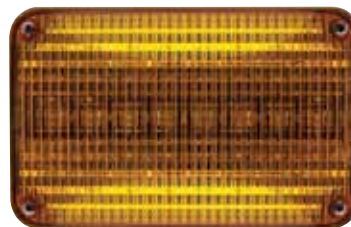
60A02FAR

6RBAC

6RBA

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthead Size
60*02S*R	warning	Linear Super-LED	surface	A, W	12	1.40/peak .53/avg	requires optional flasher	6" pigtail	B, C, D	4-1/8" (105mm) H x 2" (50mm) D x 6-1/2" (165mm) L
60*02F*R						1.4/peak .53/avg	14 Scan-Lock™			
6RB*	oscillating warning	Rota-Beam Super-LED		A, W color lens		2.2/peak 1.1/avg	14 Scan-Lock		W	4-3/16" (106mm) H x 3-7/16" (88mm) D x 6-9/16" (167mm) L
6RB*C				R, B, A, W Clear lens						

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red   First * or ** is for LED color, second * is for lens color.

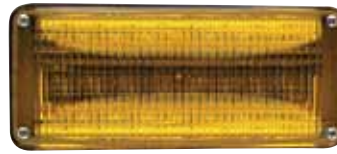| Model No.	600 Series Option Description
6FLANGEB	Black flange kit
6EFLANGE	Chrome plated flange kit
64FKIT	Kit to convert 600 Series to fit in old style 64 Series hole cutouts

6EFLANGE   6FLANGEB

64FKIT

700 Series

- **Available with Clear or color lens**
- **Available with or without internal flasher**
- **Low power**
- **Five year HDP® Heavy-Duty Professional warranty**

70A02SAR / 70A02FAR

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthead Size
70*02S*R	warning	Linear Super-LED	surface	A, W	12	.1.40/peak .53/avg	requires optional flasher	6" pigtail	**B, C, D**	3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
70*02F*R						1.4/peak .53/avg per side	14 Scan-Lock™			

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White
First * or ** is for LED color, second * is for lens color.

Model No.	Option Description
7FLANGEB	Black flange kit
7EFLANGE	Chrome plated flange kit
7CAST3	Polished cast aluminum housing, vertical mount, 3 lamp
7EGRILP	Grille-Master™ Chrome housing with swivel bracket
7EGRILB	Grille-Master Black housing with swivel bracket
7GCV6LRC	Grille mount chrome housing 2006-11 Chevy Express van, pair
73FKIT	Mounting kit to convert 700 Series to fit in old style 73 Series hole cutouts

7FLANGEB   7EFLANGE
7EGRILB   7EGRILP
73FKIT

900 Series

- **Largest surface mount with dual level LEDs**
- **Available with Clear or color lens**
- **Available with or without internal flasher**
- **Low power**
- **Five year HDP Heavy-Duty Professional warranty**

90AA5SAR / 90AA5FAR

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthead Size
90**5S*R	warning	Linear Super-LED	surface	A, W	12	2.8/peak 1/avg	requires optional flasher	6" pigtail	**B, C, D**	7-1/8" (181mm) H x 1-3/8" (35mm) D x 9-1/8" (232mm) L
90**5F*R						2.8/peak 1/avg	14 Scan-Lock steady-burn & Hi/Low			

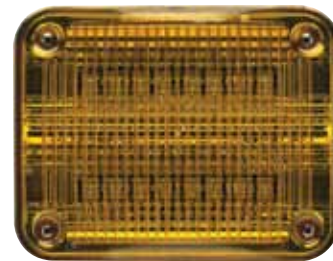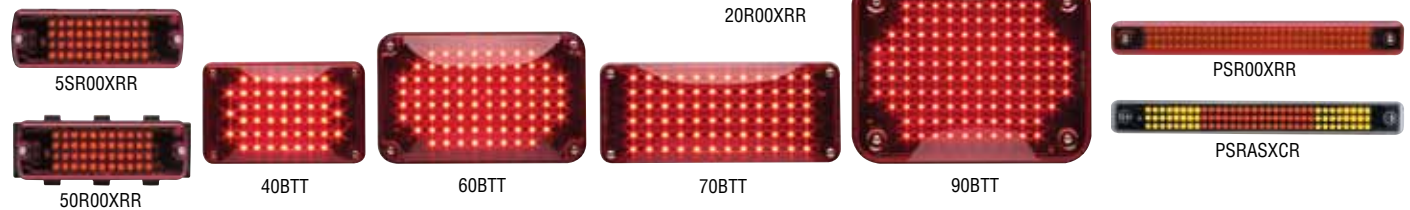Replace symbol* in model number with letter indicating color desired: A=Amber, C=White
First * or ** is for LED color, second * is for lens color.

Model No.	900 Series Option Description
90FLANGB	Black flange kit
90FLANGC	Chrome plated flange kit
97FKIT	Mounting kit to convert 900 Series to fit in old style 97 Series hole cutouts

90FLANGC   90FLANGB
97FKIT

LED Brake/Tail/Turn Lights

- **Fully encapsulated for moisture, vibration and corrosion resistance**
- **Hard coated lenses minimize environmental damage from the sun, salt and road chemicals**
- **Five year HDP® Heavy-Duty Professional warranty**

20R00XRR · M6BTT · M9BTTX · PSR00XRR · PSRASXCR · 5SR00XRR · 50R00XRR · 40BTT · 60BTT · 70BTT · 90BTT

Model No.	Lamp Type	Technology	Mount	Color	LENS	VDC	Amps	Cable	Certification	Lighthead Size
20R00XRR	4" Round B/T/T	LED	requires optional mounting				.4 high 0.4 low		J, K, L, Y, X, Q	4-1/4" dia.
M6BTT	M6 Series B/T/T	Super-LED®	surface				0.85 brake 0.06 tail		J, K, L, X, Y	4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L
M9BTTX	M9 Series B/T/T						0.75 brake 0.55 tail			6-1/2" (165mm) H x 1-3/8" (35mm) D x 10-3/8" (263mm) L
40BTT	400 Series B/T/T			R	R	12	.375 brake .040 tail	6" pigtail	J, K, I	3-3/16" (77mm) H x 2-3/4" (69mm) D x 4-15/16" (124mm) L
5SR00XRR	500 Series B/T/T	LED	requires optional mounting				.25 high .05 low			1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L
50R00XRR										
60BTT	600 Series B/T/T	Super-LED	surface				.375 brake .040 tail		A, B, C, W	4-1/8" (105mm) H x 1-3/8" (35mm) D x 6-1/2" (165mm) L
70BTT	700 Series B/T/T									3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
90BTT	900 Series B/T/T									7-1/8" (181mm) H x 1-3/8" (35mm) D x 9-1/8" (232mm) L
PSR00XRR	Strip-Lite™ B/T/T	LED					.5 high/.05 low		J, K	1" (25mm) H x 1-3/8" (35mm) D x 11-1/2" (292mm) L
PSRASXCR		LED with turn		R/A	C		.225 turn / 150mA brake 40mA tail		-	

4" Round	M6	M7	500	600	700	900	Strip-Lite	Option Description
2FLANGEC	M6FC	M7FC	5FLANGEC	6EFLANGE	7EFLANGE	90FLANGC	-	Chrome plated flange
2FLANGEB	M6FB	M7FB	5FLANGEB	6FLANGEB	7FLANGEB	90FLANGB	-	Black flange
-	M6BRUSH	M7BRUSH	5BRUSH	-	-	-	PSBKT1	Brush guard
2GBKT1	-	-	5GBKT1	-	-	-	-	"L" bracket
-	-	-	5FLANGEP	-	-	-	-	Polished aluminum flange
2GROMMET	-	-	5GROMMET	-	-	-	-	Grommet mount kit
-	M6FCV2	-	-	-	-	-	-	Chrome flange for two lightheads, vertical
-	M6FCV3	-	PLAST3V	-	-	-	-	Chrome flange for three lightheads, vertical
-	M6FCV4	-	PLAST4VL	-	-	-	-	Chrome flange for four lightheads, vertical
-	-	-	-	CAST3H	-	-	-	Three lighthead cast aluminum housing, horz.
-	-	-	-	CAST3	7CAST3	-	-	Three lighthead cast aluminum housing, vert.
-	-	-	-	CAST4V	-	-	-	Four lighthead cast aluminum housing, vert.
LEDLOAD								Adds additional amperage load

7FLANGEB · 7EFLANGE · 5BRUSH · 5GBKT1 · 5FLANGEP · 5GROMMET · M6FCV2 · M6FCV3 PLAST3V · M6FCV4 PLAST4VL · CAST3H · CAST3 · CAST4V · 7CAST3

WHELEN

LED Turn Signals

- ■ Arrows may be mounted left or right
- ■ 400 LED Series is turn indicator/front marker clearance light combination
- ■ M Series are surface mounted
- ■ Mounting options are purchased separately
- ■ Five year HDP® Heavy-Duty Professional warranty

M6T

M9T

40A00AAR

60A00TAR

70A00TAR

90A00TAR

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthead Size
M6T	M6 Series	LED	surface mount	A	12	.75/max	8	6" pigtail	L, Y	4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L
M9T	M9 Series					1.2/max				6-1/2" (165mm) H x 1-3/8" (35mm) D x 10-3/8" (263mm) L
40A00AAR	400 Series		surface mount optional mounting available			.4/max .06/avg	2		X, Y	3-3/16" (77mm) H x 2-3/4" (69mm) D x 4-15/16" (124mm) L
60A00TAR	600 Series					.7/max .35/avg	6		L, Y	4-1/8" (105mm) H x 1-3/8" (35mm) D x 6-1/2" (165mm) L
70A00TAR	700 Series					.9/max .45/avg				3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
90A00TAR	900 Series					1.25/max 1/avg	17			7-1/8" (181mm) H x 1-3/8" (35mm) D x 9-1/8" (232mm) L

LED						Option Description
M6	M9	400	600	700	900	
M6FC	M9FC	4EFLANGE	6EFLANGE	7EFLANGE	9FELANGE	Chrome plated flange
M6FB	M9FB	4FLANGEB	6FLANGEB	7FLANGEB	9EFLANGEB	Black flange
M6BRUSH	M9BRUSH	-	-	-	-	Brush guard
-	-	-	-	-	-	Polished aluminum flange
-	-	-	-	-	-	Grommet mount kit
M6FCV2	-	-	-	-	-	Chrome flange for two lightheads, vertical
M6FCV3	-	-	PLAST3V	-	-	Chrome flange for three lightheads, vertical
M6FCV4	-	-	PLAST4VL	-	-	Chrome flange for four lightheads, vertical
-	-	-	CAST3H	-	-	Three lighthead cast aluminum housing, horizontal
-	-	-	CAST3	7CAST3	-	Three lighthead cast aluminum housing, vertical
-	-	-	CAST4V	-	-	Four lighthead cast aluminum housing, vertical
M6FC600	M9FC900	-	-	-	-	Chrome flange converts to hundred series lighthead

6EFLANGE

6FLANGEB

M6FC600

7FLANGEB

7EFLANGE

M6FC

M6FCV2

M6FCV3

M6FCV4

CAST3H

CAST3

CAST4V

7CAST3

Super-LED® & LED
Back-Up Lights

- ■ **M Series are surface mounted**
- ■ **Mounting options are purchased separately**
- ■ **400, 600 and 700 Series LED may additionally be used as interior lights**
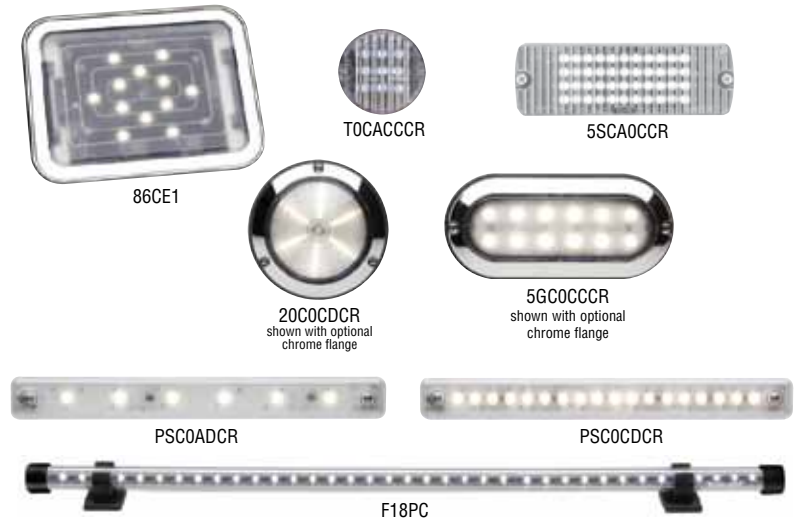- ■ **Five year HDP® Heavy-Duty Professional warranty**

M6BUW

M9BUW

5GC00WCR

50C00WCR

40C00VCR

60C00VCR

60C00WCR

70C00VCR

70C00WCR

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthead Size
M6BUW	M6 Series	Super-LED	surface mount	W	12	1.6	steady	6" pigtail	N	4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L
M9BUW	M9 Series					1.8				6-1/2" (165mm) H x 1-3/8" (35mm) D x 10-3/8" (263mm) L
5GC00WCR	5G Series		includes grommet			.15				3-3/16" (77mm) H x 1-1/2" (38mm) D x 7-7/16" (189mm) L
50C00WCR	500 Series	LED	mounting required			.35				1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L
40C00VCR	400 Series		may be surface mounted			.35				3-3/16" (77mm) H x 2-3/4" (69mm) D x 4-15/16" (124mm) L
60C00VCR	600 Series	LED minimum				.35				4-1/8" (105mm) H x 1-3/8" (35mm) D x 6-1/2" (165mm) L
60C00WCR		LED maximum	optional mounting available			0.6				
70C00VCR	700 Series	LED minimum				.35				3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
70C00WCR		LED maximum				0.5				

Option Model Number						Option Description
Super-LED		LED				
M6	M9	400	500	600	700	
M6FC	M9FC	4EFLANGE	5FLANGEC	6EFLANGE	7EFLANGE	Chrome plated flange
M6FB	M9FB	4FLANGEB	5FLANGEB	6FLANGEB	7FLANGEB	Black flange
M6BRUSH	M9BRUSH	-	5BRUSH	-	-	Brush guard
-	-	-	5FLANGEP	-	-	Polished aluminum flange
-	-	-	-	-	-	Grommet mount kit
M6FCV2	-	-	-	-	-	Chrome flange for two lightheads, vertical
M6FCV3	-	-	PLAST3V	-	-	Chrome flange for three lightheads, vertical
M6FCV4	-	-	PLAST4V	-	-	Chrome flange for four lightheads, vertical
-	-	-	-	CAST3H	-	Three lighthead cast aluminum housing, horizontal
-	-	-	-	CAST3	7CAST3	Three lighthead cast aluminum housing, vertical
-	-	-	-	CAST4V	-	Four lighthead cast aluminum housing, vertical
M6FC600	M9FC900	-	-	-	-	Chrome flange converts to hundred series lighthead

4EFLANGE

5FLANGEC

6FLANGEB

M6FC600

7FLANGEB

7EFLANGE

M6FC

M6FCV2

M6FCV3

M6FCV4

CAST3H

CAST3

CAST4V

7CAST3

Super-LED® & LED Interior Lighting

- Super-LED model 86CE1 has 12 diodes and Hi/Low control, and is certified to KKK 1822-F when properly installed
- LED 2" Round Series includes 2-1/2" adapter for customer supplied 2-1/2" grommet, plus a 3" and 3-1/2" flange mount
- Strip-Lite™ available in two levels of intensity
- Fluorent Plus™ Series is available in increments of 9" (228mm) and includes both a C clip for snap-in and P clip for fixed mounting. Silicone rubber end caps
- Five year HDP® Heavy-Duty Professional warranty

T0CACCCR
5SCA0CCR
86CE1
20C0CDCR shown with optional chrome flange
5GC0CCCR shown with optional chrome flange
PSC0ADCR
PSC0CDCR
F18PC

Model No.	Lamp Type	Technology	Mount	VDC	Amps	Cable	Lighthead Size
86CE1	rectangular interior dome	Super-LED	requires cut-out, includes flange	12	2/high .20/low	6" pigtail	6-7/16"(163mm) H x 1-1/4"(32mm) D x 8-3/16"(208mm) L
T0CACCCR	2" round compartment	5mm LED	surface	12	.025	6" pigtail	2" (51mm) Dia.
5SCA0CCR	500 Series compartment	56 diode LED	surface	12	.300	6" pigtail	1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L
20C0CDCR	2G Series (4" round) compartment	Super-LED 12 diode	surface mount requires optional mounting	12	.360	6" pigtail includes Deutsch® connector	4" (102mm) Dia.
20C0CDCD				12	.360		
5GC0CCCR	5G Series compartment	Super-LED	Includes Black grommet, requires optional mounting	12	.525	6" pigtail	3-3/16" (81mm) H x 1-1/2" (38mm) D x 7-7/16" (189mm) L
PSC0ADCR	Strip-Lite compartment	6 diode LED	surface	12	.240	6" pigtail	1" (25mm) H x 1-3/8" (35mm) D x 11-1/2 " (292mm) L
PSC0CDCR		18 diode LED		12	.480		
F09PC	Fluorent Plus compartment tube lighting	Super-LED	surface	12	.06	6" pigtail	5/8" (16mm) H x 9" (228mm) L
F18PC				12	.125		5/8" (16mm) H x 18" (457mm) L
F27PC				12	.16		5/8" (16mm) H x 27" (686mm) L
F36PC				12	.18		5/8" (16mm) H x 36" (914mm) L
F45PC				12	.24		5/8" (16mm) H x 45" (114cm) L
F54PC				12	.32		5/8" (16mm) H x 54" (137cm) L
F63PC				12	.42		5/8" (16mm) H x 63" (160cm) L

Model No.	Series	Option Description
TFLANGEC	2" Round	Surface mount Chrome plated flange kit
TFLANGEB		Surface mount Black flange kit
TGROM2		Grommet mounting kit
2GFLANGC	2G (4" round)	Surface mount Chrome plated flange kit
2GFLANGB		Surface mount Black flange kit
2GROMMET		Grommet mounting kit

Model No.	Series	Option Description
5GFLANGC	5G	Surface mount Chrome plated flange kit
5GFLANGB		Surface mount Black flange kit
PSBKT451	Strip-Lite	45° stainless steel bracket

TFLANGEC TFLANGEB TGROM2 2GFLANGC 2GFLANGB 2GROMMET
5GFLANGC 5GFLANGB PSBKT451

Super-LED® & LED
Interior Lighting

- 3" Round Red, Red/White and Blue/White for better night vision and includes independent control of color and White light
- 6" Round extreme low profile surface mount is available in 24 volt models
- 700 Series has illuminated switches
- 8" Round has high lumen output of 1,000/Hi and 80/Low, simulating natural light at midday.
- Five year HDP® Heavy-Duty Professional warranty

3SC0CDCR   3SR0CDRR   3SBCCDCR   3SRCCDCR

60C0EHCR   side view   60C0EJCS   60CBEGCS   60CREGCS

70CREGCS   80C0EHCR   80C00EZR   8WC00EZR   80CBEHCR   80CREHCR

Model No.	Lamp Type	Tech-nology	Mount	Housing	Switch	VDC	Amps	Cable	Size
3SC0CDCR	3" Round LED	compartment White	surface optional mounting available	rubber gasket housing	-	12	.380	6" pigtail	3" (76mm) Dia.
3SR0CDRR		nighttime illumination Red					.300		
3SBCCDCR		compartment split Blue/White					.310		
3SRCCDCR		compartment split Red/White							
60C0EHCR	6" Round Super-LED	compartment 18 diode, White	surface	-	-		1.2/high .13/low		6" (152mm) Dia. x 5/8" (16mm) D
60C0EJCS		compartment 6 diode, White			On/Off		.70/high		
60CBEGCS		compartment 6 Blue diodes & 6 White diodes			dual switches for On/Off color and On/ Off and White		.70/White .50/Blue		
60CREGCS		compartment 6 Red diodes & 6 White diodes					.70/White .50/Red		
70CREGCS	700 Series	compartment 30 Red diodes & 30 White diodes			backlighted dual switches for On/Off color and White		.35/White .50/Red 2mA/ switch		3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
80C0EHCR	8" Round Super-LED ambulance light	18 diode, White	4 screws, fits industry standard 8" cutout, no mounting hardware required	Chrome flange	built-in Hi/Low intensity		1.2/high .13/low		8-5/8" (218mm) Dia. x 1" (24mm) D
80C00EZR		18 diode, White	fits 8" cutout with spring clip mounting, no mounting hardware required						
8WC00EZR				White flange					
80CBEHCR		6 White diodes 3 Blue diodes	4 screws	Chrome flange			1.5/White .50/color		
80CREHCR		6 White diodes 3 Red diodes							

Model No.	3" Round Options
3FLANGEC	Chrome plated flange, surface mount
3GROMMET	Grommet mount

3FLANGEC   3GROMMET

WHELEN

Illumination, Marker or Clearance Lighting and PAR Replacement Lamps

- **OS™ Series** includes Chrome housing. It's 45° angle illuminates step surfaces and areas needing angled lighting. Interior or exterior use
- **OS Series** marker/clearance has Clear lens
- **2" Round Series** marker or clearance light includes 2-1/2" adapter for customer supplied 2-1/2" grommet, plus a 3" and 3-1/2" flange mount. Includes color lens
- **PEL Series** has 40° downward projected light for illumination of vehicle's perimeter
- **PAR lights** have heavy-duty heatsink and industry standard brass slotted head connection point
- **Five year HDP® Heavy-Duty Professional warranty**

0AC0EDCR

0SC0EDCR

T0A00MAR

0SR00MCR

0SA00MCR

T0R00MRR

PELCC

P46SLC

P46FLC

P46WLC

P36SLC

Model No.	Lamp Type	Tech-nology	Mount	Color	Housing Color	VDC	Amps	Patterns	Cable	Lighthead Size
0SC0EDCR	OS Series	LED White illumination	surface	W	Chrome	12	0.3	steady	6" pigtail	1" (25mm) H x 1/2" (13mm) D x 1-1/2" (38mm) L
0AC0EDCR			45° angle surface	W						1" (25mm) H x 7/8" (21mm) D x 1-7/8" (48mm) L
0SA00MCR		LED marker or clearance	surface	A						1" (25mm) H x 1/2" (13mm) D x 1-1/2" (38mm) L
0SR00MCR				R						
T0A00MAR	2" Round marker or clearance		surface	A	-		0.8/max 0.5/avg			2" (51mm) Dia.
T0R00MRR				R						
PELCC	PEL Series downward projecting ground perimeter lighting	1000 lumen Super-LED illumination	surface	W	Chrome	12	.85			1" (25mm) H x 1-3/8" (35mm) D x 11-1/2" 292mm) L
PELCB					Black					
PELCC4					Chrome	24	.37			
PELCB4					Black					
P46SLC	PAR-46	2° Spotlight	drop-in replacement for outdated halogen spotlight lamps	W	Black powder coated die-cast aluminum heatsink	12	23			5-5/8" (144mm) Dia x 2-11/16" (69mm) D
P46FLC		8° Spotlight					1.9			5-5/8" (144mm) Dia x 1-13/16" (46mm) D
P46WLC		20° high x 60° wide Floodlight								
P36SLC	PAR-36	2° Spotlight				12/24	0.85 @ 12 VDC 0.325 @ 24 VDC			4-1/2" (111mm) Dia. x 2" (51mm) D

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red

Model No.	2" Round Option Description
TGROM2	Rubber grommet mount
TFLANGEC	Surface mount flange, Chrome
TFLANGEB	Surface mount flange, Black

TGROM2

TFLANGEC

TFLANGEB

WHELEN

Super-LED® and LED Scenelights

- ■ Super-LED surface mounts are instant on with no warm-up time
- ■ 500 Series lightheads requires mounting option, purchased separately
- ■ 900 Series lightheads are certified to meet KKK 1822-F requirements and AMD 024 Standard
- ■ Five year HDP® Heavy-Duty Professional warranty

50C000ZR

6SCOENZR

70C0ELZR

9SC0ENZR

M6ZC

M7ZC

M9LZC

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Lighthead Size
50C000ZR	500 Series	LED	requires optional mounting			.300			1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L
6SCOENZR	600 Series	Super-LED	surface	W	12	1	steady	6" pigtail	4-1/8" (105mm) H x 1-3/4" (44mm) D x 6-1/2" (165mm) L
60C0ELZR			recess			2			
70C0ELZR	700 Series								3-1/16" (78mm) H x 1-3/4" (44mm) D x 7-1/4" (184mm) L
9SC0ENZR	900 Series		surface, includes Chrome flange			6			7-1/8" (181mm) H 1-3/4" (44mm) D x 9-1/8" (232mm) L
M6ZC	M6 Series		surface			2			4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm)L
M7ZC	M7 Series					2.25/peak .9/avg			3-3/8" (86mm) H x 1-3/8" (35mm) D x 7-5/8" (194mm) L
M9LZC	M9 Series		surface, includes Chrome flange			6			6-1/2" (165mm) H x 1-3/8" (35mm) D x 10-3/8" (263mm)L

Option Model Number							Option Description
LED	Super-LED						
500	M6	M7	M9	600	700	900	
5FLANGEC	M6FC	M7FC	M9FC	6EFLANGE	7EFLANGE	90FLANGC	Chrome plated flange
5FLANGEB	M6FB	M7FB	M9FB	6FLANGEB	7FLANGEB	90FLANGB	Black flange
5GROMMET	-	-	-	-	-	-	Grommet mount kit

5FLANGEC

6EFLANGE

6FLANGEB

7EFLANGE

7FLANGEB

M6FC

M7FB

Super-LED® Work Lights

Pioneer Nano™

- **Available in 3 or 6 diode models**
- **Die-cast aluminum powder coated housing in Black or White**
- **Rated to last thousands of hours with remarkable bright light**
- **8° spotlight pattern, comes standard. Includes additional optic lens for a light pattern choice of 40° x 20° flood**
- **Optic lens changes easily via four screws in picture frame fixture**
- **Powder coated stainless steel bail bracket with 3/8" stud carriage bolt mount**
- **Models available in 24 Volts, contact factory**
- **Five year HDP® Heavy-Duty Professional warranty**

NP3BW

NP6BW

Model #	Diodes	Mount	Housing Color	Volts	Amps	Watts	Cable	Lumens	Size with mounting
NP3BW	3	bail/stud with 3/8" carriage bolt	White	12	1	12.8	6 foot	1100	2-1/4" (57mm) H x 1-3/4" (44mm) D x 3.5" (89mm) L
NP3BB			Black						
NP6BW	6		White		1.5	19.6		1800	3" (76mm) H x 1-3/4" (44mm) D x 3.5" (89mm) W
NP6BB			Black						

Pioneer Micro™

- **Die-cast aluminum powder coated housing in Black or White**
- **Rated to last thousands of hours with remarkable bright light**
- **8° spotlight pattern, comes standard. Includes three additional optic lenses for a light pattern choice of:**
  - **90° x 20° wide flood**
  - **40° x 20° flood**
  - **40° x 8° horizontal flood**
- **Optic lens changes easily via four screws in picture frame fixture**
- **Four mountings available:**
  - **Powder coated stainless steel bail bracket with 3/8" stud carriage bolt mount**
  - **Two recessed mounts available with Chrome flange for straight out or 15° downward angle**
  - **Heavy-duty pedestal/swivel available with Chrome or Black back cover and On/Off switch**
- **Models available in 24 Volts, contact factory**
- **Five-year HDP Heavy-Duty Professional warranty**

MPBW

MPBB

MPPBCS

MPR15W

MPRW

Model #	Mount	Housing Color	Switch	Volts	Amps	Watts	Cable	Lumens	Size with mounting
MPBW	bail/stud	White	-	12	3.6A	44.8	6 foot	4100	4-5/8" (118mm) H x 3-1/8" (80mm) D x 4-3/4" (121mm) L
MPBB		Black							
MPRW	recessed Chrome straight flange	White							6-1/8" (155mm) H x 2-7/8" (72mm) D x 6-11/16 (170mm) L
MPRB		Black							
MPR15W	recessed Chrome 15° downward angled flange	White							
MPR15B		Black							
MPPW	pedestal/swivel	White							8-5/8" (220mm) H x 3-3/4" (94mm) D x 5-1/8" (129mm) L
MPPB		Black							
MPPWCS		White with Chrome back cover	includes On/Off switch						
MPPBCS		Black with Chrome back over							
MPPBBS		Black with Black back cover							

Super-LED® Work Lights

WHELEN

Pioneer SlimLine™ Series

- Die-cast aluminum powder coated housing in White or Black
- Rated to last thousands of hours with remarkable bright light
- Single lamp models include 8° spotlight lens supplied on lighthead and one additional lens supplied for light dispersion of 40°x 20° flood
- Dual lamp models include 8° spotlight lens supplied on lighthead, and two additional lenses are supplied for light dispersion of 40°x 20° flood and 8° spot/40°x 20° flood
- Recessed mount models available in straight and 15° downward angle with chrome trim flange
- Bail bracket works for horizontal and vertical mounting positions
- Models available in 24 Volts, contact factory
- Five year HDP® Heavy-Duty Professional warranty

PSL1B

PSL2BB

PSL1P

PSL2P

PSL1R

PSL2R

Model #	Mount	Lamp	Housing Color	Volts	Amps	Watts	Cable	Lumens	Size including mounting
PSL1B	Bail/Stud	single	White	12	3	39.2	20'	3600	3-1/4" (82mm) H x 2-1/8" (55mm) D x 6-7/8" (175mm) L
PSL1BB			Black						
PSL2B		dual	White		6.1	78.3		7300	3-1/4" (82mm) H x 2-1/8" (55mm) D x 12-1/2" (317mm) L
PSL2BB			Black						
PSL1R	Recessed Chrome straight flange	single	White		3	39.2		3600	6-3/8" (160mm) H x 2" (51mm) D x 9-7/8" (251mm) L
PSL1RB			Black						
PSL2R		dual	White		6.1	78.3		7300	6-5/8" (168mm) H x 2-5/8" (65mm) D x 15-1/2" (394mm) L
PSL2RB			Black						
PSL1R5	Recessed Chrome 15° downward angled flange	single	White		3	39.2		3600	6-3/8" (160mm) H x 2" (51mm) D x 9-7/8" (251mm) L
PSL1R5B			Black						
PSL2R5		dual	White		6.1	78.3		7300	6-5/8" (168mm) H x 2-5/8" (65mm) D x 15-1/2" (394mm) L
PSL2R5B			Black						
PSL1P	Low profile pedestal/swivel	single	White		3	39.2		3600	5-5/8" (143mm) H x 1-7/8" (48mm) D x 6-7/8" (175mm) L
PSL1PB			Black						
PSL2P		dual	White		6.1	78.3		7300	5-5/8" (143mm) H x 1-7/8" (48mm) D x 12-1/2" (317mm) L
PSL2PB			Black						

WHELEN

Pioneer™ Surface Mount

- Extruded aluminum housing
- Rated to last thousands of hours with remarkable bright light
- Combination spot/flood (patent pending) optic design projects light directly down at 5° producing illumination to the side of the vehicle arching upward to 90° pattern of light
- Solid-state electronics
- Instant On/Off eliminates ramp up time and high current in-rush
- Lights feature built-in nylon screw grommets eliminating galvanic corrosion
- Uniquely designed molded two part silicone grommet seals the 1" wire entry into the body
- Engineered thermal design keeps LEDs running cool and efficiently
- DC (Single or Dual) Pioneer models meets SAE1113-42 Class 5 testing for EMI
- AC models are coming soon pending UL® approval
- Five year HDP® Heavy-Duty Professional warranty

PCPSM2C

PCPSM1B

Model	Series	Lamp Type	Housing	Volts	Amps	Watts	Lumens	Size
PCPSM1C	Pioneer Plus Spot/ Floodlight VDC models	single	Chrome	12 VDC	6	76	8,000	6-3/8"(162mm) H x 1-3/4" (44mm) D x 9"(228mm) L
PCPSM1B			Black					
PCPSM2C		dual	Chrome		12	154	16,000	6-3/8"(162mm) H x 1-3/4" (44mm) D x 16-1/4" (412mm) L
PCPSM2B			Black					
PCPSM14C		single	Chrome	24 VDC	3	76	8,000	6-3/8"(162mm) H x 1-3/4" (44mm) D x 9"(228mm) L
PCPSM14B			Black					
PCPSM24C		dual	Chrome		6	154	16,000	6-3/8"(162mm) H x 1-3/4" (44mm) D x 16-1/4" (412mm) L
PCPSM24B			Black					
PCPSM1AC	Pioneer Plus Spot/ Floodlight VAC models pending UL® listing	single	Chrome	120 VAC	0.6	72	7,500	6-3/8"(162mm) H x 1-3/4" (44mm) D x 9"(228mm) L
PCPM1AB			Black					
PCPSM2AC		dual	Chrome		1.2	144	15,000	6-3/8"(162mm) H x 1-3/4" (44mm) D x 16-1/4" (412mm) L
PCPSM2AB			Black					

Unique thermal plastic rubber grommet seals 1" wire entry
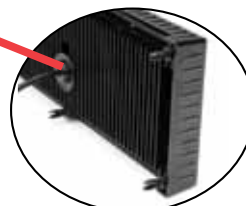
Unique screw grommet system and grommet seals tight to vehicle's body

Pioneer™ Quad

■ **Four high intensity 120 AC Pioneer Plus lamps for Flood lighting and combination Flood/Spot lighting**

■ **Die cast aluminum powder coated housing includes supporting hardware**

■ **Rated to last thousands of hours with remarkable bright light**

■ **Engineered thermal design keeps LEDs running cool and efficiently, eliminating decreased diode output over long hours of operation**

■ **Universal side bail bracket tilts ±25° up or down**

■ **3/4" NPT pedestal/pole mount fits most industry standard poles**

■ **Removable handle standard on pole/pedestal mount**

■ **Floodlights are UL® approved**

■ **Spot/Floodlight models pending UL approval**

■ **120 AC models will operate using a generator to provide floodlighting at a distance away from the vehicle's voltage source without significant voltage drops**

■ **Five year HDP® Heavy-Duty Professional warranty**

PFP4AW
PCP4AW

PFP4AWP1
PCP4AWP1
Pole/Pedestal Mount

Model	Series	Mounting	Switch	Housing Color	Volts	Amps	Watts	Lumens	Size
PFP4AW	AC Floodlights	Lighthead only	-	White	120 AC	2.5 AC	300 watts	30,000	7-3/8" (187mm) H x 3-3/16" (80mm) D x 14-1/16" (357mm) L
PFP4AB		Lighthead only	-	Black					
PFP4AWP		Pole/Pedestal Mount	-	White					
PFP4AWP1			1 Switch	White					
PFP4AWP2			2 Switch						
PFP4ABP			-	Black					
PFP4AABP1			1 Switch	Black					
PFP4AABP2			2 Switch						
PFP4AWB		Universal Side Bail Mount	-	White					
PFP4ABB			-	Black					
PCP4AW	AC Flood/ Spotights	Lighthead only	-	White					
PCP4AB			-	Black					
PCP4AWP		Pole/Pedestal Mount	-	White					
PCP4AWP1			1 Switch	White					
PCP4AWP2			2 Switch						
PCP4ABP			-	Black					
PCP4AABP1			1 Switch	Black					
PCP4AABP2			2 Switch						
PCP4AWB		Universal Side Bail Mount	-	White					
PCP4ABB			-	Black					

WHELEN

Pioneer™ & Pioneer Plus™ Series Floodlights

- Long life LED operation with low current draw and low operating temperature
- LEDs operate at very high light efficiency producing high lumen output per watt
- Available in four intensities
- Die cast aluminum powder coated housing
- Rated to last thousands of hours with remarkable bright light
- Solid-state electronics and lamps
- Instant On/Off eliminates ramp-up time and high current in-rush
- Recessed housing mounts straight out or 15° fixed downward angle to maximize light effectiveness
- Removable handle standard on pedestal and pole mount models
- DC Pioneer models meet SAE 1113-42, Class 5 testing for EMI
- Available in 12, 24 VDC and UL® listed 120 VAC
- 120 VAC models will operate using a generator to provide floodlighting at a distance away from the vehicle's voltage source without significant voltage drops
- HDP® Heavy-Duty Professional five year warranty

PFA1
Floodlight

PFP2
Floodlight

Lighthead only (Mounting Purchased Separately)

Model	Series	Lamp Type	Housing Color	Volts	Amps	Watts	Lumens	Size
PFA1	Pioneer Floodlight	single	White	12	3.1	39.7	3,700	Single: 3-11/16" (94mm) H x 2-1/2" (64mm) D x 8-1/8" (206mm) L Dual: 3-11/16" (94mm) H x 2-1/2" (64mm) D x 14" (356mm) L
PFA2		dual		12	6.1	78.8	7,400	
PFA14		single		24	1.5	39.7	3,700	
PFA24		dual		24	3	78.1	7,400	
PFA1B		single	Black	12	3.1	39.7	3,700	
PFA2B		dual		12	6.1	78.1	7,400	
PFA14B		single		24	1.5	39.7	3,700	
PFA24B		dual		24	3	78.1	7,400	
PFP1	Pioneer Plus Floodlight	single	White	12	6.5	73.2	8,100	
PFP2		dual		12	13	166.4	16,000	
PFP14		single		24	3.05	83.2	7,400	
PFP24		dual		24	6.5	166.4	16,000	
PFP1B		single	Black	12	6.5	83.2	8,100	
PFP2B		dual		12	13	166.4	16,000	
PFP1AC		single	White	120 VAC models pending UL° listing	.6	75	7,500	
PFP2AC		dual			1.2	150	15,000	

Super-LED® Work Lights

Pioneer™ & Pioneer Plus™ Series
Spotlights & Combination Spot/Floodlights

- Long life LED operation with low current draw and low operating temperature
- LEDs operate at very high light efficiency producing high lumen output per watt
- Die cast aluminum powder coated housing
- Rated to last thousands of hours with remarkable bright light
- Spotlights are available in single lamp 2° and 8° models. Dual lamp Floodlight/8° Spotlight combination and Pioneer Max™ dual floodlight with dual 8° spotlights
- Solid-state electronics and lamps
- Instant On/Off eliminates ramp-up time and high current in-rush
- Recessed housing mounts straight out or 15° fixed downward angle to maximize light effectiveness
- Removable handle standard on pedestal and pole mount models
- DC Pioneer models meet SAE 1113-42, Class 5 testing for EMI
- Available in 12, 24 VDC and UL® listed 120 VAC
- 120 VAC models will operate using a generator to provide floodlighting at a distance away from the vehicle's voltage source without significant voltage drops
- HDP® Heavy-Duty Professional five year warranty

PTP1- 2° Spotlight

PSP1- 8° Spotlight

PCP2 - Floodlight
& 8° Spotlight

PCP3 - Pioneer Max
Floodlight & 8° Spotlight

Lighthead only (Mounting Purchased Separately)

Model	Series	Lamp Type	Housing Color	Volts	Amps	Watts	Lumens	Size
PTP1	Pioneer Plus Spotlight	single 2°	White	12	6.5	83.2	8,000	3-11/16" (94mm) H x 2-1/2" (64mm) D x 8-1/8" (206mm) L
PSP1	Pioneer Plus Spotlight	single 8°	White	12	6.5	75	8,000	3-11/16" (94mm) H x 2-1/2" (64mm) D x 8-1/8" (206mm) L
PCP2	Pioneer Plus Spotlight/ Floodlight	dual combination Floodlight & 8° Spotlight	White	12	12	75/75	8,000/8,000 16,000 total	3-11/16" (94mm) H x 2-1/2" (64mm) D x 14" (356mm) L
PCP3	Pioneer Max Spotlight/ Floodlight	combination dual Floodlight & dual 8° Spotlight	White	12	16.5	225	20,000	6-1/16" (155mm) H x 3" (76mm) D x 14-1/16" (357mm) L
PCP3B	Pioneer Max Spotlight/ Floodlight	combination dual Floodlight & dual 8° Spotlight	Black	12	16.5	225	20,000	6-1/16" (155mm) H x 3" (76mm) D x 14-1/16" (357mm) L
PCP34	Pioneer Max Spotlight/ Floodlight	combination dual Floodlight & dual 8° Spotlight	White	24	8.2	210.4	20,000	6-1/16" (155mm) H x 3" (76mm) D x 14-1/16" (357mm) L
PCP34B	Pioneer Max Spotlight/ Floodlight	combination dual Floodlight & dual 8° Spotlight	Black	24	8.2	210.4	20,000	6-1/16" (155mm) H x 3" (76mm) D x 14-1/16" (357mm) L
PSP1AC	Pioneer Plus 8° Spotlight	single 8°	White	UL® Listed 120 AC	.6	75	7,500	Single: 3-11/16" (94mm) H x 2-1/2" (64mm) D x 8-1/8" (206mm) L Dual: 3-11/16" (94mm) H x 2-1/2" (64mm) D x 14" (356mm) L
PCP2AFS	Pioneer Plus Spotlight/ Floodlight	dual Flood - Left Spot - Right	White	UL® Listed 120 AC	1.2	150	15,000	Single: 3-11/16" (94mm) H x 2-1/2" (64mm) D x 8-1/8" (206mm) L Dual: 3-11/16" (94mm) H x 2-1/2" (64mm) D x 14" (356mm) L
PCP2ASF	Pioneer Plus Spotlight/ Floodlight	dual Flood - Right Spot - Left	White	UL® Listed 120 AC	1.2	150	15,000	Single: 3-11/16" (94mm) H x 2-1/2" (64mm) D x 8-1/8" (206mm) L Dual: 3-11/16" (94mm) H x 2-1/2" (64mm) D x 14" (356mm) L
PCP3A	Pioneer Max Spotlight/ Floodlight	combination dual Floodlight & dual 8° Spotlight	White	UL® Listed 120 AC	1.5	180	17,000	6-1/16" (155mm) H x 3" (76mm) D x 14-1/16" (357mm) L
PCP3AB	Pioneer Max Spotlight/ Floodlight	combination dual Floodlight & dual 8° Spotlight	Black	UL® Listed 120 AC	1.5	180	17,000	6-1/16" (155mm) H x 3" (76mm) D x 14-1/16" (357mm) L

Pioneer™ & Pioneer Plus™ Series Mounting Options

PBAPEDA/
PBAPEDD
Pedestal
mount
adapter

Mounting Options (Lightheads Purchased Separately)

Model #	Series	Lamp	Description	Size
PBAPEDA	mounting options only for Pioneer and Pioneer Plus lightheads	single & dual	pedestal mount adapter for AC models, includes 20' of 3-C cable	4-1/2" (115mm) H x 3-1/8" (79mm) D x 3-1/8" (79mm) L
PBAPEDD			pedestal mount adapter for DC models, includes 20' of 4-C cable	
PBA103		single	semi-recessed mount with Chrome trim ring, housing mounts the floodlights straight out or at 15° downward angle	7-5/8" (194mm) H x 3-3/4" (82mm) D x 11-7/8" 208mm) L
PBA203		dual		7-15/16" (201mm) H x 3-3/4" (82mm) D x 17-3/16" (436mm) L
PBA106U		single	universal bail bracket tilts up/down, adjustable to 25° upward or downward angle	4-5/8" (118mm) H x 3-3/16" (80mm) D x 8-3/16" (208mm) L
PBA206U		dual		4-5/8" (118mm) H x 3-3/16" (80mm) D x 14" (357mm) L

PBA103/PBA203
Semi recessed mount with
Chrome trim ring

PBA106U/PBA206U
Universal bail bracket

PFP1LP
Low profile pedestal/swivel mount

Pedestal/Swivel Mounting (Lighthead Included with Mounting)

Model #	Series	Lamp	Lamp Type	Voltage	Housing	Size
PFA1LP	Pioneer	single	floodlight	12 VDC	White	7" (158mm) H x 3-1/8" (80mm) D x 8-3/16" (208mm) W
PFA1LPB					Black	
PFP1LP	Pioneer Plus				White	
PFP1LPB					Black	
PSP1LP			8° spotlight		White	
PSP1LPB					Black	
PTP1LP			2° spotlight		White	
PTP1LPB					Black	
PSP1ALP			8° spotlight	120 VAC	White	
PSP1ALPB					Black	

Designed for the Freedom LED Lightbar flashing/
steady-burn flasher module, standard in each
bar. This option allows you to mount one or two
lamp Pioneer or Pioneer Plus floodlights with 20°
adjustable angle without having to drill mounting
and wire holes on your vehicle. Accommodates
Freedom lightbars 55" and up. Includes all
mounting hardware.

Freedom® Lightbar Mounting

Mounting	Series	Lamp	Description
PFA1LB1	Pioneer	single	one Pioneer, center mounted for 55" and up
PFA1LB2			two Pioneers with mounting brackets for 72" and up
PFA2LB1		dual	one Pioneer, center mounted for 55" and up
PFA2LB2			two Pioneers with mounting brackets for 72" and up
PFP1LB1	Pioneer Plus	single	one Pioneer Plus, center mounted for 55" and up
PFP1LB2			two Pioneer Plus with mounting brackets for 72" and up
PFP2LB1		dual	one Pioneer Plus, center mounted for 55" and up
PFP2LB2			two Pioneer Plus with mounting brackets for 72" and up

Pioneer™, Pioneer Plus™ & Pioneer Max™ Series Mounting Options

PFP1P1
Pole/Ped mount
with handle
and switch

PFP2P
Pole/Ped mount
with handle,
without switch

PCP3P1
Pole/Ped mount with handle and switch

Side Mount

- ■ Side Mount Pedestal available in AC or DC models with 5" or 7" non-adjustable stand-off mounting brackets
- ■ Wire internal (exits bottom), external wire (exits side of knuckle) adapter
- ■ Three conductor internal wire input for AC. Four conductor for DC models
- ■ Requires lighthead and pedestal mount adapter, purchased separately

87711AB
Side mount
with 5" stand off
bracket. Shown
with PCP2AP1B
lighthead and
pedestal mount
adapter

Pedestal/Pole Mounting (Lighthead Included with Mounting)

Model #	Series	Lamp	Lamp Type	Voltage	Switch	Housing	Size with handle
PFA1P	Pioneer	single	floodlight	12 VDC	-	White	Single Lighthead: 9-3/4" (247mm) H x 6-1/16" (155mm) D x 10-13/16" (275mm) L
PFA1PB					-	Black	
PFA1P1					On/Off	White	
PFA1P1B					On/Off	Black	
PFA2P		dual			-	White	
PFA2PB					-	Black	
PFA2P1					On/Off	White	
PFA2P1B					On/Off	Black	
PFP1P	Pioneer Plus	single			-	White	
PFP1PB					-	Black	
PFP1P1					On/Off	White	
PFP1P1B					On/Off	Black	
PFP2P		dual			-	White	Dual Lighthead: 9-3/4" (247mm) H x 6-1/16" (155mm) D x 14-1/16" (357mm) L
PFP2PB					-	Black	
PFP2P1					On/Off	White	
PFP2P1B					On/Off	Black	
PSP1P		single	8° spotlight		-	White	
PSP1PB					-	Black	
PSP1P1					On/Off	White	
PSP1P1B					On/Off	Black	
PCP2P		dual	combination flood and 8° spotlight		-	White	
PCP2PB					-	Black	
PCP2P2					Dual On/Off	White	
PCP2P2B					Dual On/Off	Black	
PCP3P	Pioneer Max	dual x 2	combination dual floodlight & dual 8° spotlight		-	White	10-13/16" (275mm) H x 6-1/16" (155mm) D x 14-1/16" (357mm) L
PCP3P1					On/Off	Black	
PFP1AP	Pioneer Plus	single	floodlight	120 VAC	-	White	Single Lighthead: 9-3/4" (247mm) H x 6-1/16" (155mm) D x 10-13/16" (275mm) L
PFP1APB					-	Black	
PFP1AP1					On/Off	White	
PFP1AP1B					On/Off	Black	
PFP2AP		dual			-	White	
PFP2APB					-	Black	
PFP2AP1					On/Off	White	
PFP2AP1B					On/Off	Black	
PSP1AP		single	8° spotlight		-	White	Dual Lighthead: 9-3/4" (247mm) H x 6-1/16" (155mm) D x 14-1/16" (357mm) L
PSP1APB					-	Black	
PSP1AP1					On/Off	White	
PSP1AP1B					On/Off	Black	
PCP2AP		dual	combination floodlight and 8° spotlight		-	White	
PCP2APB					-	Black	
PCP2APB1					On/Off	White	
PCP2APB1B					On/Off	Black	
PCP3AP	Pioneer Max	dual x 2	combination dual floodlight & dual 8° spotlight		-	White	10-13/16" (275mm) H x 6-1/16" (155mm) D x 14-1/16" (357mm) L
PCP3APB					-	Black	
PCP3AP1					On/Off	White	
PCP3AP1B					On/Off	Black	

Side Mount (Lighthead Purchased Separately)

Model #	Series	Lamp	Wire Exit	Voltage	Bracket
87711AB	side mounting option only for Pioneer and Pioneer Plus lightheads	single or dual lighthead	internal	12 VDC	5"
87711BB					7"
87711AD			external		5"
87711BD					7"
87711AA			internal	120 VAC	5"
87711BA					7"
87711AC			external		5"
87711BC					7"

WHELEN

Pioneer™ Series Pole Mounting Options

3000 Series

MTO

57" Side Mount Pole Assemblies
Top Mount - Pull-Up

3000, 3100 & 3050 Series Pole Mounting Options

(Lighthead Purchased Separately)

- Extruded aluminum AC and DC pole assemblies
- Side and Thru Body mount versions
- Side mount poles outer bodies available in 12", 20", 30", 35" & 40"
- 3050 Series 30", 40" & 50" side mount pull up pole, for use with 120 VAC Pioneer and Pioneer Plus lightheads
- Three conductor internal wire input for AC models. Four conductor for DC models
- Silver powder coated non-adjustable stand-off mounting brackets available in 2", 3", 5" and 7"
- Poles and outer bodies are anodized to eliminate corrosion
- Optional lower side mount cradle bracket with electromagnetic sensor indicates if the pole has been seated properly into the cradle for travel (customer supplied warning indicator light)
- Custom pole lengths available. Download Pioneer Designer Program to design custom pole assemblies
- Requires Pioneer with pole/pedestal mount adapter (purchased separately)
- Five-year HDP® Heavy-Duty Professional warranty

PFP2AP1
lighthead
(sold separately)

PCP2APB1
lighthead
(sold separately)

Top Mount, Pull-Up
Mount is above the outer body. Pull-up to extend pole.

3050 Series

30", 40" & 50"
Side Mount
Pole Assemblies
Top Mount -
Pull-Up

Side mount stand-off mounting brackets

2" (50mm)

3" (76mm)

5" (127mm)

7" (178mm)

Side mount internal sensor

Bottom mount lower cradle sensor

Side mount   Sensor

Sensor   Cradle

Electro-magnetic sensor indicates pole has been seated correctly into cradle for travel.

For models numbers on Pioneer pole assemblies, please request Pioneer Pole Price List.

20" (508mm) outer body

12" (305mm) outer body

5" (127mm) stand-off mounting brackets

PCP3AP
lighthead
(sold separately)

30" (762mm) Model shown not extended

30" (762mm) outer body

2" (50mm) stand-off mounting brackets

Pioneer Designer Program

Pioneer Designer lets you pick and choose options and enter custom pole and lighthead requirements

Starting from the Home Page, go to
- Automotive
- Tech Support
- Software Downloads
- Choose Pioneer Designer and click on download

PIONEER DESIGNER

Pioneer™ Series Pole Mounting Options MTO

3000 Series
57" Side Mount Pole Assemblies
Bottom Mount - Push-Up

Shown with PFP2P1B lighthead (sold separately)

Shown with PFP2P1B lighthead (sold separately)

2" (50mm) stand-off mounting brackets

12" (305mm) outer body

20" (508mm) outer body

7" (178mm) stand-off mounting brackets

Bottom Mount, Push-Up
Mount is below the outer body. Push-up to extend pole.
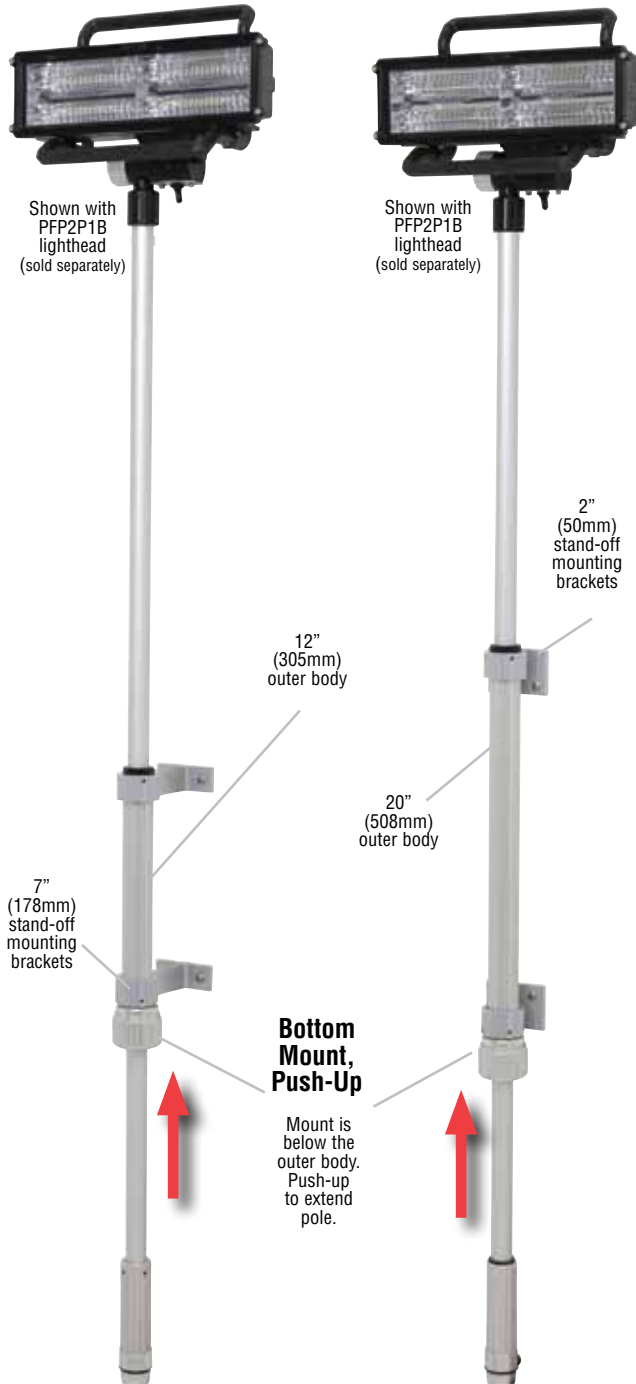
3100 Series
57" Thru Mount Pole Assemblies

Top Mount Pull-Up

Bottom Mount Push-Up

Shown with PCP2P2 lighthead (sold separately)

External Exit Wire

Shown with PFP1P1 lighthead (sold separately)

Vehicle Body

Top Mount, Pull-Up
Mount is above the vehicle's body. Pull-up to extend pole.

Sensor option indicates pole has been seated correctly into cradle for travel. Indicator light customer supplied.

Bottom Mount, Push-Up
Mount is below the vehicle's body. Push-up from inside vehicle's compartment to extend pole.

Internal Wire Exit

Super-LED® Work Lights

WHELEN

Pioneer™ Series Mounting Options

3200 Series Folding Tripod AC Pole Assemblies

(Lighthead Purchased Separately)

■ **Extruded aluminum AC tripod assemblies**
■ **Large 50", medium 40" and small 30" models**
■ **Tripod models available are:**
   • **Wireless for use with ground tripod**
   • **With inner coil cord with or without plug**
   • **With loose external coil cord for top wire exit with plug or without plug**
■ **All moving aluminum parts are isolated with nylon bushings for smooth adjustment and fold outs**
■ **Poles, outer bodies and folding legs are anodized to eliminate corrosion**
■ **Optional tripod quick disconnect mount kit**
■ **Optional ground tripod mounting bracket**
■ **Requires Pioneer with pole/pedestal mount adapter (purchased separately)**
■ **Five-year HDP® Heavy-Duty Professional warranty**

MTO

Large tripod shown at maximum 42.25" extension.

Upper tripod quick disconnect mounting bracket.

Lower folding tripod mounting cradle Model 8728301

Folded tripod in mounting cradle

Large 50"

Medium 40"

Small 30"

3300 Series Ground Tripods

MTO

(Lighthead Purchased Separately)

■ **White powder coated cast aluminum AC portable ground tripod**
■ **Includes stationary quick disconnect mount**
■ **Supplied with 12" cable**
■ **Optional plug available**
■ **Five-year HDP Heavy-Duty Professional warranty**

Shown with optional plug.

Ground tripod with stationary quick disconnect mount.

Underneath side showing pin that recesses into stationary quick disconnect mount, included with ground tripod for secure storage.

Quick disconnect mount attaches to ground tripod mount.

Optional Model 8728302 ground tripod mount includes quick disconnect for 3200 Series folding tripod.

Finished assembly of ground tripod mounted on top of folding tripod pole with ground tripod mount.

Super-LED® Work Lights

PAR-36 and PAR-46

- ◾ **Choose floodlight or spotlight models**
- ◾ **Black cast aluminum housing**
- ◾ **Super-LED with low current draw**
- ◾ **Stainless steel bracket and hardware included**
- ◾ **Two intensities available**
- ◾ **For 24 VDC models, contact factory**
- ◾ **Available in White**
- ◾ **Five year HDP® Heavy-Duty Professional warranty**

Stud/swivel
mount with On/
Off switch

PFBS12
Stud/swivel mount

PFBP12C
showing
T-Handle with
Chrome cover
and
pedestal
swivel
mount

Floodlight Models							
Model No.	Diodes	Amps	Lumens	Mount	Switch	Handle	Rear Cover
PFBP12	12	1.7	1000	pedestal swivel	built-in on/off switch	yes	Black
PFBP12C							Chrome
PFBP6	6	.85	500				Black
PFBP6C							Chrome
PFBS12	12	1.7	1000	stud/ swivel	-	-	Black
PFBS12C							Chrome
PFBS6	6	.85	500				Black
PFBS6C							Chrome
PFBS6S					built-in on/off switch		Black
PFBS12S	12	1.7	1000				

Spotlight Models							
Model No.	Diodes	Amps	Lumens	Mount	Switch	T-Handle	Rear Cover
PSBP12	12	1.7	1000	pedestal swivel	built-in on/off switch	yes	Black
PSBP12C							Chrome
PSBP6	6	.85	500				Black
PSBP6C							Chrome
PSBS12	12	1.7	1000	stud/ swivel	-	-	Black
PSBS12C							Chrome
PSBS6	6	.85	500				Black
PSBS6C							Chrome
PSBS6S					built-in on/off switch		Black
PSBS12S	12	1.7	1000				

Hand Held Spot/Floodlights

- ◾ **90# pull magnet mount with 8' coiled cord and cigar plug**
- ◾ **Built-in push-button On/Off switch**
- ◾ **Five year HDP Heavy-Duty Professional warranty**

Model No.	Lighting	Diodes	VDC	Amps	Lumens	Mount
P36HHS	spot/flood	6	12/24	0.85 @ 12 VDC 0.425 @ 24 VDC	500	hand held includes magnet
P46HHS	spotlight	18	12	2.3	2000	

P36HHS

P46HHS

Rubber Housing Spot/Floodlights

- ◾ **Rubber stud/swivel housing**
- ◾ **Available with or without lighthead**
- ◾ **Five year HDP Heavy-Duty Professional warranty**

Model No.	Lighting	Diodes	VDC	Amps	Lumens	Mount
P36SLCHG	spot/ flood	6	12/24	0.85 @ 12 VDC 0.425 @ 24 VDC	500	stud/ swivel
P46SLCHG	spotlight	9	12	2.3	2000	

P36SLCHG

P46SLCHG

Replacement Lamps

Model No.	Model	Lighting	Diodes	VDC	Amps	Lumens
P36SLC	PAR-36	spot/flood	6	12/24	0.85 @ 12 VDC 0.425 @ 24 VDC	500
P46SLC	PAR-46	2° spotlight	9	12	2.3	2000
P46FLC		8° spotlight	18		1.9	1600
P46WLC		20° high x 60° wide floodlight				

P46SLC

P46WLC

P36SLC

P46FLC
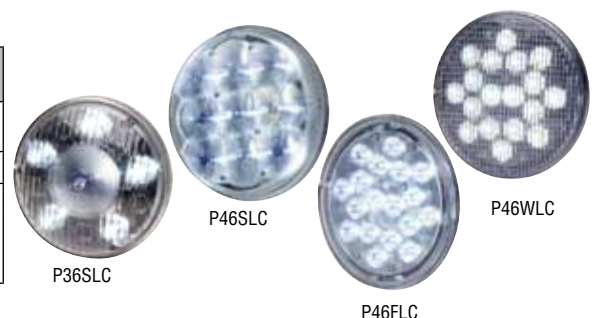
Pan & Tilt™ Spotlight

- **Wired or wireless controlled spotlight**
- **Rated to last thousands of hours with remarkable bright light**
- **Wireless controller mounts anywhere**
- **Proportional push-button control for quick and easy operation**
- **Low amp draw**
- **Tilts 90° up and 20° down**
- **Pans 420° horizontally**
- **Defaults to home position after use**
- **Size: 8-3/4" (220mm) H x 7-3/4" (196mm) Dia**
- **Available in White**
- **Five year HDP® Heavy-Duty Professional warranty**

PT360P
shown in tilted
position

PT360F
Flange mount
shown in home
position

Wired or wireless
controls

Model No.	Mount	Controller	Base	Lens	Amps	Lumens	VDC
PT360P	permanent	wired	polycarbonate	hard coated polycarbonate to resist scratches and UV damage	2 A (max)	1475	12
PT360PW		wireless					
PT360F	flange	wired					
PT360FW		wireless					

PAR-36 Heavy-Duty Work Light

- **Cast aluminum housing**
- **Includes stainless steel pedestal/swivel mount**
- **Deutsch waterproof connector**
- **Mounts standing or hanging**
- **24 VDC available, contact factory**
- **Available in White**
- **Five year HDP Heavy-Duty Professional warranty**

Model No.	Lighting	Diodes	Lumens	VDC	Amps	Size
3PC0C0CD	spotlight	9	1,000	12	1.70	6-3/4" (171mm) H x 2-1/2" (64mm) D x 4-3/4" (121mm) L (without mounting)

Control Centers

WHELEN

Power Control Centers & Switches

- ■ Adjustable bail bracket mounting
- ■ Backlit function windows for choice of 72 standard press-on legend tabs
- ■ PCC8R's basic eight position keypad with remote relay box is ideal for DOT, Tow and Wrecker vehicles
- ■ Hand held or mounted to the dash or console, the WCC9 replaces the standard ECM (Electronic Control Module) on WeCan® lightbars
- ■ Two year warranty

PCCS9RW

PCC4W

PCCS9LW

PCC6W
PCC6W1

WCC9
WCC92

PCC8R

PCC10W
PCC10W1

Model No.	Type and Usage	No. of Switches	Switch type	LED "On" Indicator	Installation	VDC	Size
PCCS9RW	high current center for lightbars/lighting systems without need for separately mounted relays or relay boxes	6 push-buttons and 1 four position dip switch programmable slide switch	6 On/Off, momentary 20 amp relays	yes	11 fast-on for outputs 4 pos AMP Mate-N-Lok® -for control 2 pos Molex Mini Fit SR® - for power	12	1-5/8" (40mm) H x 6-1/4" (159mm) D x 6" (152mm) L
PCCS9LW	economical control center for use with Freedom®, & Liberty II™ lightbars		6 On/Off, 1 programmable On/Off switch		1 nine position and 5 conductor AMP Mate-N-Lok connector to match lightbar cables		1-5/8" (40mm) H x 4" (102mm) D x 6" (152mm) L
PCC4W	SPST, lighted switches	4	25 amp		5 wires power input, 5 wires output		2-1/4" (57mm) H x 4" (102mm) D x 3-1/4" (83mm) L
PCC6W		6	6-25 amp		8 position rear connector block		2-1/4" (57mm) H x 3-5/8" (92mm) D x 6-5/8" (168mm) L
PCC6W1			5 25 amp, 1 momentary				
PCC10W		10	20 amp				
PCC10W1			9 20 amp, 1 momentary				
PCC8R	eight position key pad with remote relay box	8	3 20 amp relays and 5 10 amp relays		8 position rear connector block, supplied wiring harness		Relay Box: 1-1/4" (32mm) H x 4-3/4" (121mm) D x 7-1/4" (184mm) L Control head same as WCC9
WCC9	electronic control for Freedom and Justice® WeCan Lightbars	6 push-buttons and 1 four position dip switch programmable slide switch for 10 primary functions	6 normally open, momentarily closed tactile switches with 3-position slide switch		small diameter, 22 gauge, 2-C cables mates to your WeCan lightbar for easy installation		2-1/2" (64mm) H x 7/8" (22mm) D x 4-3/16" (106mm)L
WCC92	electronic control for Liberty II and Legacy® WeCan Lightbars						

Switch Panel Models					
Model No.	Type	Usage	No. of Switches	Switch Type	Illuminated
1SWITCH	"L" shaped aluminum switch bracket only

choose switches from choices below | for 1 switch | optional | - | - |
2SWITCH		for 2 switches			
3SWITCH		for 3 switches			
4SWITCH		for 4 switches			
PC1	switch only with 15 amp contact	On/Off	1 each	SPST	yes
PC2		momentary On			-
PC3		On/Off/On		SPDT	yes
PC4		On/On			
PC5		On/Off/On		DPDT	-
PC5S		strobe Hi/Off/Low			

4SWITCH

3SWITCH

2SWITCH

1SWITCH bracket with PC1 switch

Flashers

- Polycarbonate housing
- Fully encapsulated for moisture, vibration and corrosion resistance
- UHF Series has external mounting flanges
- Two year warranty

SSFPOS

UHF2150A

ULF44

UFM8
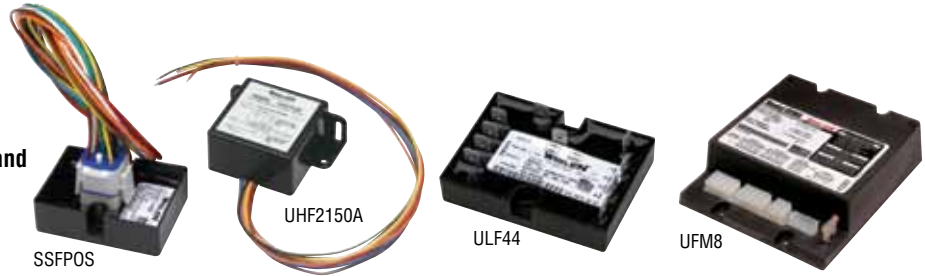
Model No.	Usage	Solid-State	Outlets	Outlet Switching	Amps per Outlet	VDC	Flash Patterns	Size
SSFPOS	positive switching headlights	100%	2 outlets	1x1	12.5	12	7	7/8" (22mm) H x 2-3/4" (70mm) D x 2" (50mm) L
UHF2150A	positive or negative switching headlights	controlled relay output					4	1-1/2" (38mm) H x 3" (76mm) D x 4-1/4" (108mm) L
ULF44	LED lighthead		4 outlets 4 channels	2x2	5		62 alt/simul	3/4" (26mm) H x 3-1/2" (89mm) D x 2-3/4" (70mm) L
UFM8	halogen/LED lighthead		4 outlets	2x2x2x2			17	3/4" (26mm) H x 3-1/2" (89mm) D x 2-3/4" (70mm) L

Model No.	Option Description
LEDLOAD	in-line load resistor kit to interface with OEM turn signal circuit

Electronic Back-Up Alarms

- **Meets OSHA, Bureau of Mines, and all State regulations**
- Glass filled nylon housing
- Encapsulated solid-state electronics
- Steam cleanable; pressure washable
- Mount horizontally or vertically
- One year warranty

WBUA97
WBUA107

WBUA112
WBUA112C

Model No.	Decibels	SAE Code	VDC	Size
WBUA97	97	SAE J994 - Type C	12/24	2-3/4" (69mm) H x 1-1/2" (38mm) D x 4" (102mm) L
WBUA107	107	SAE J994 - Type B		2-3/4" (69mm) H x 1-1/2" (38mm) D x 4" (102mm) L
WBUA112	87-112	--		4" (101mm) H x 2-7/8" (73mm) D x 5-1/8" (130mm) L
WBUA112C	112	SAE J994 - Type A		4" (101mm) H x 2-7/8" (73mm) D x 5-1/8" (130mm) L

Wing Plow™ Super-LED® Series

- Fully encapsulated for vibration, moisture and corrosion resistance
- Two styles of Amber lightheads provide complete coverage whether snowplow wing is in the operation position or in the stowed travel position
- Five year HDP® Heavy-Duty Professional warranty

WPLOW2A

WPLOW1A

WPLOWZ1A

WPLOWZ2A

MTO

WPLOW3AA

Model No.	Usage	Technology	Flash Patterns	Cable	VDC	Housing
WPLOW1A	Deployed	TIR3™ SmartLED	24 Scan-Lock™ plus steady-burn	20' heavy-duty TPR with built in strain relief connectors	12	rugged cast aluminum
WPLOW2A	Stowed					
WPLOW3AA	Deployed/Stowed					
WPLOWZ1A	Deployed	LINZ6™ SmartLED				
WPLOWZ2A	Stowed					
WPLOWZ3A	Deployed/Stowed					

Model	Option Description
W441DIN	Deutsch® waterproof 3 pins and connector kit, cable end
W442DIN	Deutsch waterproof 3 sockets and connector kit, lighthead end

WHELEN

Fleet-Rack™

MTO

- ■ Fleet-Rack frame design mounts a variety of emergency lighting products including: full size or mini lightbars, beacons, auxiliary lighting and flood or spot lights
- ■ TA Fleet-Rack frame design incorporates a factory installed, integrated 16-Lamp ION™ Super-LED® Traffic Advisor™ (left, right, split, and flash)
- ■ Steel construction with Black powder coating
- ■ Pre-drilled access holes accommodate a wide range of lighting
- ■ Installs easily for fleets integrating both lighting and truck rack
- ■ Wiring channels protect and cover wiring for security, long life serviceability and a neat, professional appearance for your truck

Base model with a Liberty™ II lightbar and ION Traffic Advisor

Fleet-Rack	
Model No.	**Vehicle**
FR01	Ford Super-Duty, 2015
FR03	Chevy Silverado, 1500, 2500 Series, 2015
FR04	Dodge Ram 1500 without RAMBOX, 2015
FR05	Ford F150, 2015

Fleet-Rack ION Traffic Advisors	
Model No.	**Vehicle**
TAFR01	Ford Super-Duty, 2015
TAFR03	Chevy Silverado, 1500, 2500 Series, 2015
TAFR04	Dodge Ram 1500 without RAMBOX, 2015
TAFR05	Ford F150, 2015

Optional Kits		
Model No.	**Description**	**Rack Model**
FRCS	center window screen guard	FR03, FR05, TAFR03, TAFR05
FRCS04		FR04
FRCSSD		FR01
FRWS	wing window screen guard	FR03, FR04, FR05
FRWSSD		FR01
FRCB	center window bar guard	Fits All
FRWB	wing window bar guard	FR01, FR03, FR04, FR05
FRCBM	Whelen beacon center mount bracket	FR01, FR03, FR04, FR05
FREBM	Whelen beacon corner mount bracket	FR01, FR03, FR04, FR05

Base Models

Designed to fit specific vehicle body styles and includes pre-drilled holes and wire channel access for every mounting option available
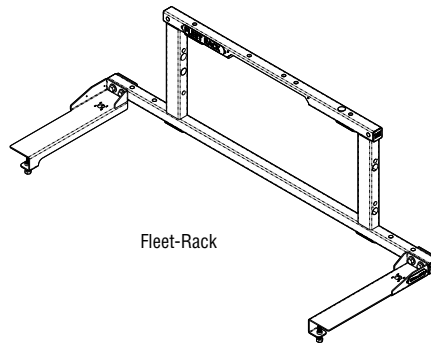
Fleet-Rack
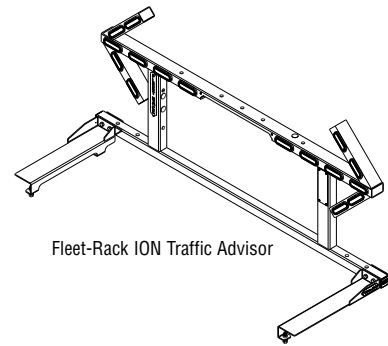
Fleet-Rack ION Traffic Advisor

Base Model with optional:
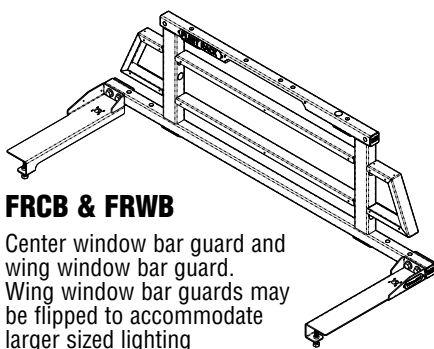
FRCB & FRWB

Center window bar guard and wing window bar guard. Wing window bar guards may be flipped to accommodate larger sized lighting
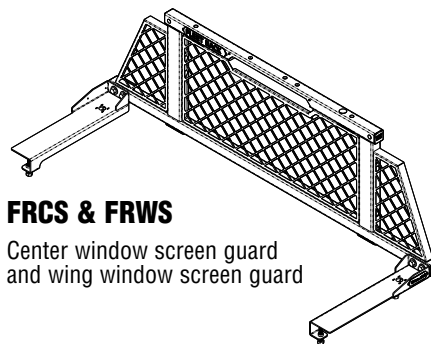
FRCS & FRWS

Center window screen guard and wing window screen guard
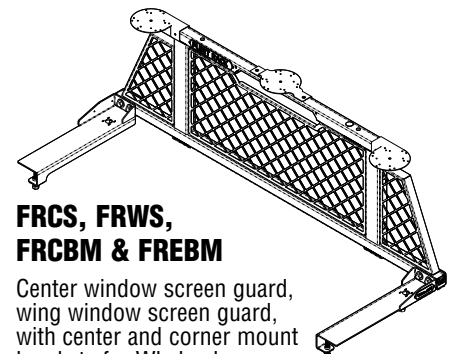
FRCS, FRWS, FRCBM & FREBM

Center window screen guard, wing window screen guard, with center and corner mount brackets for Whelen beacons

Legal Lighting Systems

- All Whelen DOT3® Legal Lighting Systems are certified by an AMECA-accredited testing laboratory to meet or exceed SAE Class 1 warning lighting requirements in the appropriate specified safety colors
- High and wide lighting profiles helps outline vehicles during operation
- Increased rear-end visibility with wide-angle Super-LED lightheads visible even when dump body is in raised or lowered position
- All lightheads are supplied with Deutsch® waterproof connectors

- All warning lighthead colors are Amber. For other colors, contact factory
- Hard coated lenses resist environmental damage from the sun, salt and road chemicals
- The system offers multiple flash patterns and sequence options
- Each system includes complete installation kit
- Optional aluminum housings available
- Five year HDP® Heavy-Duty Professional warranty

DOT3 System Components

Front System Components

Choice of four Super-LED models with 360° warning visibility for front coverage. Includes 60' of heavy-duty TPE cable

Micro Freedom™

3-3/4" (95mm) H x 9-5/16" (236mm) D x 12-5/16" (312mm) L

Micro 400

3-3/4" (95mm) H x 10-3/4" (272mm) D x 10" (254mm) L

Stainless Steel Micro 400

3-5/8" (92mm) H x 8-1/4" (209mm) D x 8-1/4" (209mm) L

Remote L31 Beacon

4-1/2" (102mm) H x 7-3/16" (182mm) Dia.

Rear Lightheads

Rear lightheads are offered in 3 sizes.
New 400 V-Series™ features primary 180° warning and secondary directional lighting with Linear optics

400 Series

4-15/16" (124mm) H x 3-3/16" (77mm) W
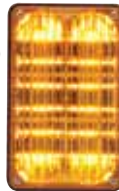
400 V-Series™

500 Series

5" (127mm) H x 1-5/8" (41mm) W

700 Series

7-1/4" (184mm) H x 3-1/16" (78mm) W

Rear Housings

Rear mounted lightheads include 30' heavy-duty, oil resistant TPE jacketed cable with strain relief flex tubing and couplings that provide added safeguard against the elements.
Choice of standard heavy-duty welded stainless steel or optional aluminum housings

400 Series

Height: Single: 5-7/8" (149mm)
Double: 11-3/8" (290mm)
Triple: 17" (430mm)
Width 3-1/2" (88mm)
Depth: 4-3/4" (120mm)

500 Series

Height: Single: 7" (178mm)
Double: 13-3/4" (348mm)
Triple: 20-3/8" (518mm)
Width: 2-1/2" (65mm)
Depth: 5" (127mm)

700 Series

Height: Single: 8-3/8" (213mm)
Double: 16-1/4" (412mm)
Triple: 24" (608mm)
Width 3-1/2" (88mm)
Depth: 5" (127mm)

DOT-LED® Super-LED®

WHELEN

DOT3® Standard Components

12" protective flex tubing and couplings to the lighthead connections protects the cabling and provides strain relief

Waterproof, oil and corrosion-resistant tin coated, pure copper stranded conductors used in all TPE cables. Each wire strand in each cable is tin coated for the full length of the cable, providing superior longevity. Designed to last for the life of the vehicle. Optional cable lengths are available

Centralized DOT Flasher/Junction box for total system control. Offers various flash patterns, system flash sequence, and switching flexibility. The flasher also provides onboard Diagnostix™

Top of the line Deutsch® waterproof connectors furnished with all rear lightheads

400 & 700 Series lighthead housings are 7 gauge and 500 Series are 11 gauge welded stainless steel. You may choose optional welded aluminum housings

DOT3 Options

New **400 V-Series™** features primary 180° warning and secondary directional lighting with Linear optics - SUB4V400

L31 Branch Guard with cast aluminum base - L360BGB

Wing Plow™ Lighting Systems with TIR3 or LINZ6™ light modules for high visibility in both the snow-plow's wing in stowed and travel positions -
WPLOW3AA - TIR3
WPLOWZ3A - LINZ6

Combination LED spot/flood or flood work light with rubber housing and stainless steel hardware -
P36SLCHG - Spot/Floodlight
P46SLCHG - Floodlight

TIR3™ Side Light for 400 and 700 Series rear housings -
ADD4TIR3 - 400 Series
ADD7TIR3 - 700 Series

Switch Control Panels rated at 25 amps per switch -
PCC4W - 4 switch
PCC6W - 6 switch

Extension Cables in single or pairs in 30' and 45' lengths (See current price list for models)

DOT Photocell for Hi/Low power, includes Black flange - DOTPHOTO
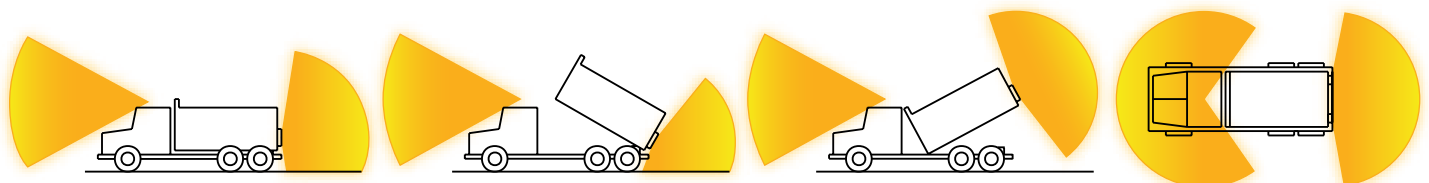
Wide-angle lightheads give visibility with the dump box in raised and lowered positions.

DOT-LED® Super-LED®

Standard System Configurations

DOT3401, DOT3501 & DOT3701

4 Light System

Two Micro Freedoms with extended corner modules and two rear lighthead options
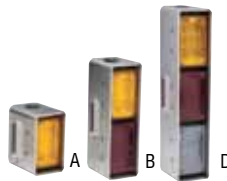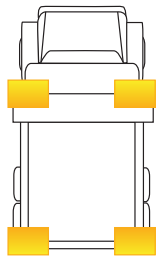
SYSTEM 401 with 400 Series Lightheads
DOT3401A ....Warning
DOT3401B ....Warning and brake/tail/turn
DOT3401D ....Warning, brake/tail/turn and back-up
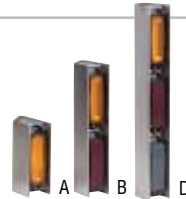
SYSTEM 501 with 500 Series Lightheads
DOT3501A ....Warning
DOT3501B ....Warning and brake/tail/turn
DOT3501D ....Warning, brake/tail/turn and back-up

SYSTEM 701 with 700 Series Lightheads
DOT3701A ....Warning
DOT3701B ....Warning and brake/tail/turn
DOT3701D ....Warning, brake/tail/turn and back-up

DOT3402, DOT3502 & DOT3702

3 Light System

One L31 remote beacon and two rear lighthead options
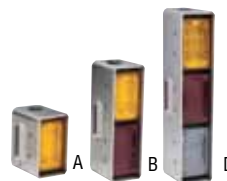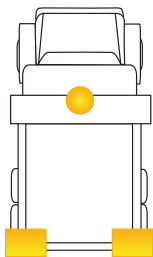
SYSTEM 402 with 400 Series Lightheads
DOT3402A ....Warning
DOT3402B ....Warning and brake/tail/turn
DOT3402D ....Warning, brake/tail/turn and back-up
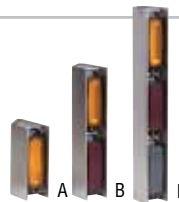
SYSTEM 502 with 500 Series Lightheads
DOT3502A ....Warning
DOT3502B ....Warning and brake/tail/turn
DOT3502D ....Warning, brake/tail/turn and back-up

SYSTEM 702 with 700 Series Lightheads
DOT3702A ....Warning
DOT3702B ....Warning and brake/tail/turn
DOT3702D ....Warning, brake/tail/turn and back-up

DOT3103

2 Light System

Two Micro Freedoms with extended corner modules
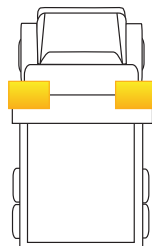
SYSTEM 103
DOT3103...........Two front Amber warning lights

DOT3404, DOT3504 & DOT3704

2 Light System

Two rear lighthead options
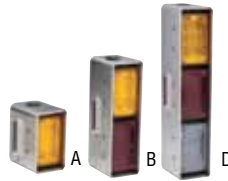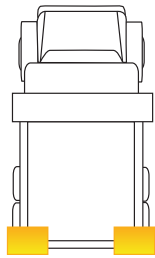
SYSTEM 404 with 400 Series Lightheads
DOT3404A ....Warning
DOT3404B ....Warning and brake/tail/turn
DOT3404D ....Warning, brake/tail/turn and back-up

SYSTEM 504 with 500 Series Lightheads
DOT3504A ....Warning
DOT3504B ....Warning and brake/tail/turn
DOT3504D ....Warning, brake/tail/turn and back-up

SYSTEM 704 with 700 Series Lightheads
DOT3704A ....Warning
DOT3704B ....Warning and brake/tail/turn
DOT3704D ....Warning, brake/tail/turn and back-up

DOT3405, DOT3505 & DOT3705

4 Light System

Two Micro 400s and two rear lighthead options
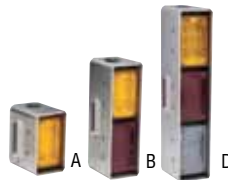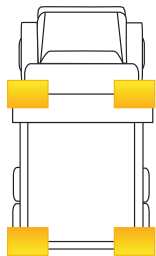
SYSTEM 405 with 400 Series Lightheads
DOT3405A ....Warning
DOT3405B ....Warning and brake/tail/turn
DOT3405D ....Warning, brake/tail/turn and back-up

SYSTEM 505 with 500 Series Lightheads
DOT3505A ....Warning
DOT3505B ....Warning and brake/tail/turn
DOT3505D ....Warning, brake/tail/turn and back-up

SYSTEM 705 with 700 Series Lightheads
DOT3705A ....Warning
DOT3705B ....Warning and brake/tail/turn
DOT3705D ....Warning, brake/tail/turn and back-up

DOT3406, DOT3506 & DOT3706

4 Light System

Two L31 remote beacons and two rear lighthead options
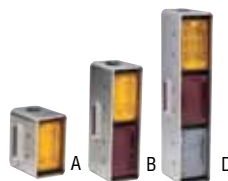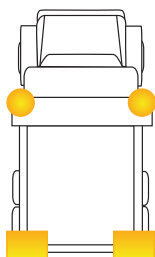
SYSTEM 406 with 400 Series Lightheads
DOT3406A ....Warning
DOT3406B ....Warning and brake/tail/turn
DOT3406D ....Warning, brake/tail/turn and back-up

SYSTEM 506 with 500 Series Lightheads
DOT3506A ....Warning
DOT3506B ....Warning and brake/tail/turn
DOT3506D ....Warning, brake/tail/turn and back-up

SYSTEM 706 with 700 Series Lightheads
DOT3706A ....Warning
DOT3706B ....Warning and brake/tail/turn
DOT3706D ....Warning, brake/tail/turn and back-up

DOT3107

2 Light System

Two remote L31 Beacons
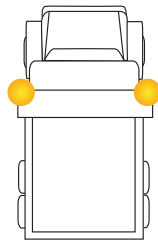
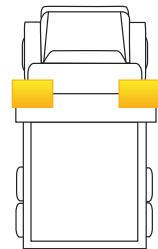**SYSTEM 107**
DOT3107............Two front Amber warning lights

DOT3108

2 Light System
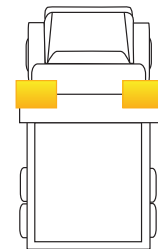
Two Micro 400s

SYSTEM 108
DOT3108............Two front Amber warning lights

DOT3109

2 Light System
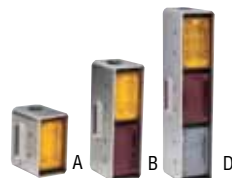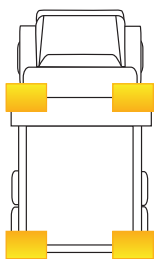
**Two stainless steel
Micro 400s**

SYSTEM 109
DOT3109............Two front Amber warning lights

DOT3410, DOT3510 & DOT3710

4 Light System
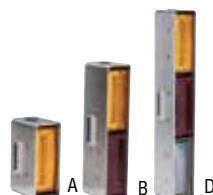
**Two stainless steel Micro 400s
and two rear lighthead options**

SYSTEM 410 with 400 Series Lightheads
DOT3410A ....Warning
DOT3410B ....Warning and brake/tail/turn
DOT3410D ....Warning, brake/tail/turn and back-up

A   B   D

SYSTEM 510 with 500 Series Lightheads
DOT3510A ....Warning
DOT3510B ....Warning and brake/tail/turn
DOT3510D ....Warning, brake/tail/turn and back-up

A   B   D

SYSTEM 710 with 700 Series Lightheads
DOT3710A ....Warning
DOT3710B ....Warning and brake/tail/turn
DOT3710D ....Warning, brake/tail/turn and back-up

A   B   D

Replacement Lamp Guide

Pictorial reference guide for strobe, halogen and incandescent replacement bulbs

WHELEN

STROBE

REPGRLST
02-0340961-00

DIRECTIO
02-0340362-00

REPDIRWD
01-0442196-40
DIRECTWD
02-0342196-00

MICROSID
02-0361112-00

4ELTUBE
02-0262861-00
02-0362824-00

4ECTUBE
02-0363172-00

REPTSCOM
02-0361111-00

REPTSCE
02-0361111-01

REPTSSTR
02-0361109-02

REPTSSE
02-0361109-03

REP36FS
02-0361206-_0

02-0361208-_ _

REP36ES
02-0361197-_ 0

02-0361201-_ _

PAR32
02-0362594-_0

58L4TUBE
02-0362189-00

6ELTUBE
02-0363173-00

7ELTUBE
02-0362641-00

7ELTUBWD
02-0362641-01

7ECTUBE
02-0363031-01

500LTUBE
02-0363292-00

TURBOASY
02-0361417-00

TURB6DUP
02-0362573-00

LFLTUBE
02-0363332-00

9UTUBE
02-0363171-00

LINEAR14
02-0363042-00

LINEAR17
02-0363129-00

900STUBE
02-0383678-00

02-0282121-00

FT1510
01-0446216-01

TURBO5
5" Length
36-0142511-00

TURBO64
6" Length
01-0441675-00
36-0141675-00

TURBOTUB
6-3/4" Length
01-0441409-00
36-0141409-00

SSTUBE
01-0468256-00
36-0468256-00

80TUBE
01-0461513-00
36-0361513-00

UNI
36-0261100-00

FT20
01-0441567-W0
36-0341567-00

FT10
01-0441566-W0
36-0341566-00

S30HA*P
01-0463017-( )1

S30TLWD
01-0462487-00C

S30TL
01-0461281-00

FT25
01-0443008-00
36-0343008-00

80DTUBE
01-0442400-00
36-0342400-00

M469
01-0470044-02

HALOGEN & INCANDESCENT

MR8
34-21120D0-20
20W 12V 20°

MR11
34-20120D0-20
35W 12V 10°

MR11
34-20120D0-20
35W 12V 20°

MR16
34-22120E0-00
35W 12V 40°

H20W12V
01-0420781-00
34-0213030-9J

H27W12V
01-0421757-00
34-0021757-00

H27W12VM
34-0022032-00

H35W12V
01-0421758-00
34-0021758-00

H50W12V
01-0421759-00

H55H112
34-02120B0-000

H35BAY12
34-0235020-2C

H50BAY12
34-0250020-1C

H25B120
34-0021535-00

REPGRLH
02-0341336-03

H27TL12
01-0462375S02

H35TL12
01-0462375S00

H35DTL12
01-0462503-01

H50TL12
01-0462375S05

TA20TL12
01-0462380-01

H35HSC12
01-0467838-01
34-0067833-01

REPH35WD
01-0462514-40

REP36EH
02-0361183-_ _

ALLBULB
01-0450433-00

REPSTTWD
01-0462507-00

BRAKTL12
01-0462503-00
34-0061391-00

H20SN12
Green Dot
01-0441987-04
34-0041987-04

H27SN12
Red Dot
01-0441987-03
34-0063001-03

H27DSN28
01-0463001-01
34-0063001-01

H35SN12
White Dot
01-0441987-00
34-0041987-00

H35HSN12
Gold Dot
01-0441987-05
34-0041987-05

H50SN12
Blue Dot
01-0441987-01
34-0041987-01

H60SN12
01-0441987-07
34-0041987-07

312
34-0428050-6B

25T8DC
34-0412150-59

ICCBULB
34-0112020-5B

I1076BAY
34-0021531-00

1156
34-0412020-00

1157
34-0021562-00

H50ASN12
Red/White Dot
01-0441987-06
34-0041987-06

H35DSN12
Silver Dot
01-0463001-00
34-0063001-00

STOPSN12
3 PINS
01-0462389-00
34-0062389-00

Lighting Certifications

WHELEN

Providing the finest, certified lighting for our customers is a priority at Whelen Engineering Company. Listed below are the various certification standards used to test and certify our products for the DOT, Public Works, Utility, Towing and Contractor marketplace. As we are constantly upgrading and testing our products, it is impossible to print a document with all of the current information. Our team of customer service or field sales representatives will be happy to answer questions regarding this information and any other specific state or federal regulation that might apply to your criteria for decision-making on lighting devices for your vehicles.

A **KKK 1822-F** - Federal Ambulance Specification

B **CAC, Title 13, Article 22** (Red, Blue and Amber lightheads)

Warning Lamps and Devices

C **SAE J595** - Flashing Warning Lamps for Authorized Emergency, Maintenance, and Service Vehicles (Jan 90)

D **SAE J845** - 360° Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles (May 97) Class 1, Class 2, Class 3 (Includes selective coverage)

E **SAE J1318** - Gaseous Discharge Warning Lamp for Authorized Emergency, Maintenance, and Service Vehicles (May 98) Class 1, Class 2, Class 3

Test Procedures and Materials

F **SAE J575** - Test Methods and Equipment for Lighting Devices & Components for use on Vehicles less than 80" (2032mm) in Overall width (Jun 92)

G **SAE J2139** - Test Methods and Equipment for Lighting Devices & Components for use on Vehicles greater than 80" (2032mm) in Overall width (Jan 96)

H **SAE J578** - Color Specifications (Jun 95)

Signalling and Marking Lighting Devices and Systems

I **FMVSS108** - Federal Motor Vehicle Safety Standards

J **SAE J586** - Stop Lamps for use on Motor Vehicles Less than 80" (2032mm) in Overall width (Sep 95)

K **SAE J585** - Tail Lamps (Rear position Lamps) for Use on Motor Vehicles Less than 80" (2032mm) in Overall width (Dec 94)

L **SAE J588** - Turn Signal Lamps for Use on Motor Vehicles Less than 80" (2032mm) in Overall width (Dec 94)

M **SAE J592** - Clearance, Side Marker, Identification Lamps (Dec 94)

N **SAE J593** - Back-up Lamps (Reversing Lamps) (Oct 95)

N(A) **SAE J593C** - Back-up Lamps (Reversing Lamps) (Feb 68)

O **SAE J914** - Side Turn Signal Lamps for Vehicles less than 36' (12m) in Length (Jan 95)

P **SAE J1432** - High Mounted Stop lamps for Use on Vehicles 80" (2032mm) or More in Overall Width (Sept 97)

Q **SAE J1889** - LED Lighting Devices (Jun 99)

R **SAE J1957** - Center High Mounted Stop Lamp Standard for Vehicles less than 80" (2032mm) in Overall Width (Jun 93)

S **SAE J2039** - Side Turn Signals Lamps for Large Vehicles (Jun 94)

T **SAE J2040** - Tail Lamps (Rear Position Lamps) for Use on Vehicles 80" (2032mm) or More in Overall Width (Apr 99)

U **SAE J2042** - Clearance, Side Marker, and Identification Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width (Jun 96)

V **SAE J2261** - Stop Lamps and Front and Rear-Turn Signal Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width (Mar 96)

W **NFPA 1901** - (2009 Edition) For NFPA application consult current NFPA Specification Lighting Packages Catalog

X **SAE J1398** - Stop Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width

Y **SAE J1395** - Turn Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width

WHELEN LED TERMINOLOGY

Generation 1 - (LED)
5mm diode technology

Generation 2
Piranha diode technology

Generation 3
Barracuda diode technology, standard diode and optic package

Generation 3.5 - (Super-LED®)
A special package containing the brightest diode and widest visibility optic technology available

TIR - (Super-LED)
Whelen's optimized use of Generation 3.5 diodes and unique optics to produce highly intense light that is somewhat directional in nature

Linear-LED® - (Super-LED)
Whelen's patented use of Generation 3.5 diodes and unique reflector optics to produce highly intense light that has superior wide-angle visibility and rivals strobe in performance

SmartLED®
Whelen's distinctive use of self-contained electronics to power and flash a particular LED product. These products require no external flasher, ballast or power supply to operate.

Alphabetical Product Index

Discover other accessory lighting on our website.