

WHELEN[®]

Mining

Professional
Warning &
Illumination



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

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The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user

Lightheds

M2 & M4 Series

- Patented Linear-LED® designed reflector assembly
- Hard-coated lenses minimize environmental damage from sand, 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 warranty



M2A



M4A

| Model | Optics | Colors | Lens | VDC | Flasher | Patterns | Amps | Cert | Size |
|-------|---------------------|--------|-------|-----|----------|--------------------------------------|------------------------------|---------------------------------------|--|
| M2A | Directional warning | A, W | Color | 12 | Built-in | 129 Scan-Lock™ including steady-burn | 1.0 / Peak 0.40 / Average | B (R/A/B) C,D (R/A/B) | 2-1/2" (64mm) H x 1" (25mm) D x 4" (102mm) L |
| M2A24 | | | | 24 | | | - | | |
| M4A | | | | 12 | | 125 Scan-Lock | 1.5 / Peak 0.60 / Average | B (A/B/W) C,D (R/A/B)(R/A/B) | |
| M4A24 | | | | 24 | | | 0.80 / Peak | | |

OPTIONS

| Option | Description |
|---------|--------------------|
| M2FB | Flange, Black |
| M4BRUSH | Brush guard, Black |
| M4FB | Flange, Black |



M4BRUSH

Lightheds

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 sand, 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 warranty



| Model | Optics | Colors | Lens | VDC | Flasher | Patterns | Amps | Cert | Size |
|---------|---------------------|--------|-------|------------------------------------|----------|----------------|-------------------------------|--|--|
| M6A | Directional warning | A, R | Color | 12 | Built-in | 159 Scan-Lock™ | 2.25 / Peak 0.90 / Average | B (R/B) C (R/A/B) | 4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L |
| M6A24 | | | | | | | 1.2 / Peak | | |
| M9R24 | | | | | | | 1.5 / Peak 0.65 / Average | B (R/B) C (R/A/B) D | |
| M9R | | | | 3.0 / Peak 1.2 / Average | | | | | |
| M9A | | | | 1.5 / Peak 0.65 / Average | | | | | |
| M9A24 | | | | Directional warning and scenelight | | | R | Color for warning, Clear for illumination | 12 |
| M9V2A | | | | | | | | | |
| M6BTT24 | | | | | | | | | |
| M6BUW24 | Back-Up | W | Clear | | Steady | 1.6 / Average | N | 4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L | |

OPTIONS

| Option | Description |
|---------|--------------------|
| M6BRUSH | Brush guard, Black |
| M9BRUSH | Brush guard, Black |



M9BRUSH



M6BRUSH

Lightheds

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
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Clear outer lens, color LEDs
- Five year warranty



VTX609C with



VTX609A with

| Model | Optics | Technology | Mount | Color | VDC | Patterns | Amps | Cert | Size |
|----------|------------------|------------|---------------------------------|-------|-----|---------------|-------------------------------|------|----------------------------------|
| VTX609C | Omni-directional | Super-LED | Headlight or taillight, surface | A, W | 12 | 25 Scan-Lock™ | .750 / Peak | D | 1" (26mm) H x 1-5/8" (41mm) Dia. |
| VTX609A | | | | | | | .30 / Average | | |
| VTX609A4 | | | | | | | .375 / Peak .150 / Average | | |

OPTION

| Option | Description |
|--------|---------------|
| VTXFB | Flange, Black |

Super-LED Scenelight

- Super-LED surface mounts are instant on with no warm-up time
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 900 Series lightheds are certified to meet KKK 1822-F requirements and AMD 024 Standard
- Five year warranty



7SC0ENZR



9SC0ENZR

| Model | Series | Technology | Mount | Color | VDC | Patterns | Amps | Cable | Size |
|----------|--------|------------|---------------------------------|-------|-----|----------|----------------|------------|--|
| 7SC0ENZR | 700 | Super-LED | Surface, includes Chrome flange | W | 24 | Steady | 0.38 / Average | 6" pigtail | 7-1/4" (184mm) L x 3-1/16" (78mm) H x 1-1/16" (27mm) D |
| 9SC0ENZR | 900 | | | | 12 | | 6.0 / Average | | 7-1/8" (181mm) H x 1-3/4" (44mm) D x 9-1/8" (232mm) L |
| 9SU0ENZR | | | | | 24 | | 3.0 / Average | | 8" (203mm) L x 1-1/2" (38mm) D x 3-1/2" (89mm) H |

Lightheads

Micron™ Series

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Integrate with other Whelen products through synchronize feature
- Five year warranty



MCRNSA

| Model | Technology | Mount | Color | Housing | VDC | Patterns | Amps | Cable | Size |
|---------|------------------|---------|-------|---------|-----|---------------|-------|------------|--|
| MCRNSA | Linear Super-LED | Surface | A | Black | 12 | 25 Scan-Lock™ | 0.6 | 6" pigtail | 7/8" (23mm) H x 7/8" (23mm) D x 4" (102mm) L |
| MCRNSA4 | | | | | 24 | | 0.300 | | |

ION™ Series

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Integrate with other Whelen products through synchronize feature
- Five year warranty



WIONSMA

| Model | Optics | Technology | Mount | Color | Housing | VDC | Patterns | Amps | Cable | Size |
|----------|--------------------|------------|--------------------------|-------|---------|-----|--------------|-------------------------------|------------|--|
| WIONSMA | Wide-angle warning | Super-LED | Surface, includes flange | A | Black | 12 | 25 Scan-Lock | 1.0 / Peak 0.40 / Average | 6" pigtail | 1-11/16" (43mm) H x 1-1/8" (28mm) D x 5-15/16" (150mm) L |
| WIONSMA4 | | | | | | 24 | | 0.50 / Peak 0.20 / Average | | |

LINZ6™ Series

- Includes Black polycarbonate mounting flange
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 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)
- Five year warranty



LINZ6A

| Model | Optics | Technology | Mount | Color | Encapsulated | VDC | Patterns | Amps | Cable | Size |
|----------|---------------------|-----------------|---------------------|-------|--------------|-----|--------------|---------------------------------|------------|--|
| LINZ6A | Directional Warning | LINZ6 Super-LED | Horizontal, surface | A | Yes | 12 | 25 Scan-Lock | 0.75 / Peak 0.30 / Average | 6" pigtail | 7/8" (23mm) H x 7/8" (23mm) D x 4" (102mm) L |
| LINZ6A24 | | | | | | 24 | | 0.375 / Peak 0.150 / Average | | |

Lighthead

400 Series

- Available with Clear or color lens
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Available with or without internal flasher
- Single level is surface mount
- Individual control of upper and lower level
- Requires LED flasher and optional mounting, purchased separately (not to be used as steady-burn light)
- Five year warranty

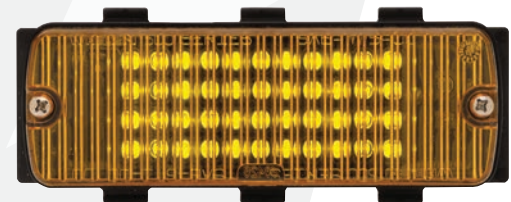


40AA5SCR

| Model | Technology | Mount | Color | VDC | Patterns | Amps | Cable | Cert | Size |
|----------|-------------------|----------------------------|-------|-----|---------------------------|-----------------------------|------------|----------------------|---|
| 40AA5SCR | Linear Super-LED® | Requires optional mounting | A | 12 | Requires optional flasher | 1.8/ Peak 0.72 / Average | 6" pigtail | C W | 3-3/16" (77mm) H x 2" (50mm) D x 4-15/16" (124mm) L |

500 Series

- Available with Clear or color lens
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- LEDs are rated for thousands of hours of operation
- Polycarbonate construction
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Five year warranty



50S00FAR

| Model | Optics | Technology | Mount | Color | VDC | Patterns | Amps | Cable | Cert | Size |
|----------|---------------------|------------|----------------------------|-------|-----|---------------|-------------------------------|------------|----------------------|---|
| 50S00FAR | Directional warning | 5mm LED | Requires optional mounting | A | 12 | 14 Scan-Lock™ | .300 / Peak .120 / Average | 6" pigtail | C D | 1-13/16" (46mm) H x 7/8" (22mm) D x 5-3/16" (131mm) L |
| | | | | | 24 | | | | | |

Lightheds

500 Series

- Requires optional mounting
- Solid color available with Clear or color lens
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- LEDs are rated for thousands of hours of operation
- Vertical cab mount light includes Chrome flange (use one per side)
- Five year warranty



50A02ZAR

| Model | Optics | Technology | Mount | Color | VDC | Patterns | Amps | Cable | Cert | Size |
|----------|-------------|-------------------|--|-------|-----|---------------|---------------------------------|------------|-------------------------------|--|
| 50A02ZAR | Directional | Linear Super-LED® | Horizontal, requires optional mounting | A | 12 | 25 Scan-Lock™ | 1.0 / Peak .40 / Average | 6" pigtail | B (A/B) C D (A/B) | 1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L |
| 50S03ZAR | | TIR6™ Super-LED | | | 24 | | 0.350 / Peak 0.140 / Average | | | |

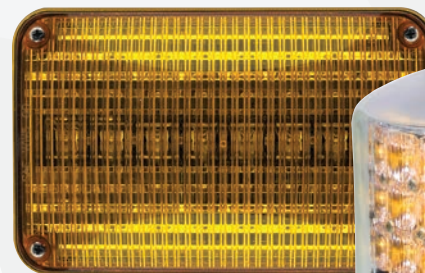
OPTIONS

| Option | Description |
|----------|--------------------|
| 5FLANGEB | Flange, Black |
| 5GROMMET | Rubber grommet kit |

600 Series



- Available with Clear or color lens
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 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 warranty



60A02SAR



6RBA

| Model | Optics | Technology | Mount | Color | VDC | Patterns | Amps | Cable | Cert | Size |
|----------|---------------------|---------------------|---------|-------|-----|---------------------------|------------------------------|------------|---------|--|
| 60A02SAR | Warning | Linear Super-LED | Surface | A | 12 | Requires optional flasher | 1.40 / Peak .53 / Average | 6" pigtail | B, C, D | 4-1/8" (105mm) H x 2" (50mm) D x 6-1/2" (165mm) L |
| 60S02FAR | | | | | 24 | | | | | |
| 6RBA | Oscillating warning | Rota-Beam Super-LED | | A | 12 | 14 Scan-Lock | 2.2 / Peak 1.1 / Average | | W | 4-3/16" (106mm) H x 3-7/16" (88mm) D x 6-9/16" (167mm) L |

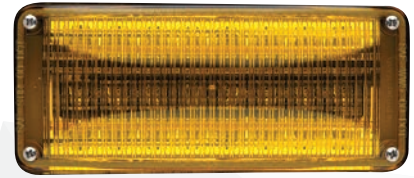
OPTIONS

| Option | Description |
|----------|---------------|
| 6FLANGEB | Flange, Black |

Lightheds

700 Series

- Available with Clear or color lens
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Available with or without internal flasher
- Low power
- Five year warranty



70A02SAR

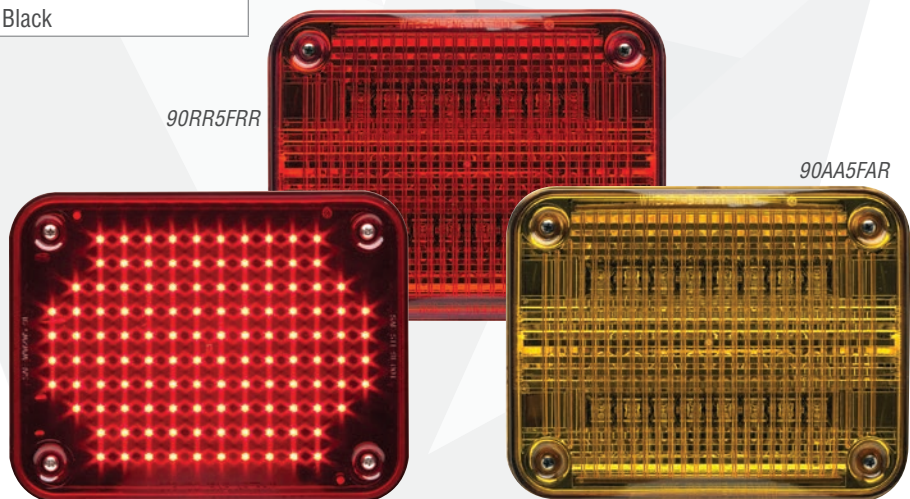
| Model | Optics | Technology | Mount | Color | VDC | Patterns | Amps | Cable | Cert | Size |
|----------|----------------------|-------------------|---------|-------|-----|---------------------------|--------------------------------------|------------|---------|---|
| 70A02SAR | Directional, warning | Linear Super-LED® | Surface | A | 12 | Requires optional flasher | 1.40 / Peak .53 / Avg | 6" pigtail | B, C, D | 3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L |
| 70S02FAR | | | | | 24 | 14 Scan-Lock™ | 1.4 / Peak .53 / Average per side | | | |

OPTIONS

| Option | Description |
|----------|---------------|
| 7FLANGEB | Flange, Black |

900 Series

- Largest surface mount with dual level LEDs
- Available with Clear or color lens
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Available with or without internal flasher
- Low power
- Five year warranty



90RR5FRR

90AA5FAR

90BTT

| Model | Optics | Technology | Mount | Color | VDC | Patterns | Amps | Cable | Cert | Size |
|----------|----------------------|------------------|---------|-------|-------------------------|-----------------------------------|---------------------------|------------|---------|---|
| 90AA5FAR | Directional, warning | Linear Super-LED | Surface | A | 12 | Requires optional flasher | 2.8 / Peak 1 / Average | 6" pigtail | B, C, D | 7-1/8" (181mm) H x 1-3/8" (35mm) D x 9-1/8" (232mm) L |
| 90RR5FRR | | | | R | | 14 Scan-Lock steady-burn & Hi/Low | | | | |
| 90BTT4 | B/T/T | Super-LED | R | 24 | Steady and SignalAlert™ | 0.70 / Brake 0.075 / Tail | A, B, C, W | | | |
| 90BTT | | | | 12 | | 375 / Brake 0.40 / Tail | | | | |

OPTIONS

| Option | Description |
|----------|---------------|
| 90FLANGB | Flange, Black |

Lighthead

Wing/Plow Series

- Fully encapsulated for vibration, moisture and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Two styles of Amber lighthead provide complete coverage whether snowplow wing is in the operation position or in the stowed travel position
- Five year warranty



WFLOWZ3A

| Model | Usage | Technology | Patterns | VDC | Cable | Housing |
|-----------|---------------------|------------------|-----------------------------------|-----|--|------------------|
| WFLOWZ3A | Deployed/ Stowed | LINZ6™ SmartLED® | 24 Scan-Lock™ plus steady-burn | 12 | 20' heavy-duty TPR with built in strain relief connectors | Cast aluminum |
| WFLOWZ3A4 | | | | 24 | | |

Packer™ System

- Super-LED® lighthead are tough, encapsulated for vibration and moisture resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Highly effective, super bright LEDs are the lighting of choice. Reliable and road tested for the long haul
- Two wire (power and ground) cabling is easy to install right out of the box
- Saves your battery, keeps your warning system working as long as you do
- All internal connections are Deutsch® waterproof connectors for years of trouble free service
- Cables are tin coated copper stranded for water, oil, and corrosion resistance
- Five Year Warranty



PACKER2

PACKER1

| Model | Optics | VDC | Cable | Housing | Size |
|---------|------------------------------------|-----|--|--------------------|--|
| PACKER1 | Four TIR6 Super-LED | 12 | 25' TPR cabling with strain relief tubing | Stainless steel | 13-3/4" (349mm) H x 4-1/2" (114mm) D x 4-1/4" (108mm) W |
| PACKER2 | Two TIR6 and two TIR3 Super-LED | | | | 3-1/4" (82mm) H x 5-1/2" (140mm) D x 15-1/4" (387mm) W |

Spot & Floodlights

Pioneer LiFe™

Introducing the Pioneer LiFe Series, a family of revolutionary battery powered portable area lights designed to bring Whelen's advanced Pioneer technology where other lights can't go.

The Pioneer LiFe LF35 is the first of its kind, combining an all new Pioneer SlimLine™ optic with the portability and flexibility of a grab and go light.

The Intelligent Inductive Charger™ (IIC™) with no exposed contacts provides easy, wireless charging, and the built-in battery is lightweight and thermally protected. The LiFe LF35 is just 7.5 pounds, lighter than any other portable area light on the market today.

Design

- Hard-coated lenses minimize environmental damages
- Impact resistant glass reinforced nylon housing in Safety Yellow
- Robust adjustable ratcheting mechanism allows for a 180° range of uninterrupted light
- Push-button power switch and top handle are easy to use with gloved hands
- Well balanced top handle is designed to be over the center of mass
- IP67 rated for dust and water resistance
- Virtually no RFI/EMI radiation, the portable area light will not interfere with portable communication devices

• Specifications

- 7.59" H (192.7mm), x 9.17" W (232.9mm), x 9.20" D (233.7mm)
- Five year warranty



Battery

- Built-in lightweight lithium iron phosphate battery utilizes LiFePO4 technology
- With 20 minutes left of battery life, light will flicker to remind the user to charge the battery
- With 15 minutes left of battery life, light will dim to a reduced intensity to preserve output time

Intelligent Inductive Charger

- IIC is specifically designed to work with Pioneer LiFe LF35 lights only
- Chargers available in 12 VDC, 120 VAC, and 240 VAC

- Green** Fully Charged
- Red** Charging
- Amber** Fault Detection
- Blue** Foreign Object Detection



Spot & Floodlights

Pioneer Nano™

- Available in 3 or 6 diode models
- Die-cast aluminum powder coated housing in Black or White
- Long life LED operation with low current draw and low operating temperature
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 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
- Five year warranty



NP6BB



NP3BB

| Model | Diodes | Mount | Housing | VDC | Amps | Watts | Lumens | Size |
|--------|--------|-----------|---------|-----|------|-------|--------|---|
| NP3BB | 3 | Bail/stud | Black | 12 | 1 | 12.8 | 1100 | 1-7/8" (48mm) H x 1-3/4" (44mm) D x 3-1/2" (89mm) L |
| NP6BB | 6 | | | | 1.5 | 19.6 | 1800 | 2-5/8" (67mm) H x 1-3/4" (44mm) D x 3-1/2" (89mm) L |
| NP6B4B | | | | 24 | 0.75 | | | |

Pioneer Micro™

- Long life LED operation with low current draw and low operating temperature
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 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
- Powder coated stainless steel bail bracket with 3/8" stud carriage bolt mount
- Five year warranty



MPBB

| Model | Mount | Housing | VDC | Amps | Watts | Lumens | Size |
|-------|-----------|---------|-----|------|-------|--------|---|
| MPBB | Bail/stud | Black | 12 | 3.5 | 44.8 | 4100 | 4-1/4" (108mm) H x 2-7/8" (73mm) D x 4-3/4" (121mm) W |
| MPB4B | | | 24 | 1.75 | | | |

Spot & Floodlights

Pioneer SlimLine™ Series

- Die-cast aluminum powder coated housing in White or Black
- Long life LED operation with low current draw and low operating temperature
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Single lamp models include 8° spotlight lens supplied on lighthouse and one additional lens supplied for light dispersion of 40°x 20° flood
- Dual lamp models include 8° spotlight lens supplied on lighthouse, 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
- Five year warranty



| Model | Mount | Lamp | Housing | VDC | Amps | Watts | Lumens | Size |
|---------|---------------------------|--------|---------|-----|------|-------|--------|---|
| PSL1BB | Bail/stud | Single | Black | 12 | 3 | 39.2 | 3600 | 3-1/4" (82mm) H x 2-1/8" (55mm) D x 6-7/8" (175mm) W |
| PSL2BB | | Dual | | | 6.1 | 78.3 | 7300 | 3-1/4" (82mm) H x 2-1/8" (55mm) D x 12-1/2" (317mm) W |
| PSL2P4B | Low profile Ped/Swivel | | | 24 | 3 | | | 5-5/8" (143mm) H x 2" (51mm) D x 12-1/2" (317mm) W |

OPTIONS

| Option | Description |
|----------|--|
| PSL24BLK | Dual, Black, mounting purchased separately |

Spot & Floodlights

Pioneer™ Surface Mount

- Long life LED operation with low current draw and low operating temperature
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 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
- Five year warranty



PCPSM2B

| Model | Lamp Type | Housing | VDC | Amps | Watts | Lumens | Size |
|----------|-----------|---------|-----|------|-------|--------|---|
| PCPSM2B | Dual | Black | 12 | 12 | 154 | 16,000 | 6-3/8"(162mm) H x 1-3/4" (44mm) D x 9"(228mm) L |
| PCPSM24B | | Black | 24 | 6 | 154 | | 6-3/8"(162mm) H x 1-3/4" (44mm) D x 9"(228mm) L |

Pioneer Plus™

- Long life LED operation with low current draw and low operating temperature
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- LEDs operate at very high light efficiency producing high lumen output per watt
- Available in four intensities
- Die cast aluminum powder coated housing
- Long life LED operation with low current draw and low operating temperature
- Solid-state electronics
- Instant On/Off eliminates ramp-up time and high current in-rush
- Removable handle standard on pedestal and pole mount models
- Five year warranty



| Model | Lamp Type | Housing | VDC | Size |
|---------|-----------|---------|-----|---|
| PFP2P1B | Dual | Black | 12 | 9-3/4" (247mm) H x 6-1/16" (155mm) D x 14-1/16" (357mm) W |
| PFP24B | | | 24 | 3-11/16" (94mm) H x 2-1/2" (64mm) D x 14" (356mm) L |
| PFS2P | | | 12 | 9-3/4" (247mm) H x 6-1/16" (155mm) D x 14-1/16" (357mm) W |

Spot & Floodlights

3200 Series Folding Tripod AC Pole Assemblies

- 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 warranty



3300 Series Ground Tripods

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



Spot & Floodlights

Hand Held Spotlight

- 90# pull magnet mount with 8' coiled cord and cigar plug
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Built-in push-button On/Off switch
- Five year warranty

| Model | Lighting | Diodes | VDC | Amps | Lumens | Mount |
|---------|-----------|--------|-----|------|--------|------------------------------|
| P46HHS | Spotlight | 18 | 12 | 2.3 | 2000 | Hand held, (includes magnet) |
| P46HHS4 | | | 24 | 0.93 | | |

P46HHS



High Intensity Drive Light

- Self-contained
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- LED Landing Light Assembly
- All current source and electronic circuitry is contained within the housing
- Outer lens allows for mounting externally
- Diffusion lens available upon request

9036125



| Model | Part Number | Technology | Lens | VDC | Amps | Size |
|---------|---------------|------------|---------------|-----|------|-----------------------------------|
| 9036125 | 01-0790361-25 | Fog Lamp | Polycarbonate | 28 | 1.5 | 4.70 (119mm), Dia x 2.87 (73mm) D |

The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user

Spot & Floodlights

Continuum™ Series

- Spot or Flood Optic LED modules
- Hard-coated lenses will not degrade with UV exposure
- IP67 Rated for dust and water resistance
- Black powder coated extruded aluminum housing protects the lightbar from environmental damage
- Universal “L” bracket mount standard, other mounting options available
- Easily serviceable front-load design
- Plug & Play Waterproof wiring harness with waterproof relay and switch included
- Five year warranty



| Model | Series | Lamp | LEDs | Lenses | Lumens | Colors | Amps | VDC | Size |
|-------|------------|------------|------|-----------------|--------|--------|------------------|-----|---------------|
| S1F | Single Row | Floodlight | 9 | Clear or Smoked | 2100 | W | 2.3 / Per module | 12 | 10" (254mm) L |
| S2SF | | | | | 5000 | | 5 / Per module | | 20" (508mm) L |
| C1F | Dual Row | | | | 2100 | | 2.3 / Per module | | 10" (254mm) L |
| C2SF | | | | | 5000 | | 5 / Per module | | 20" (508mm) L |

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 warranty



| Model | Mount | Controller | Lens | Base | VDC | Amps | Lumens |
|--------|-----------|------------|---|---------------|-----|----------|--------|
| PT360P | Permanent | Wired | Hard-coated polycarbonate to resist scratches and UV damage | Polycarbonate | 12 | 2 / Peak | 1475 |

Mini Lightbars

Mini Freedom® IV Series

- SAE Class 1 Certified
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Four Linear-LED® corner modules
- Add up to 4 additional inboard Super-LED® modules. Take-down and alley lights for permanent mount only
- Clear outer domes with Clear dividers
- Available in Amber, and White
- Five year warranty



F4MAAAAP

| Model | Technology | Mount | Amps | VDC | Patterns | Base | Lens | Size |
|----------|------------|-----------|---|-----|------------------|----------------------|-------|---|
| F4MAAAAP | Linear-LED | Permenant | 8 / Peak 3.2 / Average per corner | 12 | 58 Scan-Lock™ | Extruded aluminum | Clear | 3-3/4" (95mm) H x 12-1/2" (318mm) W x 21-1/2" (546mm) L |
| F4MAAAAM | | Magnetic | | | | | | |

OPTIONS

| Option | Description |
|---------------------------------|---|
| F4DL* | One single long 12 Super-LED lighthouse, Amber, or White |
| For Permanent Mount Only | |
| F4MA3 | Two 3-LED Super-LED alley lights, includes harnesses |
| F4MA6 | Two 6-LED Super-LED alley lights, includes harnesses |
| F4MTL3 | Two 3-LED Super-LED long take-down lights, includes harnesses |

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

| Option | Description |
|---------------------------------|--|
| For Permanent Mount Only | |
| F4MTL6 | Two 6-LED Super-LED long take-down lights, includes harnesses |
| F4MTATL3 | Two 3-LED Super-LED alley lights and two 6-LED Super-LED long take-down lights, includes harnesses |
| F4MTATL6 | Two 6-LED Super-LED alley lights and two 6-LED Super-LED long take-down lights, includes harnesses |

Mini Freedom Rota-Beam™ Series



- SAE Class 1 Certified
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 100% solid-state Rota-Beam modules give the sweeping effect of a traditional halogen rotator without the mechanical and bulb failures
- Models with two or four Rota-Beam corner modules
- Cruise light standard for corner modules
- Color or Clear lenses
- 15' cable standard
- Available in Amber, Blue, and Red
- Five year warranty



FB8AAAAP

| Model | Technology | Mount | Amps | VDC | Patterns | Base | Lens | Size |
|----------|--------------------|-----------|--|-----|------------------|--------------------------------|------------------------------|---|
| FB8AAAAP | Rotating Super-LED | Permanent | 2.2 / Peak 1.1 / Average per rotator | 12 | 10 Scan-Lock™ | Extruded aluminum I-Beam | Clear, color available | 3-3/4" (95mm) H x 12" (304mm) W x 28-1/4" (717mm) L |

OPTIONS

| Option | Description |
|---------|---|
| FRB* | One Rota-Beam module for inboard, front or rear, available in Amber, or White |
| FRALF1 | Two LR11 alley lights with 15° horizontal adjustment |
| FRALF1D | Two dual LR11 alley lights with horizontal adjustment |

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

| Option | Description |
|---------|--|
| FRTLS1 | Two LR11 work lights with 15° horizontal adjustment |
| FRALF1D | Two dual LR11 work lights with horizontal adjustment |

The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user

Mini Lightbars

Mini Century™ Series

- SAE Class 1 Certified
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 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 warranty



| Model | Color | Mount | Base | Technology | Amp | VDC | Patterns | Lens | Size |
|--------|-------|----------|----------|--------------------------|-----------------------------|-----|-------------------------|-------|--|
| MC11MA | A, W | Magnetic | Aluminum | Linear Super-LED corners | 3.6 / Peak 2.2 / Average | 12 | 17 Flash patterns | Amber | 2-1/2" (64mm) H x 7-1/2" (191mm) D x 11" (279mm) L |
| MC16MA | A, W | | | TIR6 Super-LED inboards | 4.8 / Peak 3 / Average | | | | 2-1/2" (64mm) H x 7-1/2" (191mm) D x 16" (406mm) L |

Mini Justice® Series

- SAE Class 1 Certified
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Super-LED® CON3™ inboard 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 warranty



MJYAAAAM

| Model | Technology | Mount | Amps | VDC | Patterns | Base | Lens | Size |
|----------|-------------|----------|---|-----|-----------------|----------------------|------------------------------|---|
| MJYAAAAM | Linear-LED® | Magnetic | 4 / Peak 1.6 / Average (4 corners only) | 12 | 79 Scan-Lock | Extruded aluminum | Clear, color available | 2-1/4" (57mm) H x 12" (304mm) W x 22" (558mm) L |

OPTIONS

| Option | Description |
|--------|--|
| JDCA | One CON3 Super-LED module |
| JDH* | One LTR3™, Super-LED module. For use with MJTDAL only |

| Option | Description |
|----------|---|
| MJTDALL1 | Four LR11 Super-LEDs, two steady-burn work lights, and steady-burn alley lights with 15° horizontal adjustment, for permanent models only (Replaces MJTDAL) |

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

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Mini Lightbars

Responder® LP Series

- SAE Class 1 Certified
- Super-LED low profile linear (LIN6™) or conical (CON3™) mini lightbar
- Polycarbonate dome
- Hard-coated domes resist environmental damage from sand, sun, salt, and road chemicals
- Available with extruded aluminum base or polycarbonate base
- Available in permanent, magnetic, and magnetic/suction mount models
- Color outer dome standard on single color models, Clear outer dome standard on two color models
- DUO™ technology model has different color LEDs in the same module allowing lightbar to flash different colors
- Five year warranty



R2LPMA & R2LPMA4

| Model | Color | Mount | Base | Technology | Amp | VDC | Patterns | Size |
|---------|-------|----------|---------------|-------------|---------------------------|-----|------------------|---|
| R2LPMA | A | Magnetic | Polycarbonate | Linear-LED® | 6 / Peak 2.4 / Average | 12 | 54 Scan-Lock™ | 2-7/8" (73mm) H x 6-5/16" (160mm) W x 17" (431mm) L |
| R2LPMA4 | A | | Aluminum | | 3 / Peak 1.2 / Average | 24 | | 3-1/4" (82mm) H x 6-5/16" (160mm) W x 17" (431mm) L |

Pit Traffic Control Light

- 120 VAC, twelve Super-LED® assemblies plus a Super360-LED™ Beacon
- Comes complete with signal unit, control unit, and 20' of interconnect cable
- Weatherproof enclosure
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Super-LEDs reach full intensity quicker than glass or gas filament lamps
- Super-LEDs feature extremely low amp draw
- Super-LEDs are epoxy encapsulated for optimum moisture/vibration protection
- Super-LEDs have a typical life of 100,000 hours
- Color combinations of your choice



| Model | Technology | Color | Housing | Amp | VAC | Lens | Size |
|---------|------------|---------|--------------------|--------------------------|-----|-------|---|
| RTR12AG | Super-LED | A, G, R | Aluminum, Black | 12 / Peak 5 / Average | 120 | Clear | 13-7/8" (352mm) H x 12-3/8" (314mm) D x 31-3/4" (806mm) L |

The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user

Super-LED® Lightbar

Dominator™

- SAE Class 1 Certified
- Low profile surface mount housing designed for interior or exterior use
- Choice of TIR3™ modules
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Internal self-contained electronics
- Slide bolt mount
- Five year warranty



D6AAAAAA

| Model | Lamps | Lamp Type | Housing | Length | VDC | Amps | Patterns |
|----------|--------|-----------|-------------------|----------------|-----|--|--|
| D6AAAAAA | 6 Lamp | TIR3 | Extruded aluminum | 21" (533mm) | 12 | 0.44 / Peak 0.2 / Average per module | 7 Flash patterns and steady on mode, pairs may be synchronized to each other |

OPTIONS

| Option | Description |
|--------|--|
| DBKT4 | "L" angle mounting bracket kit, customer installed |

Beacons

Rota-Beam™ R416 & R316 Series



- SAE Class 1 Certified
- Medium profile, smooth polycarbonate outer dome
- Hard-coated domes resist environmental damage from sand, sun, salt, and road chemicals
- 100% solid-state electronics
- Conformal coated electronics for moisture and vibration resistance
- Cruise light feature
- Available in permanent and magnetic mount models
- Integrate with other Whelen products through synchronize feature
- Available in Amber and White
- Five year warranty



| Model | Mount | LED Color | Dome Color | Base | VDC | Amps | Patterns |
|---------|-----------|------------------------|------------|-----------------------------|-----|----------------|---|
| R316AF4 | Permanent | Single | Color | Powder coated cast aluminum | 24 | 2.25 / Average | 32 Scan-Lock™ with varying rotating flash rates |
| R316RAM | Magnetic | Split Color Front/Rear | | | 12 | | |
| R416RAM | | | | | | | |

OPTIONS

| 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 | Replacment Dome |
|-------|-------------------------------|
| R316 | 68-2984063-*0 Replacment Dome |
| R416 | 68-2986501-*0 Replacment Dome |

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

The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user

Beacons

L31 & L32 Series

- SAE Class 1 Certified (Amber)
- Powder coated die-cast base
- Hard-coated domes resist environmental damage from sand, sun, salt, and road chemicals
- 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 warranty



| Model | Mount | LED Color | Dome Color | Base | VDC | Amps | Patterns |
|---------|-----------|-----------|------------|-------------------|-----|---------------------------|--|
| L31HAF | Permanent | Single | Color | Die cast aluminum | 12 | 5 / Peak 2 / Average | 30 built-in Scan-Lock™ flash patterns plus 4 simulated rotating patterns |
| L31HAM4 | Magnetic | | | | | | |
| L32LAM4 | | | | | 24 | 2.5 / Peak 1 / Average | 75 SignalAlert™ only |

OPTIONS

| Options | 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) |

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

The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user

Beacons

L10 Series

- SAE Class 1 Certified (Amber)
- High and low dome models
- Hard-coated domes resist environmental damage from sand, sun, salt, and road chemicals
- 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 warranty



L10HAM

| Model | Mount | LED Color | Dome Color | Base | VDC | Amps | Patterns |
|---------|----------|-----------|------------|---------------|-----|-----------------------------|--|
| L10HAM | Magnetic | Single | Color | Polycarbonate | 12 | 1.0 / Peak 0.4 / Average | 75 SignalAlert™ default pattern 18 flash patterns available |
| L10HAM4 | | | | | 24 | | |

OPTIONS

| 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 |

| Option | Replacement Dome |
|---------|------------------|
| DH2000* | High dome |
| DL2000* | Low dome |

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

The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user

Beacons

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
- Hard-coated domes resist environmental damage from sand, sun, salt, and road chemicals
- Available in combination, magnetic, and magnetic/suction mounts
- Virtually no RFI/EMI radiation
- Available in Amber and White
- Five year warranty

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



| Model | Mount | LED Color | Dome Color | Base | VDC | Amps | Patterns |
|---------|------------------|-----------|------------|---------------|-----|-------------------------------|--|
| L21HAM | Magnetic | Single | Color | Polycarbonate | 12 | 1.5 / Peak 0.60 / Average | 25 Scan-Lock™ patterns including steady-burn |
| L21HAP4 | Combination | | | | 24 | 0.75 / Peak 0.30 / Average | |
| L21HAV4 | Magnetic/Suction | | | | | 0.32 / Peak 0.13 / Average | |
| L22HAP4 | Combination | | | | | | |

OPTIONS

| 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 |

| Option | Replacement Dome |
|---------|------------------|
| DH2000* | High dome |
| DL2000* | Low dome |

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

The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user

Beacons

B63 Series Combination Tailboard Lighting

- Designed for use in NFPA 1901 Specification lighting packages, this series combines 360° warning and directional lighting in a single fixture
- Super-LED® beacon and 700 Series Linear-LED® have built-in flashers providing multiple flash patterns, plus cruise light mode on LED beacon
- Lower level light offered in single or split color
- Hard-coated lenses and domes resist environmental damage from sand, sun, salt, and road chemicals
- Five year warranty on LEDs
- Three year warranty on halogen motor assembly



B63M7R1

| Model | Mount | Lower Lighting | Upper Lighting | Base | VDC | Amps | Size |
|---------|----------------|-------------------------|---------------------------------|-------------------|-----|-----------------------------|--|
| B63M7R1 | Flat permanent | M7 Super-LED lighthouse | R316 Super-LED Rota-Beam beacon | Polished aluminum | 12 | 4.5 / Peak 3.1 / Average | 7-3/8" (187mm) H x 7-13/16" (198mm) W x8-1/16" (204mm) D |

Sirens & Speakers

Power Air Horn

- An inexpensive supplement to your standard car horn
- Delivers 100 watts of power to a 100 watt siren speaker (purchased separately)
- Can be wired remotely to the horn ring of the vehicle or to a (customer supplied) switch
- Sturdy amplifier housing mounts in the trunk, under the seat, or other remote locations
- Power Airhorn Plus (PAP112) features public address and a high gain microphone with PA volume control
- Can be used with standard 100 watt siren speakers including Whelen SA314P.
- Draws 8 amps at 12.8 VDC



PAP112

| Model | Series | Siren Type | Output Power (Watts) | VDC | Switches | Hands-Free | Siren Tones | Micro-phone | Mount | Size |
|--------|-----------|---------------|----------------------|-----|---|------------|---------------|-------------|--------------|---|
| PAP112 | PA Series | Power airhorn | 100 | 12 | Can be wired remotely to the horn ring or to a customer supplied switch | - | 1 Includes PA | Yes | Bail Bracket | 2-1/4" (57mm) H x 5-1/2" (140mm) D x 5-3/8" (137mm) W |

OPTIONS

| Option | Description |
|----------|--|
| PAPEXT15 | 15' Microphone extension cable for PAP112 only |

Sirens & Speakers

SA315P Speaker

- All weather nylon composite black housing with front loaded, powder coated speaker driver.
- Superior performance in a very small profile package. Only 2-7/8" in depth.
- Exceeds California Title XIII, Class A and S.A.E. J1849 requirements with most sirens (120-123dB @10').
- Optimum performance assured when used with all Whelen high-power electronic sirens.
- Easily installs to the radiator cross member in just a few minutes (without dismantling the front grille of the vehicle).
- Truer tone quality and wider/higher frequency response than speakers of comparable size.
- Universal mounting bracket, plus vehicle specific brackets available.
- Compact size is ideal for concealed installations in any type vehicle.
- Two year standard Whelen warranty.



SA315P with SAK1
Universal bracket



SA315P

| Model | Series | Speaker Type | Output Power | VDC | Housing | Mount | Size |
|--------|-------------------|-----------------------------|--------------|-----|-----------------------|--|--|
| SA315P | Projector™ Series | High performance multi-port | 100 Watts | 12 | Black nylon composite | Vehicle specific Consult current price list | 6-1/2" (165mm) H x 2-7/8" (74mm) D x 6-7/16" (164mm) W |

OPTIONS

| Option | Description |
|--------|--|
| SAK1 | Universal "L" bracket |
| SAK9 | Universal/swivel bail type mount bracket |

Mass Notification

Alert & Inform

The basic purpose of a Mass Notification Product is the ability to ALERT through a tone and INFORM through voice. If your siren system is producing only a tone, then it's only doing half it's job!

The most effective way to warn the public is to issue a tone warning and follow it with a clear, deliberate and powerful voice message. This two-step approach, ALERT and INFORM, will eliminate confusion, restore order and most importantly, save lives.

Our WPS2900 Series accomplishes this in two ways. One is to ALERT, the other is to INFORM through omnidirectional voice and tone warning. The WPS2900 Series delivers voice warning and broadcasting of unequalled clarity at uniform power levels (+/- 1dB) throughout 360°.



Type III Electronic Cabinet



WPS2905

Ten models serve a wide variety of applications as shown here



WPS2905 With Solar Panel

Lighting Certifications

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

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