

# AMBER CATALOG

PROFESSIONAL WARNING AND LIGHTING

---

A comprehensive guide to Whelen's  
lighting and warning products



**WHELEN**  
MANUFACTURED IN AMERICA

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**whelen.com**  
 TO LEARN ABOUT OUR FULL LINE OF  
 EMERGENCY LIGHTING AND WARNING  
 PRODUCTS

@WhelenENG



# About Whelen

Whelen engineering designs and manufactures reliable and powerful warning lights, white illumination lighting, sirens, controllers, and high-powered warning systems for Automotive and Mass Notification industries worldwide. Whelen products have been proudly designed and manufactured in America since 1952. With quality as the foundation, Whelen celebrates innovative engineering with every product made.

**Manufactured in America for over 70 years.**  
**We never left and we're here to stay.**



Chester, Connecticut facility



Charlestown, New Hampshire facility

# Icon Legend

12 Volt	24 Volt	10-30 Volts	120 AC	IP67 Rated	AC Models UL Approved	Cruise	Hard-Coated	Low Current Switching	Standard Current	Sync	WeCan® Compatible	WeCanX® Compatible
1 Year Warranty	2 Year Warranty	5 Year Warranty	Scan-Lock™	Real Time Diagnostics	SAE Class 1	SAE Class 2	SAE Class 3	CA Title 13 Available	R65 Class 1	R65 Class 2	R65 Class 3	

# Tech Glossary

## Conformal Coating

A thin material that conforms to the contours of the PCB to protect the electronic components from harsh environments and impact

## DUO™

Two-color interleaved LEDs

## DUO+™

Two-color interleaved with independent control of color one and color two

## DVI™

DVI patterns gradually increase and decrease warning light intensity, which better conveys visual information to approaching motorists at night. These patterns clearly indicate when a vehicle is parked and improves a driver's ability to safely navigate around a work zone

## DYAD™

Two-level technology

## Encapsulated

Lightheds are fully encapsulated for moisture and vibration resistance.

## Hard-Coat

Whelen's industry-first innovative Hard-Coating process counteracts the effects of environmental and chemical damages to our lenses and domes.

## Linear-LED® (Super-LED®)

Whelen's optimized use of the latest generation of LEDs and unique reflector optics to produce highly intense light that has superior wide-angle visibility and rivals strobe in performance

## Low Current

Low current function wires require less than 0.25 amp to operate, allowing for simple operation of each lightbar function.

## Proclera® Silicone Optics

Whelen's innovative and efficient solution to distorted optical shape and fringe lighting. Proclera Optics feature 100% internal silicone optic technology, an increased ability to harness LED output and better direct and focus light, and a fully filled square TIR optic to increase optic efficiency compared to a conventional circular TIR.

## Rota-Beam™

Solid-state "rotating" technology, simulating the appearance of a rotating beacon without any moving parts or motors for long-life reliability.

## Scan-Lock™

Whelen's advanced method of changing a products flash pattern. Scan-Lock utilizes an external wire to allow the user to cycle through the entire range of flash patterns, allowing for full customization.

## Scan-Lock™ +

The Scan-Lock+ app is the simplest way to change Whelen flash patterns. Designed for optimal convenience, Scan-Lock+ features an easy to use interface and utilizes a Bluetooth connection. Download the Scan-Lock+ app and browse, test, and assign Whelen flash patterns right from your phone.

## 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.

## SOLO™

Single-color LED

## Split

Two-color lightheds where each color fills half of the reflector

## Standard Current

Lightbar functions are wired directly to the switching device and require switches that are matched to the current draw of the desired functions to be activated.

## Super-LED®

Whelen's innovative LED technology

## Sync

Sync provides the ability to connect multiple Whelen devices to flash together or in alternating patterns. Products with this capability allow the user to create coordinating flashing schemes.

## TIR (Total Internal Reflection)

Whelen's optimized use of the latest generation of LEDs and unique reflector optics to produce highly intense light that can be directional in nature.

## TRIO™

Three-color interleaved with independent control of color one, color two, and color three

## WeCad™

Engineered for optimal accessibility, WeCad lightbar designer delivers the ability to design custom Whelen lightbars with every available option. Adding R65 compliant options is simple, and a bill of materials will be generated to make ordering fast and easy.

## WeCan®

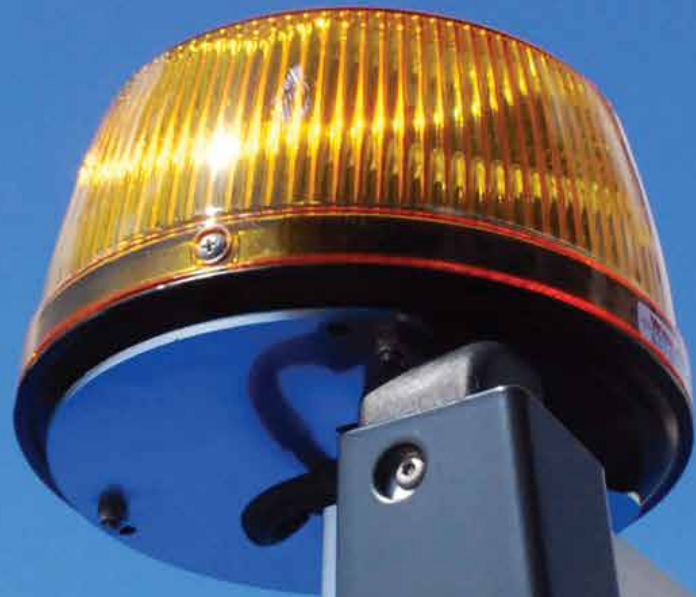
Whelen's proprietary CAN-based communication system

## WeCanX®

Whelen's smartest and most powerful CAN-based communication system. WeCanX provides true system synchronization, greater speed capabilities, expanded peripheral add-ons, and full support of diagnostics.



# BEACONS



## R316 & R416 Series



Features available across product family. May not apply to every model.



R316AF



R416AF

### FEATURES

- 100% solid-state “rotating” technology simulates the appearance of a rotating beacon without any moving parts or motors
- Smooth polycarbonate outer dome
- Virtually no RFI/EMI radiation
- Powder-coated die-cast aluminum base
- Conformal coated electronics for moisture and vibration resistance
- Available in permanent, magnetic and magnetic/suction mount models
- Dynamic Variable Intensity™ (DVI™) light patterns

Model	Mount	Profile	LED Color	Dome	Amps	VDC	Patterns	Compliance	Dimensions
R316*F	Permanent	Low	Single Amber or White	Color	2.25	12	32 Scan-Lock™ With Varying Rotating Flash Rates	SAE Class 1	4" (102mm) H x 7.20" (183mm) Dia.
R316*M	Magnetic		Split-Color Front/Rear Amber/White or Amber/Blue	Clear					
R316*V	Magnetic/Suction								
R316**F	Permanent								
R316**M	Magnetic								
R316**V	Magnetic/Suction	High	Single Amber or White	Color	2.25	12	32 Scan-Lock™ With Varying Rotating Flash Rates	SAE Class 1	4.80" (123mm) H x 6.40" (163mm) Dia.
R416*F	Permanent		Split-Color Front/Rear Amber/White or Amber/Blue	Clear					
R416*M	Magnetic								
R416*V	Magnetic/Suction								
R416**F	Permanent								
R416**M	Magnetic								
R416**V	Magnetic/Suction								



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White, B=Blue  
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. Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

### OPTIONS



L40BG Branch Guard



MIRROR20 Mirror Mount Bracket



BBKT30 Shelf Mount Bracket



L360BGB Branch Guard



L360PMKT Pipe Mount Kit

# L31 & L32 Series



Features available across product family. May not apply to every model.  
 \*Please contact Whelen for specific photometric information regarding CA Title 13 lighthead and configurable lightbar product conformance.



L31HAF



L32LAF

## FEATURES

- Super-LED® beacon
- Powder-coated die-cast base
- Conformal coated electronics for moisture and vibration resistance
- Virtually no RFI/EMI radiation
- Alternately or simultaneously flash multiple patterns with up to 8 Whelen Super-LED 360° beacons (permanent mount)
- Smooth polycarbonate outer dome

Model	Mount	Profile	LED Color	Amps	VDC	Patterns	Control	Compliance	Dimensions
L31H*F	Permanent	High	Amber or White	4.0/Peak, 1.6/Avg	12	Permanent Mount 69 Built-In Scan-Lock™ Flash Patterns Plus 4 Simulated Rotating Patterns	Hi/Low Control	SAE Class 1	4" (102mm) H x 7.19" (182mm) Dia.
L31H*M	Magnetic				-				
L31H*V	Magnetic/Suction		-						
L31HAF4	Permanent		Amber		24		Magnetic Mount SignalAlert™ 75 Only	Hi/Low Control	
L31HAFCA	Magnetic	-							
L31HAMCA	Magnetic	Amber/Blue	Amber/Green	12	Magnetic Mount SignalAlert™ 75 Only	-	SAE Class 1		
L31HAVCA	Magnetic/Suction					-			
L31HMF	Permanent	Low	Amber or White	2.0/Peak, 0.8/Avg	24	Hi/Low Control	SAE Class 1	2.63" (67mm) H x 7.19" (182mm) Dia.	
L31HPF						-			
L32L*F	Magnetic	Amber	Amber	12	Magnetic Mount SignalAlert™ 75 Only	Hi/Low Control	SAE Class 1		
L32L*M						-			
L32L*V	Magnetic/Suction	-	-	-	-	Hi/Low Control	-		
L32LAF4	Permanent	-	-	-	-	Hi/Low Control	-		



\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue, C=White, M=Amber, P=Amber/Green  
 Clear dome models are available. Consult price list for ordering information.  
 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.  
 Consult current price list for full list of available options at whelen.com/literature.

## OPTIONS



MIRROR20 Mirror Mount Bracket



BBKT30 Shelf Mount Bracket



L360BGB Branch Guard



L360PMKT Pipe Mount Kit

# L41 Series



Features available across product family. May not apply to every model.



L41AP

## FEATURES

- Super-LED® beacon
- Medium profile, smooth polycarbonate outer dome
- Fully encapsulated for moisture, vibration and corrosion resistance
- Powder-coated cast aluminum
- Available in permanent, magnetic and magnetic/suction mounts
- Virtually no RFI/EMI radiation

Model	Mount	LED Color	Amps	Patterns	Compliance	Dimensions
L41*P	Permanent	Amber or White	1.5/Peak, 0.6/Avg @ 12VDC	SignalAlert™ 75 Default, 25 Selectable Patterns Total, Including Steady-Burn	SAE Class 1	4.75" (121mm) H x 6.44" (164mm) Dia.
L41*M	Magnetic					
L41*V	Magnetic/Suction					



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
 Clear dome models are available. Consult price list for ordering information.  
 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.  
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## OPTION



L40BG Branch Guard



# L10 Series



Features available across product family. May not apply to every model.



L10LAP



L10HFP

## FEATURES

- Super-LED® beacon
- High and low-dome models
- Polycarbonate base
- Available in permanent, magnetic and magnetic/suction mounts
- Virtually no RFI/EMI radiation
- Available in SOLO™ and DUO™
- DUO technology features different Color LEDs in the same module allowing individual control of each Color

Model	Mount	Profile	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
L10H#P	Permanent/ Pipe/Hook	High	DUO™ Amber/White,	1.0/Peak, 0.4/Avg	12	18 Scan-Lock™ Flash Patterns	SAE Class 1 (Amber)	6.4" (163mm) H x 6.3" (161mm) Dia.
L10L#P		Low	Amber/Blue, or Amber/Green					4.9" (125mm) H x 6.3" (161mm) Dia.
L10H*P	Magnetic	High	Amber	1.0/Peak, 0.4/Avg	24	18 Scan-Lock™ Flash Patterns	SAE Class 1 (Amber)	6.4" (163mm) H x 6.3" (161mm) Dia.
L10HAP4								
L10HAM	Magnetic	High	Amber	1.0/Peak, 0.4/Avg	12	18 Scan-Lock™ Flash Patterns	SAE Class 1 (Amber)	6.4" (163mm) H x 6.3" (161mm) Dia.
L10HAV	Magnetic/ Suction							
L10L*P	Permanent/ Pipe/Hook	Low	Amber or White	1.0/Peak, 0.4/Avg	24	18 Scan-Lock™ Flash Patterns	SAE Class 1 (Amber)	4.9" (125mm) H x 6.3" (161mm) Dia.
L10LAP4								
L10LAM	Magnetic	Low	Amber	1.0/Peak, 0.4/Avg	12	18 Scan-Lock™ Flash Patterns	SAE Class 1 (Amber)	4.9" (125mm) H x 6.3" (161mm) Dia.
L10LAV	Magnetic/ Suction							



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
 # Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber, P=Amber/Green  
 Clear dome models are available. Consult price list for ordering information.  
 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.  
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## OPTIONS



MIRROR20 Mirror Mount Bracket    BBKT20 Shelf Mount Bracket    BGH Branch Guard High    BGL Branch Guard Low    DH2000A Fresnel Dome High    DL2000A Fresnel Dome Low

# L21 & L22 Series



Features available across product family. May not apply to every model.



L21LAM



L22HAP

## FEATURES

- Super-LED® beacon
- Fully encapsulated for moisture, vibration and corrosion resistance
- Available in combination (perm/pipe/"J" hook), magnetic and magnetic/suction mounts
- Virtually no RFI/EMI radiation
- Polycarbonate base

Model	Mount	Profile	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
L21H*P	Perm/Pipe/"J" Hook	High	Amber or White	1.5 Amp/Peak, 0.6 Amp/Avg	12	25 Scan-Lock™	SAE Class 1 (Amber)	6.81" (172mm) H x 6.44" (163mm) Dia.
L21H*M	Magnetic							
L21H*V	Magnetic/Suction							
L21H*P4	Perm/Pipe/"J" Hook	Low	Amber or White	1.5 Amp/Peak, 0.6 Amp/Avg	24	SignalAlert™ 75 Default	SAE Class 1 (Amber)	5.31" (134mm) H x 6.44" (163mm) Dia.
L21L*P	Perm/Pipe/"J" Hook							
L21L*M	Magnetic							
L21L*V	Magnetic/Suction	High	Amber or White	0.75 Amp/Peak, 0.6 Amp/Avg	12	SignalAlert™ 75 Default	SAE Class 1 (Amber)	6.81" (172mm) H x 6.44" (163mm) Dia.
L21L*P4	Perm/Pipe/"J" Hook							
L22H*P	Perm/Pipe/"J" Hook							
L22H*M	Magnetic	Low	Amber or White	0.75 Amp/Peak, 0.6 Amp/Avg	24	SignalAlert™ 75 Default	SAE Class 1 (Amber)	5.31" (134mm) H x 6.44" (163mm) Dia.
L22H*V	Magnetic/Suction							
L22L*P	Perm/Pipe/"J" Hook							
L22L*M	Magnetic	High	Amber or White	0.75 Amp/Peak, 0.6 Amp/Avg	12	SignalAlert™ 75 Default	SAE Class 1 (Amber)	6.81" (172mm) H x 6.44" (163mm) Dia.
L22L*V	Magnetic/Suction							



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
 Clear dome models are available. Consult price list for ordering information.  
 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.  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



MIRROR20 Mirror Mount Bracket    BBKT20 Shelf Mount Bracket    BGH Branch Guard High    BGL Branch Guard Low    DH2000A Fresnel Dome High    DL2000A Fresnel Dome Low



# L50 Series



Features available across product family. May not apply to every model.



L51AM



L51AP

## FEATURES

- Super-LED® beacon
- Twist-off polycarbonate dome
- Available in permanent and magnetic mount
- Virtually no RFI/EMI radiation
- Polycarbonate base

Model	Mount	LED Color	Amps	VDC	Patterns	Encapsulated	Compliance	Dimensions
L51*P	Permanent	Amber or White	1.5/Peak, 0.6/Avg	12	25 Patterns	Yes	SAE Class 1	3.75" (95mm) H x 5" (127mm) Dia.
L51*M	Magnetic							
L53AP	Permanent	Amber	0.4/Peak, 0.16/Avg		15 Patterns	No	SAE Class 3	
L53AM	Magnetic				SignalAlert™ 75 Only			



\* Replace symbol in model number with letter indicating 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. Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTION



MIRROR15  
Mirror Mount Bracket





# LIGHTBARS

## Freedom® IV DYAD™ Series

5YR 12 LC SC WeCan SCAN HARD COAT SAE CLASS 1 SOLO™

Features available across product family. May not apply to every model.



Download WeCad™ for full list of available options  
[whelen.com/download-software](http://whelen.com/download-software)



F4W4AAA with directional modules

### FEATURES

- Linear Super-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water infiltration
- One piece uni-dome construction with a single sealing point assures lightbar integrity in all weather conditions
- Plug & Play into Whelen WeCan® products
- 16' exit cable
- Available with Clear, Smoked, or Color lenses
- Brake/Tail/Turn option available
- See page 89 for switching options

Models	Technology	Modules	LED Color	VDC	Compliance	Height & Depth	Length
F4X4****	Low Current	4 Single-Color	Blue, Amber or White	12	SAE Class 1	3.75" (95mm) H x 12.5" (318mm) D	44.5" (113cm)
F4X8****							49.25" (125cm)
F4X2****							55" (140cm)
F4X0****							60" (152cm)
F4X7****							72" (183cm)
F4W4****	WeCan	4 Single Or Two-Color Over/Under	Blue, Amber and/or White	12	SAE Class 1	3.75" (95mm) H x 12.5" (318mm) D	44.5" (113cm)
F4W8****							49.25" (125cm)
F4W2****							55" (140cm)
F4W0****							60" (152cm)
F4W7****							72" (183cm)



\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue C=White  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

### OPTIONS



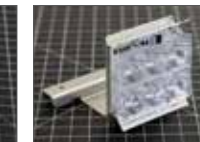
F4TL6  
(2) 6-LED Take-Downs



F4DL\*  
(1) Long  
12-LED Lighthead



F4DS\*  
(1) Short 6-LED Lighthead



F4A6  
(2) 6-LED Alley Lights



F4A3  
(2) 3-LED Alley Lights



Color Filters, Corner,  
Long & Short

# Liberty™ II Series



Features available across product family. May not apply to every model.



Download WeCad™ for full list of available options  
[whelen.com/download-software](http://whelen.com/download-software)



## FEATURES

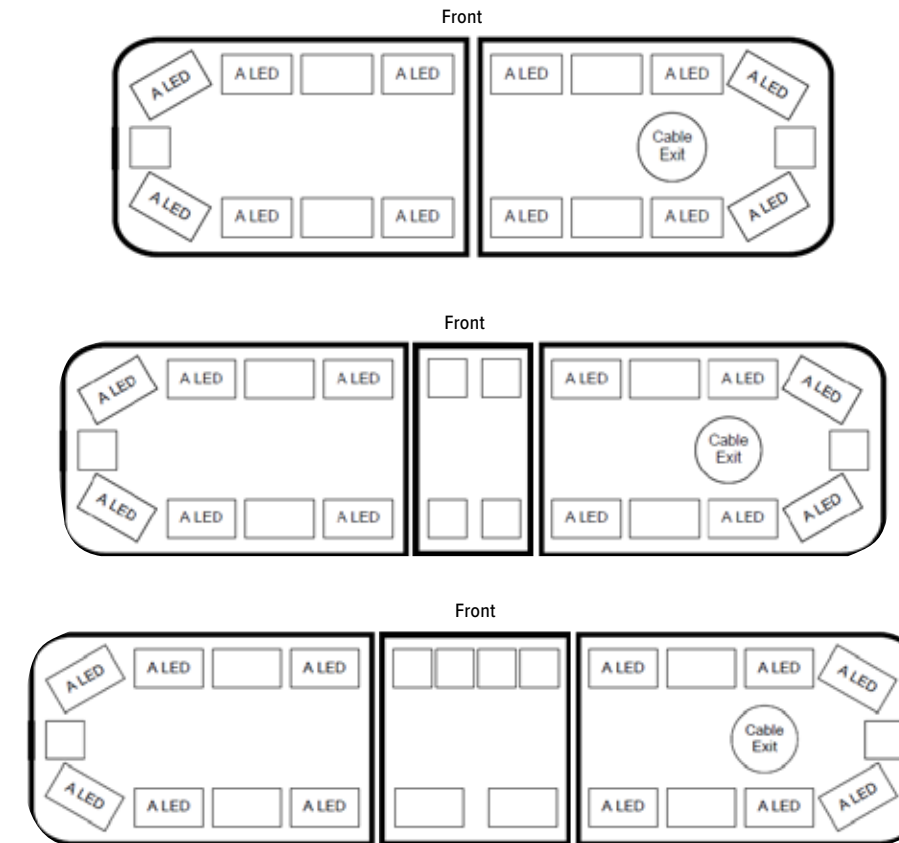
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water intrusion
- One piece uni-dome construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Silicone Optics (available in take-down lights)
- Plug & Play into Whelen WeCan® products
- Available with Clear, Smoked, or Color lenses
- Brake/Tail/Turn option available
- See page 89 for switching options
- Pre-configured models come with mounting bracket, MKEZ29

Model	Design	Technology	LED Color	VDC	Compliance	Height & Depth	Length
IX48A6	Pre-Configured (see diagrams)	SOLO™	Amber	12	SAE Class 1	2.5" (64mm) H x 11.31" (287mm) D	44" (110cm)
IX54A6							48" (123cm)
IX59A6							54" (136cm)
IX4****	Configurable	WeCan®	Blue, Amber or White	12	SAE Class 1	2.5" (64mm) H x 11.31" (287mm) D	44" (110cm)
IX8****							48" (123cm)
IX2****							54" (136cm)
IW4****							44" (110cm)
IW8****							48" (123cm)
IW2****		54" (136cm)					
IB4****		DUO+™	Blue, Amber and/or White				44" (110cm)
IB8****							48" (123cm)
IB2****							54" (136cm)
IB4####							44" (110cm)
IB8####	48" (123cm)						
IB2####	54" (136cm)						



\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue, C=White  
 # Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## PRE-CONFIGURED LIGHTBARS



## OPTIONS





# Legacy® Series



Features available across product family. May not apply to every model.

Download WeCad™ for full list of available options  
[whelen.com/download-software](http://whelen.com/download-software)



GB2AAAA with Directional Modules

## FEATURES

- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water intrusion
- One piece uni-dome construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Silicone Optics (available in take-down lights)
- Plug & Play into Whelen WeCan® products
- Available with Clear or Smoked lenses
- Brake/Tail/Turn option available
- See page 89 for switching options

Model	Technology	LED Color	VDC	Compliance	Height & Depth	Length
GS4****	SOLO™	Blue, Amber or White	12	SAE Class 1 and R65 Class 1	1.63" (41mm) H x 11.31" (287mm) D	43.25" (110cm)
GS8****						48" (123cm)
GS2****						53.75" (137cm)
GB4****	DUO+™	Blue, Amber and/or White	12	SAE Class 1 and R65 Class 1	1.63" (41mm) H x 11.31" (287mm) D	43.25" (110cm)
GB4####						48" (123cm)
GB8****						53.75" (137cm)
GB8####						48" (123cm)
GB2****						53.75" (137cm)

\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue, C=White  
 # Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



GBA (2) Alley Lights  
 GBTS (2) Short 3-LED Take-Downs  
 GBTL (2) Long 6-LED Take-Downs

# Justice® Series



Features available across product family. May not apply to every model.

Download WeCad™ for full list of available options  
[whelen.com/download-software](http://whelen.com/download-software)



JE2AAAA with Directional Modules

## FEATURES

- Advanced Thermal Design improves LED performance during extended operation
- Extruded aluminum platform and polycarbonate base
- Easily upgraded or serviced in the field
- Plug & Play into Whelen WeCan® products
- Available with Clear, Smoked, or Color lenses
- Brake/Tail/Turn option available
- See page 89 for switching options
- Pre-configured models come with mounting bracket, MKEZ29

Model	Design	Lighthoods	LED Color	VDC	Compliance	Height & Depth	Length
JEF8AMB	Pre-Configured (See Diagrams)	Four Corner Linear-LED® and Fourteen CON3™ Modules	Amber	12	SAE Class 1	2.25" (57mm) H x 12" (305mm) D	50" (127cm)
JEF2AMB		Four Corner Linear-LED® and Sixteen CON3™ Modules					56" (142cm)
JC4****	Configurable	Four Corner Linear-LED Modules	Blue, Amber and/or White	12	SAE Class 1	2.25" (57mm) H x 12" (305mm) D	44" (112cm)
JC8****							50" (127cm)
JC2****							56" (143cm)
JE4****							44" (112cm)
JE8****							50" (127cm)
JE2****	56" (143cm)						

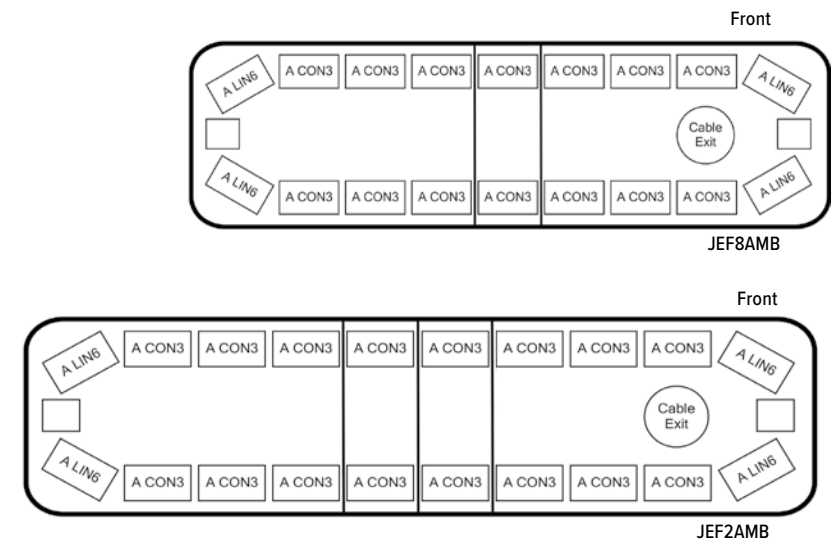
\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue, C=White  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



JDC\* (1) CON3™ Module With Spreader Optics  
 JDL\* (1) Full LING™  
 JALF1 (2) LR11 Alley Lights  
 JWLLD2 (2) Work Lights  
 JATLS1 (2) LR11 Take-Down Lights

## PRE-CONFIGURED LIGHTBARS





# Towman's™ Series



Features available across product family. May not apply to every model.



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[whelen.com/download-software](http://whelen.com/download-software)



Liberty™ II / IWOBAAAA

Century™ / CWOBAAA

Freedom® IV / F40BAAAA

Justice® / JF0BAAAA

## FEATURES

- Brake/Tail/Turn standard
- See page 89 for switching options

Model	Series	Lighthoods	Inboard Warning Lights	Patterns	Base	VDC	Lenses	Compliance	Dimensions
IWOBAAAA	Liberty II	4 Linear-LED® Corners, 2 Super-LED® Work Lights, 2 LED Brake/Tail/Turn Lights	2/Front, 4/Rear	WeCan®	Extruded Aluminum I-Beam	12	Clear	SAE Class 1	60" (154cm) L x 2.50" (64mm) H x 11.31" (287mm) W
CWOBAAA	Century	4 Amber Linear-LEDs (2/Front, 2/Rear)	Action-Scan™	Color Lenses Standard			60" (154cm) L x 2.25" (57mm) H x 12" (304mm) W		
F40BAAAA	Freedom IV	4 Bi-Level Linear-LED Corners, 2 Super-LED Work Lights, 2 LED Brake/Tail/Turn Lights	2/Front, 6/Rear (Add Up To 12 Optional Linear Lighthoods In Pairs)	Signal-Alert™ 75			Clear Outer Standard, Color Available		60" (154cm) L x 3.75" (95mm) H x 12.50" (318mm) W
JF01AAAA*	Justice	4 Linear-LED Corners, 2 Super-LED Work Lights, 2 LED Brake/Tail/Turn Lights	6 Amber CON3™	Action-Scan	Black Polycarbonate Base On Extruded Aluminum Platform	12	Clear Outer Standard, Color Available	SAE Class 1	62.38" (158cm) L x 2.25" (57mm) H x 12" (304mm) W
JF02AAAA*		4 Linear-LED Corners, 2 Super-LED Work Lights, 2 LED Brake/Tail/Turn Lights, Identification Light							
JF0BAAAA		4 Linear-LED Corners, 2 Super-LED Work Lights, 2 LED Brake/Tail/Turn Lights							
JF0DAAAA		4 Linear-LED Corners, 2 Super-LED Work Lights, 2 LED Brake/Tail/Turn Lights							
JF0FAAAA		14 Amber CON3s							

Contact Factory for Red/Blue Versions  
 \* OEM Mounting and Harness





# MINI LIGHTBARS



## Responder® HD Series

5YR 12 SC SCAN LOCK SYNC HARD COAT SAE CLASS 1 SOLO DUO+

Features available across product family. May not apply to every model.



R10HDPA



R10HDVA

### FEATURES

- 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

Model	Technology	LED Color	Mount	Amps	VDC	Patterns	Base	Compliance	Dimensions
R10HDP*	Super-LED®	Amber or White	Permanent	9.0/Peak, 3.6/Avg	12	55 Scan-Lock™ Flash Patterns	Aluminum	SAE Class 1	17.25" (438mm) L x 5.13" (130mm) H x 6.31" (160mm) D
R10HDM*			Magnetic						
R10HDV*			Magnetic/suction						



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

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



# Responder® R1LP Series



Features available across product family. May not apply to every model.  
\*Please contact Whelen for specific photometric information regarding CA Title 13 lighthouse and configurable lightbar product conformance.



## FEATURES

- 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

Model	Technology	LED Color	Dome	Mount	Base	Amps	VDC	Patterns	Compliance	Dimensions	
R1LPPA	CON3 Super-LED	Amber	Amber	Permanent	Poly-carbonate	3.0/ Peak, 1.2/Avg	12	55 Scan-Lock™ Patterns Including 4 Simulated Rotating Patterns (Perm Mount Only)	SAE Class 1	17" (431mm) L x 2.88" (73mm) H x 6.31" (160mm) D	
R1LPPCA			Clear								
R1LPPACA			Amber						SAE Class 1 and CA T13		
R1LPMA			Amber	Magnetic							
R1LPMCA			Clear								
R1LPVA			Amber	Magnetic/Suction							
R1LPVCA			Clear								
R1LPHPA			Amber	Permanent	Aluminum						
R1LPHPCA			Clear								
R1LPHMA			Amber			Magnetic					
R1LPHMCA			Clear								
R1LPHVA			Amber	Magnetic/Suction							
R1LPHVCA			Clear								
R1LPPF			Split-Color Amber/ White		Clear	Permanent	Poly-carbonate	3.0/ Peak, 1.2/Avg	12	55 Scan-Lock™ Patterns Including 4 Simulated Rotating Patterns (Perm Mount Only)	SAE Class 1
R1LPMF				Magnetic							
R1LPVF				Magnetic/Suction							
R1LPPP	Split-Color Amber/ Green	Clear	Permanent	Poly-carbonate	3.0/ Peak, 1.2/Avg	12	55 Scan-Lock™ Patterns Including 4 Simulated Rotating Patterns (Perm Mount Only)	SAE Class 1	17" (431mm) L x 2.88" (73mm) H x 6.31" (160mm) D		
R1LPPG			Permanent								

\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue  
# Replace symbol in model number with letter indicating color combo desired: F=Amber/White, P=Amber/Green  
Clear dome models are available. Consult price list for ordering information.  
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.

# Responder® R2LP Series



Features available across product family. May not apply to every model.  
\*Please contact Whelen for specific photometric information regarding CA Title 13 lighthouse and configurable lightbar product conformance.



## FEATURES

- 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

Model	Technology	LED Color	Dome	Mount	Base	Amps	VDC	Patterns	Compliance	Dimensions	
R2LPPA	LIN6 Super-LED	Amber	Amber	Permanent	Poly-carbonate	6.0/ Peak, 2.4/ Avg	12	55 Scan-Lock™ Patterns Including 4 Simulated Rotating Patterns (Perm Mount Only)	SAE Class 1	17" (431mm) L x 2.88" (73mm) H x 6.31" (160mm) D	
R2LPPCA			Clear								
R2LPPACA			Amber						SAE Class 1 and CA T13		
R2LPPA4			Amber	Magnetic							
R2LPMA			Amber								
R2LPMCA			Clear	Magnetic/ Suction							
R2LPVA			Amber								
R2LPVCA			Clear	Permanent	Aluminum						
R2LPHPA			Amber								
R2LPHPCA			Clear								
R2LPHMA			Amber	Magnetic							
R2LPHMCA			Clear								
R2LPHVA			Amber		Magnetic/ Suction						
R2LPHVCA			Clear								
R2LPPF			Split-Color Amber/White	Clear		Permanent	Poly-carbonate	6.0/ Peak, 2.4/ Avg	12	55 Scan-Lock™ Patterns Including 4 Simulated Rotating Patterns (Perm Mount Only)	SAE Class 1
R2LPMF					Magnetic						
R2LPVF	Magnetic/ Suction										
R2LPPM	Split-Color Amber/Blue	Clear	Permanent	Poly-carbonate	6.0/ Peak, 2.4/ Avg	12	55 Scan-Lock™ Patterns Including 4 Simulated Rotating Patterns (Perm Mount Only)	SAE Class 1	17" (431mm) L x 2.88" (73mm) H x 6.31" (160mm) D		
R2LPPP										Permanent	
RDLPPAB	DUO LIN6 Super-LED	DUO Amber/Blue	Clear	Permanent	6.0/ Peak, 2.4/ Avg	12	55 Scan-Lock™ Patterns Including 4 Simulated Rotating Patterns (Perm Mount Only)	SAE Class 1	17" (431mm) L x 2.88" (73mm) H x 6.31" (160mm) D		
RDLPPAG										DUO Amber/Green	

\* Replace symbol in model number with letter indicating desired color: A=Amber  
# Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Amber/Blue, P=Amber/Green  
Clear dome models are available. Consult price list for ordering information.  
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 Century™ Series



Features available across product family. May not apply to every model.



## FEATURES

- 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

Model	Technology	LED Color	Mount	Amps	VDC	Patterns	Dome	Base	Compliance	Dimensions
MC11PA	Corners: Linear Super-LED®	Amber	Permanent	3.6/Peak, 2.2/Avg	12	17 Scan-Lock	Clear	Extruded Aluminum Platform	SAE Class 1	11.50" (292mm) L x 2.40" (61mm) H x 7.74" (197mm) D
Magnetic										
0.75" (19mm) Stud										
MC16PA	Corners: Linear Super-LED®	Amber	Permanent	4.8/Peak, 3.0/Avg	12	17 Scan-Lock	Clear	Extruded Aluminum Platform	SAE Class 1	16.56" (421mm) L x 2.40" (61mm) H x 7.74" (197mm) D
Magnetic										
Magnetic/Suction										
MC16VA	Corners: Linear Super-LED®	Amber	0.75" (19mm) Stud	4.8/Peak, 3.0/Avg	12	17 Scan-Lock	Clear	Extruded Aluminum Platform	SAE Class 1	16.56" (421mm) L x 2.40" (61mm) H x 7.74" (197mm) D
MC16SA			Permanent							
MC16PF			Magnetic							
MC16MF	Inboards: TIR6™	Amber/White	Magnetic/Suction	4.8/Peak, 3.0/Avg	12	17 Scan-Lock	Clear	Extruded Aluminum Platform	SAE Class 1	16.56" (421mm) L x 2.40" (61mm) H x 7.74" (197mm) D
MC16VF			0.75" (19mm) Stud							
MC16SF			Permanent							
MC23PA	Super-LED	Amber	Permanent	7.2/Peak, 4.4/Avg	12	17 Scan-Lock	Amber	Extruded Aluminum Platform	SAE Class 1	23.25" (591mm) L x 2.40" (61mm) H x 7.74" (197mm) D
MC23MA			Magnetic							
MC23VA			Magnetic/Suction							
MC23SA	Super-LED	Amber	0.75" (19mm) Stud	7.2/Peak, 4.4/Avg	12	17 Scan-Lock	Amber	Extruded Aluminum Platform	SAE Class 1	23.25" (591mm) L x 2.40" (61mm) H x 7.74" (197mm) D
MC23MF			Permanent							
MC23PF			Magnetic							
MC23VF	Super-LED	Amber/White	Permanent	7.2/Peak, 4.4/Avg	12	17 Scan-Lock	Clear	Extruded Aluminum Platform	SAE Class 1	23.25" (591mm) L x 2.40" (61mm) H x 7.74" (197mm) D
MC23VF			Magnetic/Suction							



The use of a magnetic or suction mounted product on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user. Clear dome models are available, consult price list for ordering information.

# Mini Justice® Series



Features available across product family. May not apply to every model.



## FEATURES

- 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 flash pattern switch
- Low-profile, only 2.25" high

Model	Technology	Mount	Amps	VDC	Patterns	Base	Dome	Compliance	Dimensions
MJY****P	Linear Super-LED	Permanent	4.0/Peak, 1.6/Avg (4 corners)	12	95 Scan-Lock™	Polycarbonate On Extruded Aluminum Platform	Clear	SAE Class 1 and R65 Class 1	22" (558mm) L x 2.25" (57mm) H x 12" (304mm) D
MJY****M		Magnetic							
MJY****V		Magnetic/Suction							
MJEG1A	Linear & CON3 Super-LED	Magnetic	6.0/Peak, 2.4/Avg	12	95 Scan-Lock™	Polycarbonate On Extruded Aluminum Platform	Clear	SAE Class 1 and R65 Class 1	22" (558mm) L x 2.25" (57mm) H x 12" (304mm) D
MJEP1A	(4 Amber CON3)	Permanent							



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White. The use of a magnetic or suction mounted product on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user. Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



JDC\* (1) CON3 Module With Spreader Optics

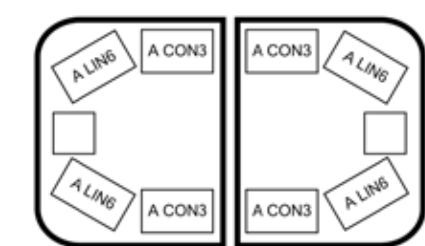


JDH\* (1) LTR3™ Take-Down



MJTDALL1 (4) LR11 Lights, 2 Alley Lights, 2 Take-Downs

## PRE-CONFIGURED LIGHTBAR



MJEP1A



# Mini Freedom® IV Series



Features available across product family. May not apply to every model



Download WeCad™ for full list of available options  
whelen.com/download-software



F4MAAAAP with directional modules

## FEATURES

- Linear Super-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water infiltration
- One piece uni-dome construction with a single sealing point assures lightbar integrity in all weather conditions
- Plug & Play into Whelen WeCan® products
- Available with Clear, Smoked, or Color lenses
- Magnetic mount includes 10' cord, cigar plug with On/Off and pattern switches

Model	Design	Technology	LED Color	Dome	Mount	Amps	VDC	Patterns	Base	Compliance	Dimensions
F4MAAAAP	Pre-Configured (See Diagram)	Linear Super-LED	Amber	Clear	Permanent	4	12	67 Scan-Lock™ and SignalAlert™ 75 Default for Magnetic Mount	Extruded Aluminum I-Beam	SAE Class 1 and R65 Class 1	21.50" (546mm) L x 3.75" (95mm) H x 12.50" (318mm) D
F4M****P	Configurable		Amber or White		Magnetic						
F4M****M		Permanent		2							
F4M*O*OF		Front Facing Linear Super-LED									

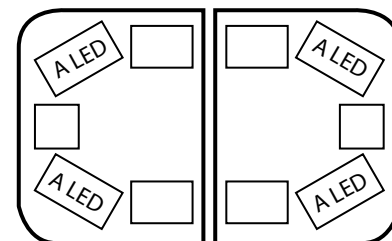


\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
The use of a magnetic or suction mounted product on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user.  
Consult current price list for full list of available options at whelen.com/literature.

## OPTIONS



## PRE-CONFIGURED LIGHTBAR



F4MAAAAP

# Mini Liberty™ II Series



Features available across product family. May not apply to every model



Download WeCad™ for full list of available options  
whelen.com/download-software



IT9AAAAP with directional modules

## FEATURES

- Linear-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water intrusion
- One piece uni-dome construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Silicone Optics (available in take-down lights)
- Available with Clear, Smoked, or Color domes
- Permanent mount features a low-profile mounting kit
- Magnetic mount includes 90 lb pull magnets
- Magnetic and magnetic/suction mounts include 10' cord, cigar plug with On/Off switch and Scan-Lock™ flash pattern switch

Model	Design	LED Color	Mount	VDC	Patterns	Compliance	Dimensions
IT9AAAAP	Pre-Configured (See Diagram)	Amber	Permanent	12	67 Scan-Lock™ and SignalAlert™ 75 Default for Magnetic Mount	SAE Class 1 and R65 Class 1	19.3" (490mm) L x 2.5" (64mm) H x 11.31" (287mm) D
IT9****P	Configurable	Amber or White					
IT9****M			Magnetic/Suction				
IT9****V							

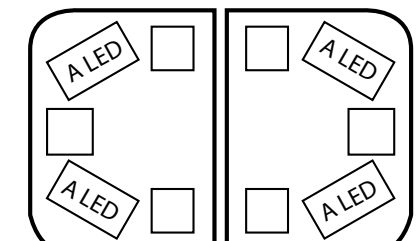


\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
The use of a magnetic or suction mounted product on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user.  
Consult current price list for full list of available options at whelen.com/literature.

## OPTIONS



## PRE-CONFIGURED LIGHTBAR



IT9AAAAP



# Mini Legacy® Series



Features available across product family. May not apply to every model.



Download WeCad™ for full list of available options  
whelen.com/download-software



GT9AAAAM

## FEATURES

- Linear Super-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and other environmental damages
- Extruded aluminum platform
- Center dividers with Liquid Injection Molded seals protect internal components from water intrusion
- One piece uni-dome construction with a single sealing point assures lightbar integrity in all weather conditions
- Proclera® Silicone Optics (available in take-down lights)
- Available with Clear or Smoked lenses
- Permanent mount features a low-profile mounting kit
- Magnetic mount includes 90 lb pull magnets
- Magnetic and magnetic/suction mounts include 10' cord, cigar plug with On/Off switch and Scan-Lock™ flash pattern switch

Model	LED Color	Mount	VDC	Patterns	Compliance	Dimensions
GT9****P	Amber or White	Permanent	12	67 Scan-Lock™ and SignalAlert™ 75 Default For Magnetic Mount	SAE Class 1 and R65 Class 1	19.38" (490mm) L x 1.60" (41mm) H x 11.31" (287mm) D
GT9****M		Magnetic				
GT9****V		Magnetic/Suction				



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
The use of a magnetic or suction mounted product on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user.  
Consult current price list for full list of available options at whelen.com/literature.

## OPTIONS



GTA  
(2) Alley Lights

GTTS  
(2) Short 3-LED Take-Downs

# Municipal Systems



Features available across product family. May not apply to every model.

Whelen's Municipal Systems are engineered to meet the demands of the heavy-duty truck market in all operating conditions. For our full line of Municipal Systems, visit [www.whelen.com](http://www.whelen.com).



Remote L31 Beacon



Stainless Steel Micro 400



Rear 700 Series Lighthead



Rear 400 Series Lighthead

## FEATURES

- Front system components provide 360° warning visibility and include a 60' TPE cable
- Rear housings include a 30' TPE cable with strain relief flex tubing and couplings that provide added safeguard against the elements
- Rear lighthead housings have specially designed lenses for wide light output and include Deutsch® waterproof connectors

## SYSTEM 702 - 3 LIGHT SYSTEM

One L31 remote beacon with rear 700 Series lighthead

Model	Description	Compliance
SYS702A	Warning	SAE Class 1
SYS702B	Warning and Brake/Tail/Turn	
SYS702D	Warning, Brake/Tail/Turn, and Back-Up	



## SYSTEM 710 - 4 LIGHT SYSTEM

Two stainless steel Micro 400 lighthead with rear 700 Series lighthead

Model	Description	Compliance
SYS710A	Warning	SAE Class 1
SYS710B	Warning and Brake/Tail/Turn	
SYS710D	Warning, Brake/Tail/Turn, and Back-Up	



# QuickFit™

2YR

Features available across product family. May not apply to every model.



Also Available in White

Shown with OE Brake Light

## FEATURES

- Mounts a variety of emergency lighting without any vehicle damage, including Whelen beacons and the following mini lightbars: Responder® LP/HD, Mini Century™, Mini Liberty™ II, and Mini Legacy®
- Vehicle specific vacuum-formed install kits provide a perfect fit
- Available with a durable steel or powder-coated aluminum construction in Black or White
- Bolt-on installation system with fixed brackets requires no cutting or drilling, providing peace of mind when used on both leased trucks and aluminum roof structures
- Quickly and easily mounts using the screw holes of the vehicle's third brake light
- Third brake light remounts to the QuickFit platform
- Wiring is simple to install through the existing third brake light opening, without removing the headliner
- QuickFit is designed to keep a level mounting surface for the life of the install
- Includes mounting bracket
- Usable mounting area is approximately 7.25" (184.15mm) W x 17.25" (433mm) L

Model	Description
<b>QFFORD1</b>	Ford F-150 2015-2022, F-150 Lightning 2022, F-250/F-350 Super Duty, 2017-2022, Black Aluminum Housing*
<b>QFFORD1W</b>	Ford F-150 2015-2022, F-150 Lightning 2022, F-250/F-350 Super Duty, 2017-2022, White Aluminum Housing*
<b>QFFORD1S</b>	Ford F-150 2015-2022, F-150 Lightning 2022, F-250/F-350 Super Duty, 2017-2022, Black Steel Housing (Will Work with Magnetic Mount Lights)
<b>QFFRD1SW</b>	Ford F-150 2015-2022, F-150 Lightning 2022, F-250/F-350 Super Duty, 2017-2022, White Steel Housing (Will Work with Magnetic Mount Lights)
<b>QFRAM2</b>	Ram 1500 Classic, 2019, Black Powder-Coated Aluminum Housing*
<b>QFRAM2W</b>	Ram 1500 Classic, 2019, White Powder-Coated Aluminum Housing*
<b>QFRAM2S</b>	Ram 1500 Classic, 2019, Black Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
<b>QFRAM2SW</b>	Ram 1500 Classic, 2019, White Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
<b>QFGM2</b>	Chevy Silverado 1500/2500/3500 with Spoiler, 2019-2022, Black Powder-Coated Aluminum Housing*
<b>QFGM2W</b>	Chevy Silverado 1500/2500/3500 with Spoiler, 2019-2022, White Powder-Coated Aluminum Housing*
<b>QFGM2S</b>	Chevy Silverado 1500/2500/3500 with Spoiler, 2019-2022, Black Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
<b>QFGM2SW</b>	Chevy Silverado 1500/2500/3500 with Spoiler, 2019-2022, White Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)

\*Note: Aluminum housings are not for use with magnetic mount lights





# TRAFFIC ADVISOR™



## Traffic Advisor™ Rear Slot Mount

5YR 12 HARD COAT SAE CLASS 1 SOLO™

Features available across product family. May not apply to every model.



### FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- 15' cable standard, extra length cables available
- Left arrow, right arrow, split arrow, and warning function
- Fully encapsulated

Model	Lamps	Lightheads	Control Head	VDC	Compliance	Height & Depth	Length
TAM63	6	TIR3™	Includes TACTL5 Control Head	12	SAE Class 1	1.75" (44mm) H x 2.19" (56mm) D	23.26" (59cm)
TAM83	8						30.36" (77cm)
TAM83**	6						23.26" (59cm)
TAZ66	6	LINZ6™					23.26" (59cm)
TAZ86	8						30.36" (77cm)
TAZ86**	8						30.36" (77cm)

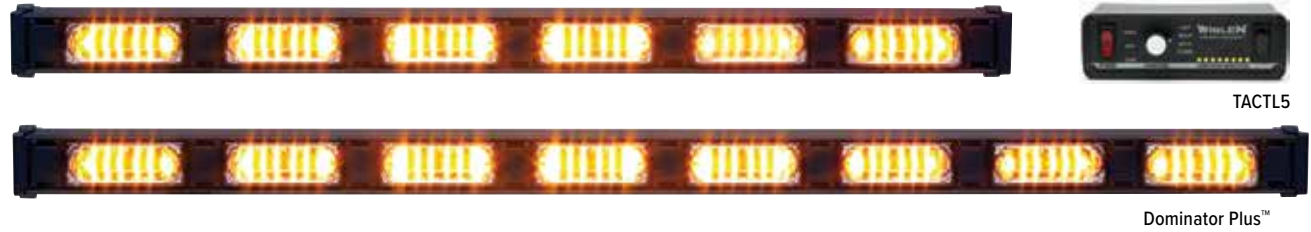


\* Replace symbol in model number with letter indicating desired color: A=Amber, W=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

# Traffic Advisor™ Dominator™ Series



Features available across product family. May not apply to every model.



## FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning function
- Fully encapsulated
- 15' cable standard, alternate cable lengths available, contact factory

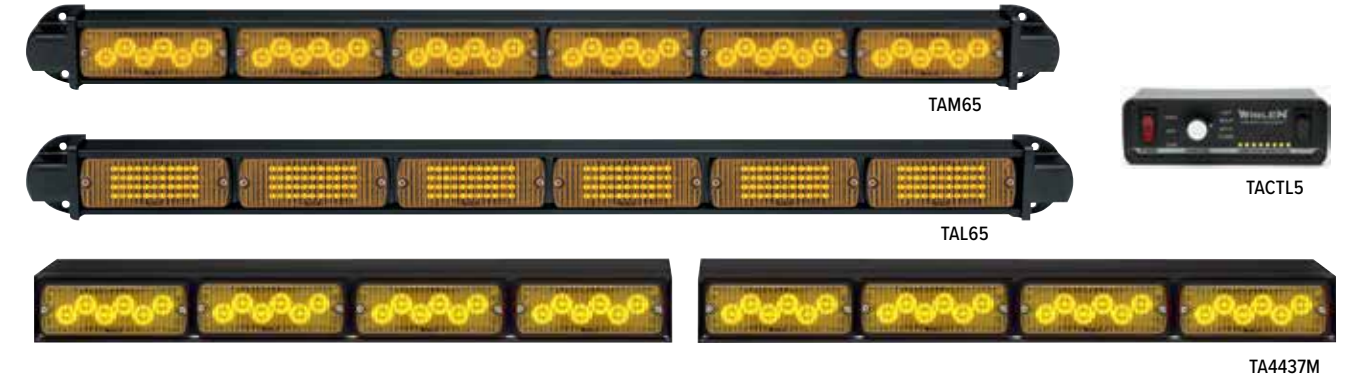
Model	Series	Lamps	Lighthoods	Control Head	VDC	Compliance	Height & Depth	Length			
DTA6A	Dominator	6	TIR3™ Amber	Optional TACTL5 Control Head	12	SAE Class 1	1.75" (44mm) H x 2.19" (56mm) D	23.26" (59cm)			
DTA6		8	Requires 6 D*								
DTA8A		8	TIR3 Amber								
DTA8		6	Requires 8 D*								
DTAW8	8	Requires 8 D*, 6 Amber, 2 End Warning									
DPTA6A	Dominator Plus	6	LINZ6 Amber			SAE Class 1		12	SAE Class 1	1.75" (44mm) H x 2.19" (56mm) D	23.26" (59cm)
DPTA6		6	Requires 6 DP*								
DPTA8A		8	LINZ6™ Amber								
DPTA8		8	Requires 8 DP*								
DPTAW8		8	Requires 8 DP*, 6 Amber, 2 End Warning								
D*	TIR3 Super-LED® Lighthouse, Amber or White										
DP*	LINZ6 Super-LED Lighthouse, Amber or White										

\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

# Traffic Advisor™ Flat Mount



Features available across product family. May not apply to every model.



## FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning function
- Fully encapsulated
- 15' cable standard, alternate cable lengths available, contact factory

Model	Lamps	Lighthoods	VDC	Control Head	Cable	Compliance	Height & Depth	Length
TAL65	6	500 Series 5mm LED	12	Includes TACTL5 Control Head	15'	SAE Class 1	2.88" (73mm) H x 2.25" (57mm) D	36" (91cm)
TAL85	8				15'			46.88" (119cm)
TA4437M	8	TIR6™ 500 Series Super-LED® Two Piece			15'		2.46" (62mm) H x 4.41 (112mm) D	21.88" (56cm)
TA4437M1	8				30'			
TA4437M2	8	50'						
TAM65	6	TIR6™ 500 Series			15'		1.75" (44mm) H x 2.19" (56mm) D	23" (58cm)
TAM85	8				15'			
TAM85**	8				15'			

\* Replace symbol in model number with letter indicating desired color: A=Amber, W=White  
\*\* Indicates flashing end modules  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).



# Traffic Advisor™ Front Load

5YR 12 HARD COAT SAE CLASS 1 TITLE 13 ISOLO™

Features available across product family. May not apply to every model.

\*Please contact Whelen for specific photometric information regarding CA Title 13 lighthead and configurable lightbar product conformance.



## FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning function
- Fully encapsulated
- 15' cable standard, alternate cable lengths available, contact factory

Model	Lamps	Lighthead	VDC	Control Head	Compliance	Height & Depth	Length
TANF65	6	500 Series Linear-LED®	12	Includes TACTL5 Control Head	SAE Class 1	2.38" (60mm) H x 2.38" (60mm) D	34" (86cm)
TANF85	8						45.13" (115cm)
TANF85**							
TACF85	8	500 Series CON3™ Super-LED®	12	No Control Head Required	SAE Class 1 and CA T13	2.38" (60mm) H x 2.38" (60mm) D	34" (86cm)
TACF85**							
TADF6	6	500 Series DUO™ Super-LED	12	No Control Head Required	SAE Class 1 and CA T13	2.38" (60mm) H x 2.38" (60mm) D	34" (86cm)
TADF8	8						45.13" (115cm)

\* Replace symbol in model number with letter indicating desired color: A=Amber, W=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

# Traffic Advisor™ TAC8 (Economy)

5YR 12 IP67 HARD COAT SAE CLASS 1 ISOLO™

Features available across product family. May not apply to every model.



## FEATURES

- TAC8 includes compact control head easily mounted 3 different ways: VHB tape, Velcro™ or Permanent mount hardware
- 15' cable standard, extra length cables available
- Black extruded aluminum housing
- Four operating modes: left, right, split, or flashing
- Rear dip switch provides 8 flash pattern choices

Model	Lamps	Lighthead	Description	VDC	Compliance	Height & Depth	Length
TAC815	8	SOLO™ Super-LED®	15' Cable, and Included Control Head	12	SAE Class 1	2" (50mm) H x 2.64" (70mm) D	47.75" (121cm)
TAC830			30' Cable, and Included Control Head				
TAC850			50' Cable, and Included Control Head				

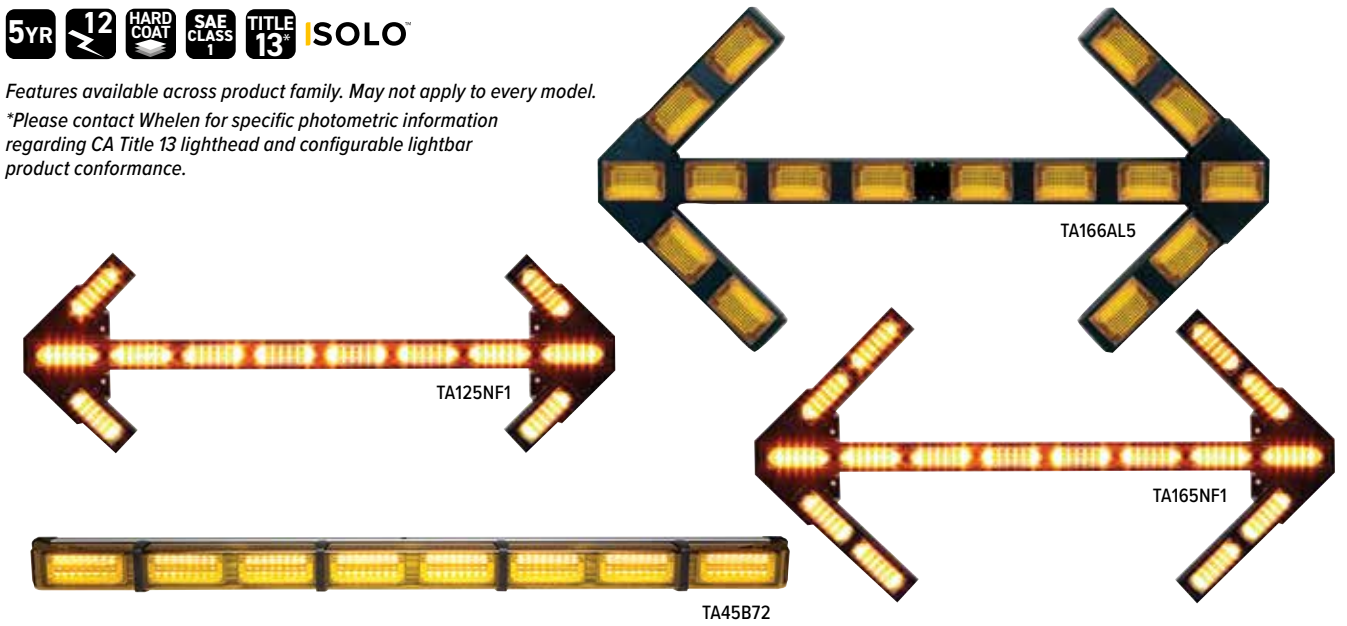


# Traffic Advisor™ Arrows

5YR 12 HARD COAT SAE CLASS 1 TITLE 13 ISOLO™

Features available across product family. May not apply to every model.

\*Please contact Whelen for specific photometric information regarding CA Title 13 lighthead and configurable lightbar product conformance.



## FEATURES

- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning functions
- Fully encapsulated
- 15' cable standard, alternate cable lengths available, contact factory

Model	Lamps	Lighthead	Control Head	VDC	Cable	Compliance	Dimensions
TA125NF1	12	500 Series Linear Super-LED®	Includes TACTL6 Control Head	12	25'	SAE Class 1	46" (117cm) L x 15" (381mm) H x 3.5" (89mm) D
TA125NF2					50'		
TA165NF1	16	600 Series	Includes TACTL6 Control Head	12	25'	SAE Class 1	46" (117cm) L x 23" (584mm) H x 3.5" (89mm) D
TA165NF2					50'		
TA166AL5	16	600 Series	Includes TACTL6 Control Head	12	51'	SAE Class 1	5.5" (167.5cm) L x 36.5" (927mm) H x 4" (102mm) D
TA45B72	8	700 Series	Includes TACTL5 Control Head	15'	15'	SAE Class 1 and CA T13	72" (182cm) L x 4.35" (89cm) H x 4.17" (11cm) D

Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).



# LIGHT ARRAYS



## WeCanX® 2250

5YR 12 24 IP67 HARD COAT SAE CLASS 1 WE CAN X DUO+

Features available across product family. May not apply to every model.



Download WeCad™ for full list of available options  
[whelen.com/download-software](http://whelen.com/download-software)



WX2280

### FEATURES

- Utilizes powerful ION™ T-Series™ lighthead with patented E Block™ technology
- IP67 rated lighthead
- 3" slimmer than 4500 series
- Flush mount (slide bolt)
- 12/24 VDC Input Voltage
- Powered by WeCanX technology
- Functionality configurable in Whelen Command®
- Lighthead configurations easily defined within Whelen's WeCad™ Software
- DUO™ support in warning light options
- Aerial recognition option
- Includes two angled end caps

Model	Modules	VDC	Compliance	Height & Depth	Length
WX2230	6	12/24	SAE Class 1	1.66" (42mm) H x 2.28" (58mm) D	30" (76cm)
WX2240	8				40" (102cm)
WX2250	10				50" (127cm)
WX2260	12				60" (153cm)
WX2270	14				70" (178cm)
WX2280	16				80" (203cm)



# Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).



# WeCanX<sup>®</sup> Tracer<sup>™</sup>



Features available across product family. May not apply to every model.



Download WeCad<sup>™</sup> for full list of available options  
[whelen.com/download-software](http://whelen.com/download-software)



TCRWX5

## FEATURES

- Dynamic Variable Intensity (DVI<sup>™</sup>) light patterns
- Vehicle-to-Vehicle Synchronization
- Available in SOLO<sup>™</sup> (single-color) or DUO<sup>™</sup> (two-color interleaved) modules
- Whelen Command<sup>®</sup> programming allows:
  - DUO modules to operate with a steady override, such as white steady-burn
  - Full configurability of Traffic Advisor<sup>™</sup> functionality
  - Adjustable intensity levels of cruise light control
- Mounts easily via slide bolt with vehicle specific brackets, universal “L” brackets, or under lightbar brackets
- Works with existing Tracer mounting hardware
- SAE Class 1 certified
- 12 VDC
- Five-year warranty
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals

Model	Lightheads	Height & Depth	Length
TCRWX1	1 Lamp Housing and TCRWXP* SOLO <sup>™</sup> Lighthead. “L” Bracket Mounting (2 Required) Purchased Separately	0.93” (24mm) H x 2.04” (52mm) D	13.80” (35cm)
TCRWX2	2 Lamp Housing and TCRWXP*/TCRWXS* SOLO <sup>™</sup> Lightheads. “L” Bracket Mounting (3 Required) Purchased Separately		26.16” (66.5cm)
TCRWX3	3 Lamp Housing and TCRWXP*/TCRWXS* SOLO <sup>™</sup> Lightheads. “L” Bracket Mounting (4 Required) Purchased Separately		38.53” (98cm)
TCRWX4	4 Lamp Housing and TCRWXP*/TCRWXS* SOLO <sup>™</sup> Lightheads. “L” Bracket Mounting (5 Required) Purchased Separately		50.90” (129.5cm)
TCRWX5	5 Lamp Housing and TCRWXP*/TCRWXS* SOLO <sup>™</sup> Lightheads. “L” Bracket Mounting (6 Required) or Vehicle Specific Mounting Purchased Separately		63.26” (161cm)
TCRWX6	6 Lamp Housing and TCRWXP*/TCRWXS* SOLO <sup>™</sup> Lightheads. “L” Bracket Mounting (7 Required) or Vehicle Specific Mounting Purchased Separately		75.62” (192cm)
TCRWXP*	Primary SOLO <sup>™</sup> Lighthead Includes Lamp driver, One Required in Position 1, for each SOLO <sup>™</sup> Tracer <sup>™</sup> , Blue, Amber, or White. No Charge When Ordered with the Appropriate Housing	-	-
TCRWXS*	Secondary SOLO <sup>™</sup> Lighthead, Blue, Amber, or White. For use in Positions 2-6. No Charge When Ordered with the Appropriate Housing	-	-



\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue, C=White  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

Model	Lightheads	Height & Depth	Length
TCRWX1	1 Lamp Housing and TCRWXP# DUO <sup>™</sup> Lighthead. “L” Bracket Mounting (2 Required) Purchased Separately	0.93” (24mm) H x 2.04” (52mm) D	13.80” (35cm)
TCRWX2	2 Lamp Housing and TCRWX_# DUO <sup>™</sup> Lightheads. “L” Bracket Mounting (3 Required) Purchased Separately		26.16” (66.5cm)
TCRWX3	3 Lamp Housing and TCRWXP#/TCRWXS# DUO <sup>™</sup> Lightheads. “L” Bracket Mounting (4 Required) Purchased Separately		38.53” (98cm)
TCRWX4	4 Lamp Housing and TCRWXP#/TCRWXS# DUO <sup>™</sup> Lightheads. “L” Bracket Mounting (5 Required) Purchased Separately		50.90” (129.5cm)
TCRWX5	5 Lamp Housing and TCRWXP#/TCRWXS# DUO <sup>™</sup> Lightheads. “L” Bracket Mounting (6 Required) or Vehicle Specific Mounting Purchased Separately		63.26” (161cm)
TCRWX6	6 Lamp Housing and TCRWXP#/TCRWXS# DUO <sup>™</sup> Lightheads. “L” Bracket Mounting (7 Required) or Vehicle Specific Mounting Purchased Separately		75.62” (192cm)
TCRWXP#	Primary DUO <sup>™</sup> Lighthead Includes Lamp driver, One Required in Position 1, for each DUO <sup>™</sup> Tracer <sup>™</sup> , Blue, Amber, or White. No Charge When Ordered with the Appropriate Housing	-	-
TCRWXS#	Secondary DUO <sup>™</sup> Lighthead, Blue, Amber, or White. For use in Positions 2-6. No Charge When Ordered with the Appropriate Housing	-	-



# Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTION



CCP

Core<sup>®</sup> Control Point for use with One or Two WeCanX<sup>®</sup> Tracers when NOT using CenCom Core<sup>®</sup>

# DASH & DECK

## Avenger® II Series

5YR 12V HARD COAT SAE CLASS 1 SOLO DUO TRIO

Features available across product family. May not apply to every model.



### FEATURES

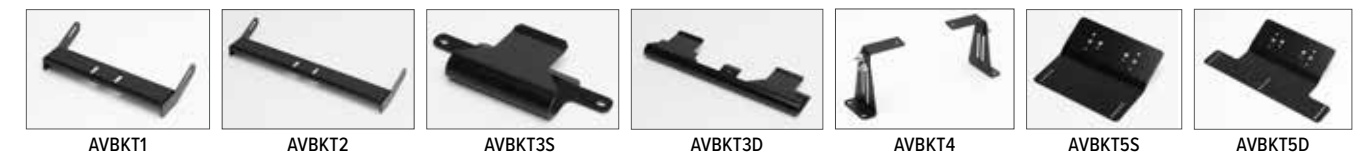
- Combination Linear/TIR optics provide high-intensity waring and illumination, with a smaller profile to maximize space for optimal versatility
- Black polycarbonate housing
- Mounts via swivel/bail bracket with three suction cups
- Cigar plug series models include 10' cord with On/Off switch and Scan-Lock™ flash pattern switch
- Hard-wired series models include a 2-wire (SOLO™), 3-wire (DUO™), or 4-wire (TRIO™) pigtail

Model	Series	Lamp	Colors	Override	VDC	Patterns	Compliance	Dimensions (with shroud)
AVC11*	SOLO	Single	Amber or White	N/A	12	26	SAE Class 1	6.50" (165mm) W, Single 10.25" (260mm) W, Dual x 1.75" (44mm) H x 4.50" (144mm) D  Height With Adjustable Mounting Bracket: 1.6" (41mm) to 1.9" (74mm)
AVC21**		Dual	Amber or White			55		
AVC12#	DUO	Single	Amber/White or Blue/Amber			26		
AVC22FF		Dual	Two Amber/White			55		
AVC22MM			Two Blue/Amber			55		
AVC13BAC	TRIO	Single	Blue/Amber/White			White		
AVC23BAC		Dual	Blue/Amber/White	White				



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
 # Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

### OPTIONS





# SpitFire ION™



Features available across product family. May not apply to every model.

\*Please contact Whelen for specific photometric information regarding CA Title 13 lighthouse and configurable lightbar product conformance.



SFIONA

## FEATURES

- 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™ flash pattern switch

Model	Amps	VDC	Patterns	Compliance	Dimensions
SFION*	1.0/Peak, 0.40/Avg	12	25 Scan-Lock	SAE Class 1 and CA T13	5.13" (130mm) W x 1.63" (41mm) H x 3.38" (86mm) D

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

# FlatLighter™



Features available across product family. May not apply to every model.



FLLEDAA

## FEATURES

- Visor mount
- Includes Velcro® mounting straps
- Includes 8' straight cord with cigar plug

Model	Amps	VDC	Patterns	Compliance	Dimensions
FLLED**	0.90/peak, 0.38/avg	12	21 Scan-Lock	SAE Class 1	13" (330mm) W x 4.50" (114mm) H x 1.25" (32mm) D

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

# SlimLighter®



Features available across product family. May not apply to every model.



SLPMMAA

## FEATURES

- TIR6™ 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

Model	Amps	VDC	Patterns	Compliance	Dimensions
SLPMM**	1.5/Peak, 0.6/Avg	12	21 Scan-Lock™	SAE Class 1	16.38" (416mm) W x 1.65" (42mm) H x 1.79" (45mm) D

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

# Slim-Miser™



Features available across product family. May not apply to every model.



SMLLAA

## FEATURES

- LED interior light
- Includes 10' straight cord with cigar plug, On/Off switch and LED "On" indicator
- Swivel mount with 3 suction cups securely holds dash light to windshield, minimizing flashback

Model	Amps	VDC	Patterns	Compliance	Dimensions
SMLLAA	0.33/Peak, 0.10/Avg	12	17 Scan-Lock	SAE Class 1	12.85" (326mm) W x 1.63" (42mm) H x 2.75" (70mm) D

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

# Dominator™ & Dominator Plus™ Series



Features available across product family. May not apply to every model.

\*Please contact Whelen for specific photometric information regarding CA Title 13 lighthouse and configurable lightbar product conformance.



## FEATURES

- Low-profile surface mount housing designed for interior or exterior use
- Choice of TIR3™ or LINZ6™ Super-LED® modules
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Internal self-contained electronics
- Slide bolt mount
- Extruded aluminum Black powder-coated housing
- Eight module units available with end flashers

Model	Description	Patterns	Amps	VDC	Compliance	Height & Depth	Length	
D2	2-Lamp, Requires Two D*	7 Scan-Lock™	0.4/Peak, 0.16/Avg Per Lamp	12	SAE Class 1	1.19" (35mm) H x 2.19" (55mm) D	7" (178mm)	
D4	4-Lamp, Requires Four D*	10 Scan-Lock					14" (356mm)	
D6	6-Lamp, Requires Six D*						21" (533mm)	
D8	8-Lamp, Requires Eight D*						28" (711mm)	
D*	TIR3 Super-LED Lighthouse, Amber or White	-	-	-	-	-		
DP2	2-Lamp, Requires Two DP*	7 Scan-Lock	0.44/Peak, 0.2/Avg Per Module	12	SAE Class 1 and CA T13	1.19" (35mm) H x 2.19" (55mm) D	7" (178mm)	
DP4	4-Lamp, Requires Four DP*						14" (356mm)	
DP6	6-Lamp, Requires Six DP*						23" (584mm)	
DP8	8-Lamp, Requires Eight DP*						30" (762mm)	
DPTA6A	6-Lamp, Amber LINZ6 Traffic Advisor™		Pairs May Be Synchronized To Each Other				0.75/Peak, 0.30/Avg Per Module	23" (584mm)
DPTA6	6-Lamp, LINZ6 Traffic Advisor, Requires Six DP*							23" (584mm)
DPTA8A	8-Lamp, Amber LINZ6 Traffic Advisor							30" (762mm)
DPTA8	8-Lamp, LINZ6, 6-Lamp Traffic Advisor and Two End Warning Lights							30" (762mm)
DPTAW8	8-Lamp, LINZ6 Traffic Advisor	30" (762mm)						
DP*	LINZ6 Super-LED Lighthouse, Amber or White	-	-	-	-	-		

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





# LIGHTHEADS

## ION™ Series

5YR 12 SYNC SCAN LOCK HARD COAT R65 CLASS 1 SAE CLASS 1 SOLO DUO TRIO

Features available across product family. May not apply to every model.



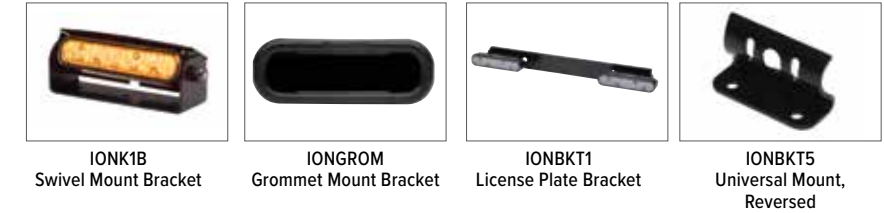
### FEATURES

- SOLO™ models available in single or split-colors
- DUO™ and TRIO™ models feature Linear-LED® optics
- Available with Smoked lenses
- Surface or universal mount

Model	Technology	LED Color	Amps	VDC	Patterns	Compliance	Dimensions	
ION*	Directional Linear Super-LED®	Amber or White	1.0/ Peak, 0.4/ Avg	12	33 Scan-Lock™	SAE Class 1 & R65 Class 1	Universal Mount: 4" (101mm) W x 1" (25mm) H x 1.25" (32mm) D  Surface Mount: 5.91" (150mm) W x 1.69" (43mm) H x 1.13" (28mm) D	
ION#	Directional Linear Split-Color Super-LED	Amber/Blue or Amber/White						
WION*	Wide-Angle Linear Super-LED	Amber or White						
WION#		Amber/Blue or Amber/White						
IONSM*	Directional Linear Super-LED	Amber or White						
IONSMC*		Amber/Blue or Amber/White						
IONSM#		Amber/Blue						
WIONSM*		Amber or White						
WIONSMC*	Wide-Angle Linear Super-LED	Amber or White						
WIONSM#		Amber/Blue or Amber/White						
WIONSMCD		Amber/Blue or Amber/White						
I2#	Linear DUO Super-LED	Amber/White or Amber/Blue						69 Scan-Lock
I2SM#		Amber/White or Amber/Blue						
I3MC	Linear TRIO Super-LED	Blue/Amber/White						
I3MMC		Blue/Amber/White						

\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue, C=White  
 # Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

### OPTIONS



# ION™ T-Series™



Features available across product family. May not apply to every model.



## FEATURES

- Linear Super-LED® optics
- SOLO™ models available in single or split-colors
- Easily mounts to surface with two screws
- Includes Black flange
- Available with Smoked lenses

Model	Technology	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
TLI*	SOLO, Linear Super-LED	Amber or White	.8/Peak, .32/Avg	12	25 Scan-Lock™	SAE Class 1 R65 Class 1	5.14" (150mm) W x 1.49" (38mm) H x 0.52" (13mm) D
TLI#	SOLO, Linear Split-Color Super-LED	Amber/White, Amber/Blue or Amber Green			69 Scan-Lock		
TLI2#	DUO, Linear Super-LED	Amber/White, Amber/Blue or Amber/Green			33 Scan-Lock		

\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
 # Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber, P=Amber/Green  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



# ION™ Mini T-Series™



Features available across product family. May not apply to every model.



## FEATURES

- Linear Super-LED® optics
- Easily mounts to surface with two screws
- Includes Black flange
- Available with Smoked lenses

Model	Technology	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
TLM1*	SOLO™	Amber or White	.5/Peak, .2/Avg	12	25 Scan-Lock™	SAE Class 1 R65 Class 1	3.34" (85mm) W x 1.50" (38mm) H x .54" (14mm) D
TLM12#	DUO™	Amber/White or Amber/Blue			33 Scan-Lock		

\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
 # Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber  
 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS





# ION™ V-Series™



Features available across product family. May not apply to every model.



IONSV1A



IONSV1C



Above: ION V-Series profile  
Below: IONSV profile (for comparison)



## FEATURES

- Available in 3-in-1 combination warning, spotlight, and ground illumination light or in single-color warning-only models
- Single-color models have combination 180° and TIR™ directional warning
- Black, White, or Chrome housing
- Available with Smoked lenses

Model	Technology	Mount	LED Color	Housing	Amps	VDC	Patterns	Compliance	Dimensions
IONV3*	Linear Super-LED®	Universal	Amber or White with White Illumination	Black	Warning .77 Alley .31 Ground Illumination .12	12	33 Scan-Lock™	SAE Class 1 R65 Class 1	Surface Mount: 5.94" (150mm) W x 1.69" (43mm) H x 2" (50mm) D
IONSV3*		Surface		Black					
IONSV3*W				White					
IONSV3*C				Chrome					
IONV1*	Linear and TIR Super-LED with Directional Light	Universal	Amber or White	Black	.12	25 Scan-Lock		Universal mount: 4.06" (104mm) W x 1" (25mm) H x 2.189" (56mm) D	
IONSV1*		Surface		Black					
IONSV1*C				Chrome					



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



IONK1B  
Swivel Mount Bracket



IONGROM  
Grommet Mount Bracket



IONBKT1  
License Plate Bracket



IONBKT5  
Universal Mount, Reversed

# Micron™ Series



Features available across product family. May not apply to every model.



MCRNSA



MCRNSM

## FEATURES

- Surface mount installation
- Fully encapsulated
- 4" compact lighthoods designed for use in virtually any lighting application
- Directional light pattern
- Available with Smoked lenses

Model	Optics	Technology	Mount	LED Color	Housing	Amps	VDC	Patterns	Cable	Compliance	Dimensions
MCRNS*	Single-Color	Super-LED®	Surface	Amber or White	Black	0.6/Peak, 0.24/Avg	12	25 Scan-Lock™	6" Pigtail	SAE Class 1 R65 Class 1	4" (102mm) W x 0.88" (23mm) H x 0.88" (23mm) D
MCRNSC*					Chrome						
MSRNS#	Split-Color			Amber/White or Amber/Blue	Black						
MSRNSC#				Chrome							
MCRNT*	Single-Color		Stud	Amber or White	Silver						
MCRNT#	Split-Color			Amber/White or Amber/Blue							



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
# Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



MCRNB1  
"L" Angle Mounting Bracket



MCRNB2  
License Plate Bracket

# TIR3™, LIN3™, LINZ6™, & LINV2™ Series



Features available across product family. May not apply to every model.



## FEATURES

- Includes Black polycarbonate mounting flange
- Fully encapsulated for moisture, vibration and corrosion resistance - LINZ6™ sealed with LIM (liquid injection molded) seal
- 6" pigtail cable included

Model	Optics	Technology	Mount	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
RS*03ZCR	Directional	TIR3 Super-LED®	Horizontal Surface	Amber or White	0.40/Peak, 0.16/Avg	12	25 Scan-Lock™	R65 Class 1	3.50" (89mm) W x 1.13" (28mm) H x 1.25" (32mm) D
RV*03ZCR			Vertical Surface						
RS*02ZCR		LIN3 Super-LED	Horizontal Surface	Amber/White	0.75/Peak, 0.30/Avg	4" (102mm) W x 2" (48mm) H x 1.63" (40mm) D			
LINZ6*	LINZ6 Super-LED	Amber/Amber							
LINZ6F	Split	LINZ6 Super-LED		Amber/Amber					
LINZ61	Directional	LINZ6 Super-LED	Amber/Amber						
LINV2*	Combination Warning and Puddle Light	LINV2 Super-LED	Horizontal Surface	Amber or White	0.75/Warning, 0.12/Puddle	3.85" (98mm) W x 1.50" (40mm) H x 1.63" (42mm) D			
LINSV2*			Under Surface Mounting				2.85" (73mm) W x 1.13" (28mm) H x 2.81" (71mm) D		

\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
# Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



# Vertex™ Series



Features available across product family. May not apply to every model.



## FEATURES

- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option
- Fully encapsulated lamp and in-line lamp driver for moisture and vibration resistance
- Clear outer lens, Color LEDs
- Available with Smoked lenses

Model	LED Color	Amps	VDC	Patterns	Cable	Compliance	Dimensions
VTX609*	Red, Blue, Amber or White	1.0/Peak, 0.4/Avg	12	25 Scan-Lock™	9' Cable	R65 Class 1	1" (26mm) H x 1.63" (41mm) Dia.
VTX9#	DUO™ Color, Amber/White, Amber/Blue or Amber/Green						

\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
# Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber, P=Amber/Green  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS





# OS™ Series



Features available across product family. May not apply to every model.



OSA00FCR



OSC00SCR



OACOEDCR

## FEATURES

- Fully encapsulated lamp and in-line lamp driver for moisture and vibration resistance
- Small and versatile LED lighting for virtually any area of a vehicle

- Includes Chrome housing
- Clear outer lens, color LEDs

Model	Optics	Technology	Application	Mount	LED Color	Lens	Housing	Amps	VDC	Patterns	Dimensions
OACOEDCR	OS Series	LED	White Illumination	Surface	White	Clear	Chrome	0.3	12	Steady	1.50" (38mm) W x 1" (25mm) H x 0.5" (13mm) D
OACOEDCR											1.85" (48mm) W x 1" (25mm) H x 0.88" (21mm) D
OS*00FCR			Flasher		Amber or White			Single Flash		1.5" (38mm) W x 1" (25mm) H x 0.5" (13mm) D	
OS*00SCR										Steady	0.5" (13mm) D



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

# 2G & 5G Series



Features available across product family. May not apply to every model.



5GA00FAR



2GA00FAR

## FEATURES

- SmartLED® design requires no external flasher
- Fully encapsulated

- Includes mounting grommet
- Available with Clear, or Color lenses

Model	Description	LED Color	Lens Color	Amps	VDC	Patterns	Dimensions
2G*00F*R	2G Series	Red or Amber	Red or Amber	5G	12	15 Scan-Lock™	5.5" (140mm) Dia. x 1.25" (32mm) D (with grommet)
2G*00FCR			Clear				
5G*00F*R	5G Series		Red or Amber	2G			3.19" (81mm) H x 7.44" (189mm) W x 1.25" (32mm) D (with grommet)
5G*00FCR			Clear	.78/Peak, .35/Avg			



\* Replace symbol in model number with letter indicating desired color: A=Amber, R=Red  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



5GFLANGC  
Chrome Flange



5GFLANGB  
Black Flange



5GBKT1  
"L" Bracket



2GFLANGC  
Chrome Flange



2GFLANGB  
Black Flange



2GBKT1  
"L" Bracket

# 3" Round Series



Features available across product family. May not apply to every model.



3SA00FAR



3SC00FCR

## FEATURES

- Available with Clear, or Color lenses
- Conformal coated electronics for moisture and vibration resistance

Model	Description	LED Color	Lens Color	VDC	Amps	Cable	Dimensions
3S*00F*R	3" Round Surface Mount LED	Amber or White	Amber or White	12	.42/Peak, .21/Avg	6" Pigtail	3" (76mm) Dia. x 0.54" (14mm) D



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



3FLANGEC  
Chrome Flange



3GROMMET  
Grommet

# 4" Round Series



Features available across product family. May not apply to every model.



2FA00ZAR



2EA00ZAR

## FEATURES

- Supplied with adapter for PAR-36 (4.5") applications
- Conformal coated electronics for moisture and vibration resistance
- Wide-angle Super-LED® lighthouse accommodates various applications

Model	Optics	Technology	Mount	LED Color	Amps	VDC	Patterns	Cable	Compliance	Dimensions
2F*00Z*R	Flat Lens	TIR6™ Super-LED®	Surface or Grommet	Amber or White	0.8/Peak, .32/Avg	12	25 Scan-Lock™	6" Pigtail	SAE Class 1	4.25" (108mm) Dia. x 1.19" (30mm) D
2E*00Z*R	Extended Lens	LINZ6™ Super-LED			2/Peak, 0.9/Avg					4.25" (108mm) Dia. x 2" (51mm) D



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



2FLANGEB  
Black Flange



2FLANGEC  
Chrome Flange



2GROMMET  
Grommet



# Strip-Lite™ Plus Sequence Light



Features available across product family. May not apply to every model.




PSSEQACR Shown In Sequencing Mode

## FEATURES

- Sequencing features: left, right, split, and flashing patterns
- Low current consumption
- Easily mounts to surface with two screws via included Black flange
- Chrome flange option available
- IP67 rated
- E Block™ technology prevents air and moisture from entering the lighthouse
- Symmetrical center positioned wire exit
- Includes a 12" pigtail

Model	Technology	LED Color	Lens Color	VDC	Amps	Patterns	Dimensions
PSSEQACR	Sequencing Light	Amber	Clear	12	1.93	6 Sequencing or 11 Flashing	11.11" (28.21 cm) L x 1.68" (4.27 cm) H x 0.53" (1.33 cm) D

 Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTION



PSFC  
Chrome Flange

# Strip-Lite™ Plus Warning Light



Features available across product family. May not apply to every model.



PSA01FCR

## FEATURES

- Low current consumption
- Surface mount
- Symmetrical center positioned wire exit
- Includes a 12" pigtail
- Easily mounts to surface with two screws via included Black flange
- Chrome flange option available
- IP67 rated
- E Block™ technology prevents air and moisture from entering the lighthouse

Model	Technology	LED Color	Lens Color	VDC	Amps	Patterns	Compliance	Dimensions
PS*01FCR	SOLO™	Blue, Amber or White	Clear	12	.82/Peak, .33/Avg	25 Scan-Lock™	SAE Class 1	11.11" (28.21 cm) L x 1.68" (4.27 cm) H x 0.53" (1.33 cm) D
PS#02FCR	DUO™	Amber/White or Blue/Amber				69 Scan-Lock		



\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue, C=White  
# Replace symbol in model number with letter indicating color combo desired: F=Amber/White, M=Blue/Amber  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTION



PSFC  
Chrome Flange

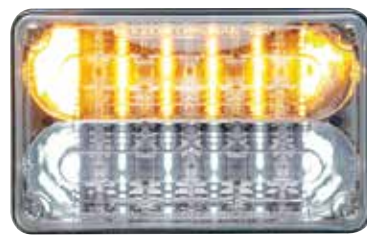
# 400 Series



Features available across product family. May not apply to every model.



Single-level



Dual-level



V-Series™

## FEATURES

•Linear Super-LED® available in single or dual-level warning

•Available with Clear or Color lenses

Model	Optics	Technology	Mount	LED Color	VDC	Amps	Patterns	Cable	Compliance	Dimensions
40**5SCR	Dual-Level	Linear Super-LED	Requires Optional Mounting	Amber or White	12	1.8/Peak, 0.72/Avg	Requires Optional Flasher	6" Pigtail	SAE Class 1	4.94" (124mm) W x 3.19" (77mm) H x 2" (50mm) D
40*02Z*R	Single-Level		Surface			0.90/Peak, 0.36/Avg	25 Scan-Lock™			4.94" (124mm) W x 3.19" (77mm) H x 1.38" (34mm) D
4V3*	Warning, Alley/Flood & Puddle Light	3-in-1 Super-LED Lighting		Amber or White Warning, Steady White For Alley And Puddle		1.2 Warning 0.40 Alley 0.12 Puddle	Warning has 32 Scan-Lock Patterns			4.94" (124mm) W x 3.06" (77mm) H x 2.75" (69mm) D

\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



4FLANGE Chrome Flange

4FLANGEB Black Flange

4TSMAB Surface Mount Adapter, Available in Chrome

4EGRILP Grille-Master™

# 500 Series



Features available across product family. May not apply to every model.



50A03ZAR



50A02ZAR



5V3A

## FEATURES

- Available with Linear Super-LED® or TIR6™ optics
- Conformal coated electronics for moisture and vibration resistance
- Available with Clear or Color lenses

- 6" Pigtail
- Visit [www.whelen.com](http://www.whelen.com) for a full list of available mounting hardware

Model	Optics	Technology	Mount	LED Color	VDC	Amps	Patterns	Compliance	Dimensions
50*02Z*R	Single-Color, Horizontal Mount	Linear Super-LED	Requires Optional Mounting	Amber or White	12	1.0/Peak, 0.40/Avg	25 Scan-Lock™	SAE Class 1	5" (127mm) W x 1.63" (41mm) H x 1.75" (44mm) D (Lighthouse Only)
50**2ZCR	Split-Color, Horizontal Mount			Amber/Amber, Amber/Blue, Amber/Green, Amber/White or White/White		0.50/Peak, 0.20/Avg Per Side			
5V*02Z*R	Single-Color, Vertical Mount			Amber or White		1.0/Peak, 0.40/Avg			
50A02SA1	Single-Color, Horizontal Mount for Waste Trucks	TIR6 Super-LED	Includes Grommet	Amber	12	0.63/Peak, 0.32/Avg	32 Scan-Lock	SAE Class 1	5" (127mm) W x 1.63" (41mm) H x 1.38" (35mm) D
50AA2SA2	Single-Color, Vertical Mount For Truck Cab		Includes Chrome Flange						
50*03Z*R	Single-Color, Horizontal Mount	V-Series™ & TIR Super-LED	Requires Optional Mounting	Amber or White					
50**3ZCR	Split-Color, Horizontal Mount	V-Series Super-LED	Requires Optional Mounting	Amber/Amber, Amber/Blue, Amber/White or White/White	12	1.2 Warning 0.40 Alley 0.12 Puddle	32 Scan-Lock	SAE Class 1	5.38" (137mm) W x 2.13" (54mm) H x 1.63" (42mm) D
5V1*	Single-Color, Horizontal Mount			Amber or White					
5V3*	Warning, Alley/Flood & Puddle Light, Horizontal Mount	V-Series Super-LED		Amber or White Warning, Steady White For Alley And Puddle					

\* Replace symbol in model number with letter indicating desired color: A=Amber, B=Blue, C=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



5FLANGEC Chrome Flange, Also Available in Black and Polished Aluminum

5GROMMET Grommet

5GBKT1 "L" Bracket

5TSMAB Surface Mount Adapter, Also Available in Chrome

5LSMAC Surface Mount Adapter, Also Available in Black

5BRUSH Brush Guard



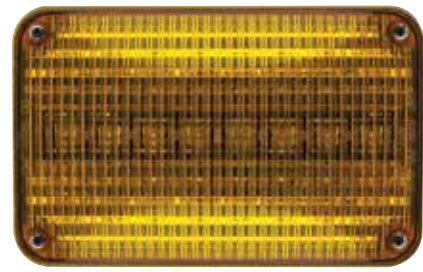
# 600 Series



Features available across product family. May not apply to every model.



6RBA



60A02SAR

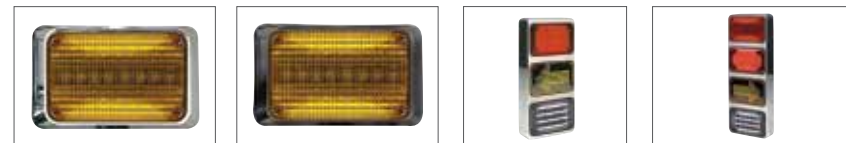
## FEATURES

- Linear Super-LED® or Rota-Beam™ models available
- Surface mount and recess mount models
- Available with Clear or Color lenses
- Available in steady-burn or with an internal flasher
- 6" Pigtail

Model	Optics	Technology	Mount	LED Color	Lens Color	VDC	Amps	Patterns	Compliance	Dimensions
6RB*	Oscillating	Rota-Beam Super-LED®	Surface Recessed Mount	Amber or White	Color	12	2.2/Peak, 1.1/Avg	14 Scan-Lock™	SAE Class 1	6.56" (167mm) W x 4.19" (106mm) H x 3.44" (88mm) D
6RB*C					Clear					4.25" (109mm) W x 2.69" (68mm) H x 1.50" (38mm) D
60*02S*R	Single-Color Steady	Single-Color Super-LED			6.88" (175mm) W x 4.13" (105mm) H x 1.75" (44mm) D					
60*02F*R	Single-Color Flashing				54					

\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White. Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



6FLANGE  
Chrome Flange

6FLANGEB  
Black Flange

PLAST3V  
Chrome Flange, Three Light, Also Available in Polished Aluminum

PLAST4V  
Chrome Flange, Four Light, Also Available in Polished Aluminum

# V23™ Series



Features available across product family. May not apply to every model.



V23ATPC



V23ATPB

## FEATURES

- Models have 3-in-1 180° wide-angle warning, illumination, and puddle light
- Mounts to surface via two screws for easy installation
- Available with Smoked lenses
- Warning available with an internal flasher
- White lights available as steady-burn

Model	Optic	Technology	LED Color	Lens	Flasher	Patterns	VDC	Amps	Compliance	Dimensions
V23*TPB	V-Series™ (Includes Black Flange)	Super-LED®	Amber or White	Clear	Built-in	26 Scan-Lock™	12	Warning 0.76/Peak, 0.30/Avg Take-Down 0.62, Perimeter 0.12	SAE Class 1	4.25" (109mm) W x 2.69" (68mm) H x 1.50" (38mm) D
V23*TPC	V-Series (Includes Chrome Flange)		Warning with White Illumination							

\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White. Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



V23P20B  
Black 20° Angled Surface Mount Housing

V23P20B  
Chrome 20° Angled Surface Mount Housing

V23PEDB  
Black Pedestal Mount Kit

V23PEDC  
Chrome Pedestal Mount Kit

# M9 Series



Features available across product family. May not apply to every model.



## FEATURES

- Available in combination warning/scene light
- Choose from Clear or Color lenses
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Available in steady-burn or with an internal flasher
- Mounts to surface via two screws for easy installation
- DVI™ enabled light patterns
- E Block™ technology prevents air and moisture from entering the lighthouse
- IP67 rated

Model	Optics	Technology	LED Color	Lens Color	Patterns	VDC	Amps	Compliance	Dimensions
M9*	Directional	SOLO™	Amber or White	Color	189 Scan-Lock™	12	3.0/Peak, 1.2/Avg	SAE Class 1	10.38" (263mm) W x 6.50" (165mm) H x 1.38" (35mm) D
M9*C				Clear	64 Scan-Lock				
M9F		Split-Color	Amber/White	Requires Flasher Purchased Separately					
M9*S		SOLO	Amber or White	Requires Flasher Purchased Separately					
M9*CS		DUO™	Amber/White	Clear	189 Scan-Lock				
M9D#	Combo	Color Warning And Scene Light	Amber/White	Clear	26 Scan-Lock	12	2.4/Peak, 0.96/Avg	SAE Class 1	10.38" (263mm) W x 6.50" (165mm) H x 2.63" (66mm) D
M9#					Warning 1.58 Scene Light 1.53				
M9*CZ	V-Series™	SOLO Warning, White Illumination	Amber or White Warning With White Illumination	Color Warning, Clear Illumination	32 Scan-Lock	12	Warning 2.4/Peak, 0.96/Avg Scene Light 2.4 Amps	SAE Class 1	10.38" (263mm) W x 6.50" (165mm) H x 2.63" (66mm) D
M9V2*				Clear	32 Scan-Lock				
M9V2*C				Clear	32 Scan-Lock				



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



M9FC Chrome flange  
M9FB Black flange  
M9FC900 Chrome flange. Adapts M9 warning to 900 Series mounting  
M9FCZ900 Chrome flange. Adapts M9 scene light to 900 Series mounting

# M6 & M7 Series



Features available across product family. May not apply to every model.



## FEATURES

- Available in single or split-colors
- Available in combination Warning/Scene Light
- Choose from Clear or Color lenses
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Available in steady-burn or with an internal flasher
- Mounts to surface via two screws for easy installation
- DVI™ enabled light patterns
- E Block™ technology prevents air and moisture from entering the lighthouse
- IP67 rated

Model	Optics	Technology	LED Color	Lens Color	Patterns	VDC	Amps	Compliance	Dimensions
M6*		SOLO™	Amber or White	Color	189 Scan-Lock™	12	2.25/Peak, 0.9/Avg	SAE Class 1 and R65 Class 1	6.75" (170mm) W x 4.31" (109mm) H x 1.3" (35mm) D
M6*C				Clear	64 Scan-Lock				
M6F		Split-Color	Amber/White	Clear	64 Scan-Lock				
M6*S	Directional	SOLO	Amber or White	Color	Requires Flasher Purchased Separately	12	2.4/Peak, 1.0/Avg	SAE Class 1 and R65 Class 1	6.70" (170mm) W x 4.31" (109mm) H x 1.40" (36mm) D
M6*CS				Clear	189 Scan-Lock™				
M6D#		DUO™	Amber/White or Amber/Blue	Clear	189 Scan-Lock™	12	Warning 1.5/Peak, 0.60/Avg Perimeter 0.77	SAE Class 1 and R65 Class 1	6.75" (170mm) W x 4.31" (109mm) H x 2.25" (57mm) D
M6V2*	V-Series™	SOLO Warning, White Illumination	Amber or White Warning With White Illumination	Color For Warning, Clear For Illumination	Warning has 32 Scan-Lock				
M6V2*C				Clear	32 Scan-Lock				
M7*		SOLO	Amber or White	Color	189 Scan-Lock	12	2.25/Peak, 0.9/Avg	SAE Class 1 and R65 Class 1	7.64" (194mm) W x 3.38" (86mm) H x 1.40" (36mm) D
M7*C				Clear	64 Scan-Lock				
M7F	Split-Color	Amber/White	Clear	64 Scan-Lock					
M7*S	Directional	SOLO	Amber or White	Color	Requires Flasher Purchased Separately	12	2.4/Peak, 0.6/Avg	Class 1	7.64" (194mm) W x 3.38" (86mm) H x 1.40" (36mm) D
M7*CS				Clear	189 Scan-Lock				
M7D#		DUO	Amber/White or Amber/Blue	Clear	189 Scan-Lock	12	2.4/Peak, 0.6/Avg	Class 1	7.64" (194mm) W x 3.38" (86mm) H x 1.40" (36mm) D
M7D#		DUO	Amber/White or Amber/Blue	Clear	189 Scan-Lock				



\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS



M6FC / M7FC Chrome Flange, Also Available in Black M6FB / M7FB  
M6P15C 15° Chrome Flange, Also Available in Black M6P15B / M7P15B  
M6FCV3 Chrome Flange for Three Lighthoods  
M6FCV4 Chrome Flange for Four Lighthoods  
M6BRUSH / M7BRUSH Brush Guard



# M2 & M4 Series



Features available across product family. May not apply to every model.



## FEATURES

- Available in combination Warning/Scene Light
- Choose from Clear or Color lenses
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Available in steady-burn or with an internal flasher
- Surface mounts via two screws for easy installation
- DVI™ enabled light patterns (M4 models only)
- E Block™ technology prevents air and moisture from entering the lighthouse
- IP67 rated

Model	Optics	Technology	LED Color	Lens Color	Patterns	VDC	Amps	Compliance	Dimensions						
M2*	Directional	SOLO™	Amber or White	Color	25 Scan-Lock™ Including Steady-Burn	12	1/Peak, 0.45/Avg	SAE Class 1, R65Class 1	4" (102mm) W x 2.50" (64mm) H x 1" (25mm) D						
M2*C				Clear											
M2F				Split-Color						Amber/White	Clear	69 Scan-Lock			
M2W*	Wide-Angle	SOLO	Amber or White	Color	25 Scan-Lock Including Steady-Burn										
M2W*C				Clear											
M4*	Directional	SOLO	Amber or White	Color	150 Scan-Lock					1.5/Peak, 0.6/Avg	SAE Class 1, R65Class 1	5.49" (139mm) W x 3.38" (86mm) H x 1.4" (36mm) D			
M4*C				Clear											
M4F				Split-Color									Amber/White	Clear	64 Scan-Lock
M4*S				SOLO									Amber or White	Color	Requires flasher (Purchased Separately)
M4*CS	DUO™	Amber, White	Clear	149 Scan-Lock	Warning 1.0/Peak, 0.40/Avg, Perimeter 0.77					5.50" (138mm) W x 3.38" (86mm) H x 1.85" (47mm) D					
M4D#	SOLO Warning, White Illumination	Amber or White Warning With White Illumination	Clear	25 Scan-Lock											
M4V2*	V-Series™	SOLO Warning, White Illumination	Amber or White Warning With White Illumination	Clear	25 Scan-Lock	Warning 1.0/Peak, 0.40/Avg, Perimeter 0.77	SAE Class 1, R65Class 1	5.50" (138mm) W x 3.38" (86mm) H x 1.85" (47mm) D							

\* Replace symbol in model number with letter indicating desired color: A=Amber, C=White  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTIONS

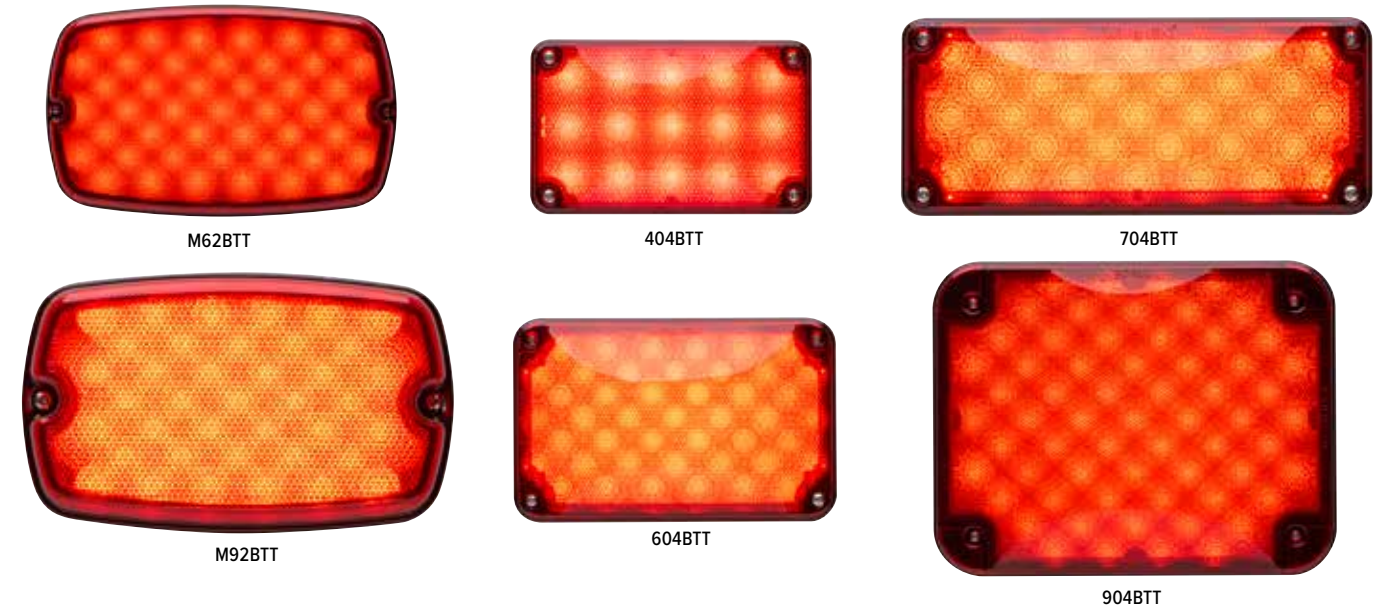


M4FC Chrome Flange, Also Available in Black M4FB  
M4BRUSH Brush Guard  
M2FC Chrome Flange, Also Available in Black M2FB  
M2GROM Grommet Mount  
M2PEDB Pedestal Mount, Also Available in Chrome M2PEDC

# Brake/Tail/Turn Lights



Features available across product family. May not apply to every model.



## FEATURES

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- E Block™ technology prevents air and moisture from entering the lighthouse
- Surface mounts via two screws for easy installation
- A variety of mounting brackets and optional Black and Chrome flanges are available
- Meets SAE requirements
- 5-year warranty

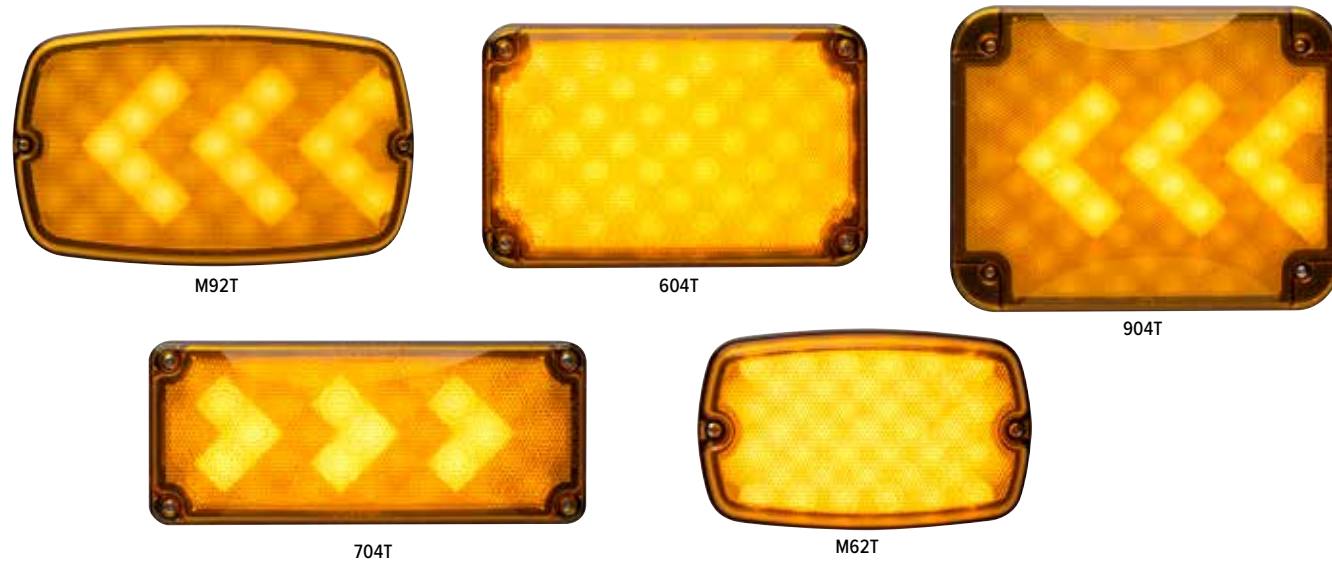
Model	Optics	Technology	Mount	Lens	VDC	Amps @ 12V	Cable	Dimensions	
M62BTT	M6 Series	LED	M6FB (Purchased Separately)	Red	12/24	0.53 Brake/Turn 0.06 Tail	6"	6.75" (170mm) W x 4.31" (109mm) H x 1.38" (35mm) D	
M92BTT	M9 Series		M9FB (Purchased Separately)					10.38" (263mm) W x 6.50" (165mm) H x 1.38" (35mm) D	
404BTT	400 Series		Surface Mount with Black Flange Included					0.7 Brake/Turn 0.06 Tail	4.94" (124mm) W x 3.19" (77mm) H x 2.75" (69mm) D
604BTT	600 Series							0.6 Brake/Turn 0.06 Tail	6.95" (177mm) W x 4.55" (116mm) H x 1.73" (44mm) D
704BTT	700 Series							0.65 Brake/Turn 0.05 Tail	7.27" (185mm) W x 3.07" (78mm) H x 1.28" (33mm) D
904BTT	900 Series							0.48 Brake/Turn 0.06 Tail	9.79" (249mm) W x 7.79" (198mm) H x 1.67" (43mm) D



# Turn Signals



Features available across product family. May not apply to every model.



## FEATURES

- Surface mount
- Arrows may be mounted left or right
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- E Block™ technology prevents air and moisture from entering the lighthouse
- Surface mounts via two screws for easy installation
- A variety of mounting brackets and optional Black and Chrome flanges are available
- Meets SAE requirements
- 5-year warranty

Model	Optics	Technology	Mount	Lens	VDC	Amps @ 12V	Patterns	Cable	Dimensions
M62T	M6 Series	LED	M6FB (Purchased Separately)	Amber	12/24	0.84	10 Scan-Lock™	6" Pigtail	6.75" (170mm) W x 4.31" (109mm) H x 1.38" (35mm) D
M92T	M9 Series		M9FB (Purchased Separately)						10.38" (263mm) W x 6.50" (165mm) H x 1.38" (35mm) D
404T	400 Series		Surface Mount with Black Flange Included			0.63	1 Scan-Lock		4.94" (124mm) W x 3.19" (77mm) H x 2.75" (69mm) D
604T	600 Series					0.94	10 Scan-Lock		6.95" (177mm) W x 4.55" (116mm) H x 1.73" (44mm) D
704T	700 Series					0.84			7.27" (185mm) W x 3.07" (78mm) H x 1.28" (33mm) D
904T	900 Series					0.94	6 Scan-Lock		9.79" (249mm) W x 7.79" (198mm) H x 1.67" (43mm) D



# Back-Up Lights



Features available across product family. May not apply to every model.



## FEATURES

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- E Block™ technology prevents air and moisture from entering the lighthouse
- Surface mounts via two screws for easy installation
- A variety of mounting brackets and optional Black and Chrome flanges are available
- Meets SAE requirements
- 5-year warranty

Model	Optics	Technology	Mount	Color	Lens	VDC	Amps	Cable	Dimensions
5GC00WCR	5G Series	LED	Grommet mount	White	Clear	12	0.15	6" Pigtail	7.44" (189mm) W x 3.19" (81mm) H x 1.25" (32mm) D
M62BU	M9 Series		M6FB (Purchased Separately)						0.18
M92BU	M6 Series		M9FB (Purchased Separately)				0.12		10.38" (263mm) W x 6.50" (165mm) H x 1.38" (35mm) D
404BUH	400 Series		Black flange included				0.13		4.94" (124mm) W x 3.19" (77mm) H x 2.75" (69mm) D
404BUV									6.95" (177mm) W x 4.55" (116mm) H x 1.73" (44mm) D
604BU	600 Series		Surface Mount with Black Flange Included				0.18		7.27" (185mm) W x 3.07" (78mm) H x 1.28" (33mm) D
704BU	700 Series								9.79" (249mm) W x 7.79" (198mm) H x 1.67" (43mm) D





# WHITE ILLUMINATION

## Arges® Remote Spotlight

2YR MOTOR ONLY 5YR  $\geq 12$  WECAN X PROCLERA ProFocus.

Features available across product family. May not apply to every model.



ARGCH1



ARGES1

### FEATURES

- The innovative mechanical design provides 360° of continuous rotation and a 180° tilt range
- ProFocus™ Models: 5° spot to 60° flood variable beam width
- Spotlight Models: 5° spot
- Proclera® Silicone Optics
- Black die-cast aluminum housing
- CenCom Core® and WeCanX® compatible
- Drivetrain is electronically and mechanically protected
- Arges installs quickly and requires no A-pillar drilling or airbag interference
- Includes two 18" power control harnesses and one 12" communication cable
- Control head features a paddle and three push-buttons
- Program Arges with Whelen Command® or use alone with its paired control head
- Full Arges system passes CISPR 25 Class 3

Model	Description
ARGES1	5° Spotlight with Proclera® Silicone Optic
ARGES2	ProFocus™, Select from Spot/Flood Combination Light or Floodlight from the Control Head
ARGCH1	Control Head for Arges, Bail Bracket
ARGCH2	Control Head for Arges, Swivel Mount
ARGFM	Flat Mount, Universal
ARGFMKT	Arges Kit, Includes ARGES1 Spotlight, ARGCH1 Control Head and ARGFM Flat Mount
ARGLB1	Lightbar Mounting Bracket for Legacy®, Liberty™ II, Justice® and Freedom® IV Series Lightbars, ARGES with Flat Mount Purchased Separately
ARGLB2	Lightbar Mounting Bracket for Cenator® Series Lightbars, ARGES with Flat Mount Purchased Separately
ARG42D	Ram 1500/2500/3500, 2014-2018 and Ram 1500 (Classic), 2019-2021, Driver Side Fender Mounting
ARG47CD	Ford F-150, 2021-2022, Driver Side Fender Mount
ARG47CP	Ford F-150, 2021-2022, Passenger Side Fender Mount
ARG47D	Ford F-150, 2015-2020, Driver Side Fender Mount
ARG47BD	Ford F-250/F-350/F-450/F-550 Super-Duty, 2019-2022, Driver Side Fender Mount
ARG47BP	Ford F-250/F-350/F-450/F-550 Super-Duty, 2019-2022, Passenger Side Fender Mount
ARG49D	Chevy Silverado 1500, 2019-2022, Driver Side Fender Mounting
ARG49BD	Chevy Silverado 2500/3500, 2020-2022, Driver Side Fender Mounting

# Pioneer Micro™



Features available across product family. May not apply to every model.



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MPPB



MPRW



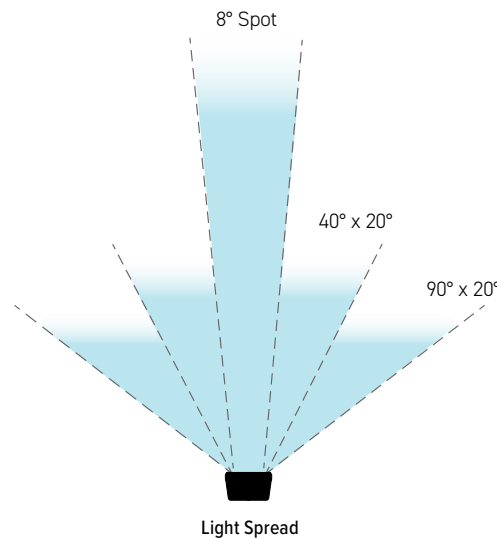
MPPBCS

## FEATURES

- 8° spotlight pattern comes standard. Includes three additional optic lenses for a light pattern choice of:
  - 90° x 20° wide flood
  - 40° x 20° standard flood
  - 40° x 8° narrow flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current

- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- Includes 6' cable
- Five mounts available:
  1. Powder-coated stainless steel bail bracket with 0.38" stud carriage bolt mount
  2. Recessed 90° angle mount with Chrome flange
  3. Recessed 15° angle mount with Chrome flange
  4. Pole/pedestal mount with handle available with or without On/Off switch
  5. Low-profile pedestal mount available with Chrome or Black back cover, with or without On/Off switch

Model	Mount	Housing	VDC	Lumens	Dimensions
MPBW	Bail/Stud	White	12	5,695	4.75" (121mm) W x 4.63" (118mm) H (W/Bracket) x 2.88" (73mm) D
MPBB		Black			
MPPW	Low-Profile Pedestal/Swivel	White			5.06" (129mm) W x 8.69" (220mm) H x 3.75" (82mm) D
MPPWCS		Black			
MPPB					
MPPBBS	Pedestal/Swivel	Black			
MPPBCS					
MPRW	Straight Recessed	White			7.69" (195mm) W x 6.94" (176mm) H x 2.56" (65mm) D
MPRB		Black			
MPR15W	15° Recessed	White			7.69" (195mm) W x 6.94" (176mm) H x 2.56" (65mm) D
MPR15B		Black			
MPR15B					



Light Spread

# Pioneer Nano™



Features available across product family. May not apply to every model.



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NP3BW



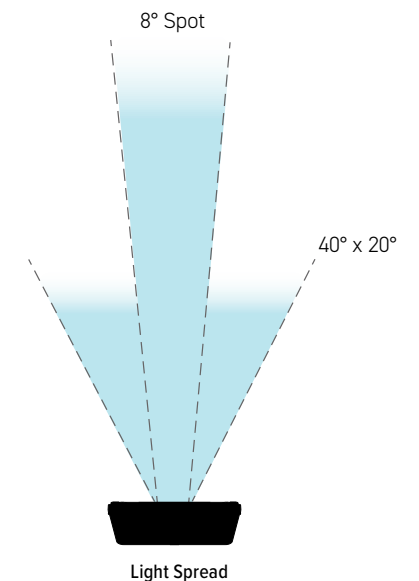
NP6BB

## FEATURES

- 8° spotlight pattern comes standard. Includes additional optic lens for a light pattern of:
  - 40° x 20° flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics

- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- Includes 6' cable
- Powder-coated stainless steel bail bracket with 0.38" stud carriage bolt mount

Model	Mount	Housing	VDC	Lumens	Dimensions
NP3BW	3-LED, with bail	White	12	1,566	3.5" (89mm) W x 2.25" (57mm) H x 1.75" (44mm) D
NP3BB		Black			
NP6BW	6-LED, with bail	White		2,552	3.5" (89mm) W x 3" (76mm) H x 1.75" (44mm) D
NP6BB		Black			



Light Spread



# Pioneer SlimLine™



Features available across product family. May not apply to every model.



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PSL2BB

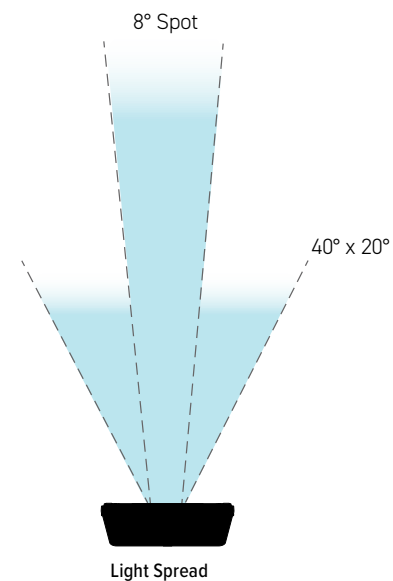


PSL1P

## FEATURES

- Available in single or dual models
- Single Lamp Models: 8° spotlight pattern comes standard. Includes additional 40° x 20° flood lens
- Dual Lamp Models: 8° spotlight pattern comes standard. Includes two additional optic lenses for a light pattern choice of:
  - Dual 40° x 20° flood
  - 8° spot and 40° x 20° flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- Includes 6' cable
- Powder-coated stainless steel bail bracket

Model	Panels	Description	Housing	VDC	Lumens	Dimensions				
PSL1B	Single	Bail/Stud	White	12 VDC	5,103	7.06" (179mm) W x 3.25" (83mm) H x 2.75" (69mm) D				
PSL1BB			Black							
PSL1P		Low-Profile Pedestal/Swivel	White							
PSL1PB			Black							
PSL1R		Semi-Recessed, Chrome Flange	White							
PSL1RB			Black							
PSL1R5		Semi-Recessed 15° Angle Chrome Flange	White							
PSL1R5B			Black							
PSL2B		Dual	Bail/Stud				White	12 VDC	10,206	12.69" (322mm) W x 3.25" (83mm) H x 2.75" (69mm) D
PSL2BB							Black			
PSL2P	Low-Profile Pedestal/Swivel		White							
PSL2PB			Black							
PSL2R	Semi-Recessed, Chrome Flange		White							
PSL2RB			Black							
PSL2R5	Semi-Recessed 15° Angle Chrome Flange		White							
PSL2R5B			Black							



Light Spread

# Pioneer Plus™



Features available across product family. May not apply to every model.



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PCH1



PCH2



PFH2

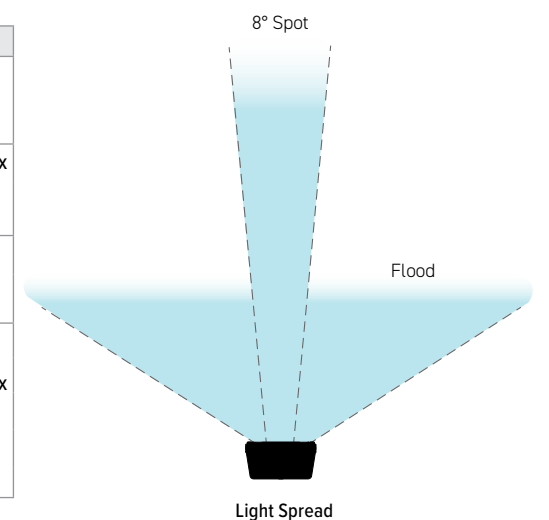


PFH1

## FEATURES

- Available in single and dual models
- Pioneer Plus Combination Floodlight/ Spotlight features Proclera® Optic Technology
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- Powder-coated stainless steel bail bracket
- DC models include 20' cable, AC models include 12" wire leads

Model	Panels	Description	Voltage	Lumens	Dimensions
PFH1	Single	Floodlight	12 VDC	10,130	8.19" (208mm) W x 4.25" (108mm) H x 3" (77mm) D
PCH1		Combination Flood/Spot			
PFH2	Dual	Floodlight	12 VDC	20,261	14.06" (357mm) W x 4.25" (108mm) H x 3" (77mm) D
PCH2		Combination Flood/Spot			
PFH1AC	Single	Floodlight	115 VAC	10,130	8.19" (208mm) W x 4.25" (108mm) H x 3" (77mm) D
PSP1AC		Spot Light, 8°			
PFH2AC	Dual	Floodlight	115 VAC	20,261	14.06" (357mm) W x 4.25" (108mm) H x 3" (77mm) D
PCP2AFS		Combination Flood/Spotlight			
PCP2ASF	Max	Combination Spot/Floodlight	115 VAC	20,261	14.06" (357mm) W x 4.25" (108mm) H x 3" (77mm) D
PCP3		Max Combination Flood And 8° Spotlight			
PCP3A	Max	Max Combination Flood And 8° Spotlight	115 VAC	19,305	14.06" (357mm) W x 4.25" (108mm) H x 3" (77mm) D
PCP3A		Max Combination Flood And 8° Spotlight		19,819	



Light Spread

# Pioneer Plus™ Surface Mount



Features available across product family. May not apply to every model.



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PCPSM1C

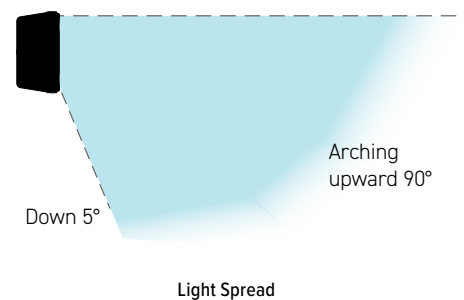


PCPSM2B

## FEATURES

- Available in single and dual models
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- Includes 2' cable
- Surface mount:
  - Requires no body cut-outs
  - Built-in nylon screw grommets eliminate galvanic corrosion
  - Uniquely designed silicone grommet seals the 1" wire entry into the body
  - Available with Chrome or Black flange

Model	Panels	Description	Flange	Voltage	Lumens	Dimensions	
PCPSM1C	Single	Combination Flood/Spot	Chrome	12 VDC	10,444	9" (228mm) W x 6.38" (162mm) H x 1.75" (44mm) D	
PCPSM1B			Black				
PCPSM1AC			Chrome	115 VAC			
PCPSM1AB			Black				
PCPSM2C	Dual		Chrome	12 VDC	20,888		16.25" (412mm) W x 6.38" (162mm) H x 1.75" (44mm) D
PCPSM2B			Black				
PCPSM2AC			Chrome	115 VAC			
PCPSM2AB			Black				



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# Pioneer Summit™



Features available across product family. May not apply to every model.



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S44MAB

## FEATURES

- SAE 578 Color Temperature Certified
- Preconfigured spot, flood, or scene optics
- Available with White illumination, Amber marker, and warning lights
- Warning lights require remote flasher, purchased separately
- Individual control of each set of optics
- Extruded and die-cast aluminum powder coated housing available in Black or White
- Screwless lens retainer design provides a clean finish and the improved ability to adjust optic configuration
- 100% solid-state electronics
- Rear mounting track for flexible mounting configurations, bail bracket mount standard
- Includes 2' cable, connector, and heat shrink tubing

Model	Illumination	Warning	VDC	Height x Depth	Length
S86MB	Scene/Flood	N/A	12	2.48" (63mm) H x 2.15" (55mm) D	86" (218cm)
S86MAB		4 Amber			
S86MRB		N/A			
S72MB		4 Amber			
S72MAB		N/A			
S58MB		4 Amber			
S58MAB		N/A			
S44MB		2 Amber			
S44MAB		N/A			
S30MB		2 Amber			
S30MAB		N/A			
S161MB		Flood			N/A
S162MB	Spot				
S091MB	Flood				
S092MB	Spot				



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# Scene Lights



Features available across product family. May not apply to every model.



## FEATURES

- Instant on with no warm-up time
- Visit [www.whelen.com](http://www.whelen.com) for a full list of available mounting hardware

Model	Optics	Technology	Mount	Color	Amps	VDC	Cable	Dimensions		
65COENZR	600 Series	Super-LED®	Surface	White	1.5	12	6" Pigtail	6.50" (165mm) W x 4.13" (105mm) H x 1.75" (44mm) D		
60COELZR			Recess					7.25" (184mm) W x 3.06" (78mm) H x 1.75" (44mm) D		
75COENZR	700 Series		Surface		2.0			6" Pigtail	9.13" (232mm) W x 7.13" (181mm) H x 1.75" (44mm) D	
70COELZR			Recess						10.82" (275mm) W x 8" (203mm) H x 2.63" (67mm) D	
95COENZR	900 Series		Surface, Includes Chrome Flange		6.0				12" Pigtail	6.75" (170mm) W x 4.31" (109mm) H x 1.38" (35mm) D
904SLC	900 EZ Scene Light™		Surface, Includes Black Flange		8.2					7.63" (194mm) W x 3.38" (86mm) H x 1.38" (35mm) D
904SLB			Surface, Includes Chrome Flange		6		6" Pigtail		10.38" (263mm) W x 6.50" (165mm) H x 1.38" (35mm) D	
M6ZC	M6 Series		Surface		2.0				6" Pigtail	10.35" (263mm) W x 6.28" (160mm) H x 2.39" (61mm) D
M7ZC	M7 Series		Surface		2.25/ Peak, 0.9/Avg		12" Pigtail			
M9LZC	M9 Series		Surface, Includes Chrome Flange		6					
M92SLC	M9 EZ Scene Light™		Surface, Includes Black Flange		9					
M92SLB			Surface, Includes Chrome Flange							

# Perimeter Enhancement Light



Features available across product family. May not apply to every model.



## FEATURES

- Available in one-color or two-color
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Same mounting dimensions as original PEL models
- Light is projected downward at a 40° angle for widespread ground illumination
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Whelen's patented E Block™ technology prevents moisture from entering the lighthouse
- Mounts to vertical surfaces and may be mounted inverted
- Molded rubber gaskets protect body panels
- 5-year warranty

Model	Technology	Color	Flange Color	Amps	VDC	Patterns	Cable	Dimensions
PEL2C	Super-LED®	White	Chrome	.65 Amps at 12 VDC	12/24	Flash patterns require Core or Flasher (Purchased Separately)	6" Pigtail	7.90" (201mm) W x 2.69" (69mm) H x 2.00" (51mm) D
PEL2B			Black					
PEL2W			White					
PEL2R			Red					
PEL2Y			Yellow					
PEL2C*			Chrome					
PEL2B*		Black	Amber					
PEL2W*		White						
PEL2R*		Red						
PEL2Y*		Yellow						
PEL2C#		Chrome		Two-Color Amber/White, Amber/Blue				
PEL2B#		Black						
PEL2W#	White							
PEL2R#	Red							
PEL2Y#	Yellow							



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

# Interior Lighting



Features available across product family. May not apply to every model.



Model	Optics	Technology	Mount	Amps	VDC	Cable	Dimensions
86CE1	Rectangular Interior Dome	Super-LED®	Requires Cut-Out, Includes Flange	2.0/High, 0.20/Low	12	6" Pigtail	8.19" (208mm) W x 6.44" (163mm) H x 1.25" (32mm) D
TOCACCCR	2" Round Compartment	5mm LED	Surface	0.03			2" (51mm) Dia.
20C0CDCR	2G Series (4" Round) Compartment	Super-LED 12 Diodes	Surface Mount Requires Optional Mounting	0.36			4" (102mm) Dia.
20C0CDCD							
5GC0CCCR	5G Series Compartment	Super-LED	Includes Black Grommet, Requires Optional Mounting	0.53		6" Pigtail	7.44" (189mm) W x 3.19" (81mm) H x 1.50" (38mm) D
PSCOMPL	Strip-Lite™ Plus Compartment	6 Diodes LED		0.24			1" (25mm) H x 11.50" (292mm) W x 1.38" (35mm) D
PSCOMPH		12 Diodes LED		0.48			
F09PC	Fluorent Plus™ Compartment Tube Lighting	Super-LED	Surface	0.06			9" (228mm) W x .63" (16mm) H
F18PC				0.13			18" (457mm) W x .63" (16mm) H
F27PC				0.16			27" (686mm) W x .63" (16mm) H
F36PC				0.18			36" (914mm) W x .63" (16mm) H
F45PC				0.24			45" (114cm) W x .63" (16mm) H
F54PC				0.32	54" (137cm) W x .63" (16mm) H		
F63PC				0.42	63" (160cm) W x .63" (16mm) H		

Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

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# Interior Lighting



Features available across product family. May not apply to every model.



## FEATURES

• Visit [www.whelen.com](http://www.whelen.com) for a full list of available mounting hardware

Model	Optics	Technology	Mount	Housing	Switch	Amps	VDC	Cable	Dimensions	
3SC0CDCR	3" Round LED	Compartment White	Surface	Rubber Gasket Housing	-	0.38	12	6" Pigtail	3" (76mm) Dia.	
3SR0CDRR		Nighttime Illumination, Red				0.30				
3SBCCDCR		Compartment Split Blue/White				0.31				
3SRCCDCR		Compartment Split Red/White								
60C0EHCR	6" Round Super-LED®	Compartment 18 Diodes, White	Surface	-	-	1.2/High, 0.13/Low				
60C0EJCS		Compartment 6 Diodes, White				On/Off		0.70/High		
60CBEGCS		Compartment 6 Blue Diodes & 6 White Diodes				Dual Switches For On/Off Color And On/ Off And White		0.70/White 0.50/Blue		
60CREGCS		Compartment 6 Red Diodes & 6 White Diodes				0.70/White 0.50/Red				
70CREGCS	700 Series	Compartment 30 Red Diodes & 30 White Diodes	Surface	-	-	0.35/White 0.50/Red 2mA/ Switch		12	6" Pigtail	7.25" (184mm) W x 3.07" (78mm) H x 1.25" (31mm) D
80C0EHCR	8" Round Super-LED Ambulance Light	18 Diodes, White				Recessed				
80C00EZR		18 Diodes, White	Recessed	White Flange						
8WC00EZR		6 White Diodes, 3 Blue Diodes	Recessed	Chrome Flange	1.5/White, 0.50/Color					
80CBEHCR										
80CREHCR	6 White Diodes, 3 Red Diodes	Recessed	Chrome Flange	1.5/White, 0.50/Color						



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# Illumination & Marker or Clearance Lights



Features available across product family. May not apply to every model.



OSA00MCR



OSR00MCR



TOA00MAR



TOR00MRR

## FEATURES

- OS™ Series includes Chrome housing; 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 2.50" adapter for customer supplied 2.50" grommet, plus a 3" and 3.50" flange mount

Model	Technology	Application	Mount	LED Color	Lens	Housing	Amps	VDC	Patterns	Compliance	Dimensions
OSA00MCR	LED	Marker Or Clearance	Surface	Amber	Clear	Chrome	0.3	12	Steady	FMVSS108	1.50" (38mm) W x 1" (25mm) H x 0.5" (13mm) D
OSR00MCR				Red							
TOA00MAR			Grommet	Amber	Amber	-	0.8/Max, 0.5/Avg				
TOR00MRR				Red	Red						



\* Replace symbol in model number with letter indicating desired color: A=Amber, R=Red  
Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

# PAR Replacement Lamps



Features available across product family. May not apply to every model.



P46FLC



P46WLC



P46SLC



P36SLC

## FEATURES

- Handheld units includes 90lb pull magnet mount
- Available with Clear or Smoked lenses
- Visit [www.whelen.com](http://www.whelen.com) for a full list of available mounting hardware

Model	Optics	Technology	Application	Mount	Color	Lens	Housing	Amps	VDC	Patterns	Dimensions
P46SLC	PAR-46	Super-LED®	2° Spotlight	Drop-In Replacement For Outdated Halogen Spotlight Lamps	White	Clear	Black Powder Coated Die-Cast Aluminum Heatsink	2.3	12	Steady	5.63" (144mm) Dia x 2.69" (69mm) D
P46FLC			8° Spotlight					1.9			5.63" (144mm) Dia x 1.81" (46mm) D
P46WLC			20° x 60° Floodlight					0.85			4.50" (111mm) Dia. x 2" (51mm) D
P36SLC	PAR-36		2° Spotlight				0.425	24			



Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

# PAR-36



Features available across product family. May not apply to every model.



PFBS12



PFB12C

## FEATURES

- Floodlight or spotlight models
- Black die-cast aluminum housing
- Indexing locking lever on pedestal swivel
- Super-LED® with low current draw
- Stainless steel bracket and hardware included
- Two intensities available

Model	Diodes	Optics	Housing	Mount	VDC	Dimensions	
PFBP12	12	Floodlight	Black	Pedestal	12	5" (128mm) W x 6.38" (162mm) H x 3" (76mm) D	
PFBP12C			Black with Chrome Rear Cover				
PFBP6	Black						
PFBP6C	Black with Chrome Rear Cover						
PFBS12	Black						
PFBS12C	Black with Chrome Rear Cover						
PFBS6	6	Spotlight	Black	Stud			
PFBS6C			Black with Chrome Rear Cover				
PFBS6S	Black with Switch						
PFBS12S	Black with Switch						
PSBP12	12		Spotlight	Black			Pedestal
PSBP12C				Black with Chrome Rear Cover			
PSBP6	Black						
PSBP6C	Black with Chrome Rear Cover						
PSBS12	12	Spotlight		Black	Stud		
PSBS12C				Black with Chrome Rear Cover			
PSBS6	Black						
PSBS6C	Black with Chrome Rear Cover						
PSBS6S	Black with Switch						
PSBS12S	12		Black with Switch				

Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

# Handheld Spot/Floodlights



Features available across product family. May not apply to every model.



P36HHS

P46HHS

## FEATURES

- 90lb. pull magnet mount with 8' coiled cord and cigar plug
- Built-in push-button On/Off switch

Model	Description	VDC	Dimensions
P36HHS	PAR-36, Super-LED® Handheld Combination Spotlight/Floodlight	12/24	9.41" (239mm) H x 3.45" (88mm) D x 4.82" (123mm) Dia.
P46HHS	PAR-46, Super-LED Handheld Spotlight	12	10.5" (270mm) H x 3.75" (94mm) D x 6" (152mm) Dia

Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

# Rubber Housing Spot/Floodlights



Features available across product family. May not apply to every model.



P36SLCHG

P46SLCHG

## FEATURES

- Rubber stud/swivel housing
- Available with or without lighthead
- Hard-coated lenses

Model	Description	VDC	Dimensions
P36SLCHG	PAR-36, Combination Spotlight/Floodlight	12/24	3.75" (94mm) D x 4.82" (123mm) Dia
P46SLCHG	PAR-46, Spotlight	12	3.69" (94mm) D x 6.09" (155mm) Dia

Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).



# CONTROLS & FLASHERS



## Power Control Centers



Features available across product family. May not apply to every model.



### FEATURES

- Backlit function windows
- Handheld or mounted to the dash or console
- Includes LED "On" indicator
- Visit [www.whelen.com](http://www.whelen.com) for a full list of available switch panel models

Model	Type and Usage	Switches	Switch Type	Installation	VDC	Dimensions	
PCCS9RW	High Current Center For Lightbars/Lighting Systems Without Need For Separately Mounted Relays Or Relay Boxes	6 Push-Buttons And One 4-Position Dip Switch	6 On/Off, Momentary 20 Amp Relays	11 Fast-on Outputs, 4 pos AMP Mate-N-Lok® -For Control, 2-Position Molex Mini Fit SR® - For Power	12	6" (152mm) W x 1.63" (40mm) H x 6.25" (159mm) D	
PCCS9LW	Economical Control Center For Use With Freedom®, & Liberty™ II Lightbars	Programmable Slide Switch	6 On/Off, 1 Programmable On/Off Switch	One 9-Position and 5 Conductor AMP Mate-N-Lok Connector, to Match Lightbar Cables		6" (152mm) W x 1.63" (40mm) H x 4" (102mm) D	
PCC4W	SPST, Lighted Switches	4	25 amp	5 Wires Power Input, 5 Wires Output		3.25" (83mm) W x 2.25" (57mm) H x 4" (102mm) D	
PCC6W		6	(6) 25 Amp	8-Position Rear Connector Block		6.63" (168mm) W x 2.25" (57mm) H x 3.63" (92mm) D	
PCC6W1			(5) 25 Amp, 1 Momentary				
PCC10W			20 Amp				
PCC10W1	10	(9) 20 Amp, 1 Momentary					
PCC8R	8-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			7.25" (184mm) W x Relay Box: 1.25" (32mm) H x 4.75" (121mm) D Control Head Same as WCC9
WCC9	Electronic Control for Freedom and Justice® WeCan® Lightbars	6 Push-Buttons And One 4-Position Dip Switch	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			4.19" (106mm) W x 2.50" (64mm) H x 0.88" (22mm) D
WCC92	Electronic Control for Liberty II and Legacy® WeCan Lightbars	Programmable Slide Switch For 10 Primary Functions					

# Flashers



Features available across product family. May not apply to every model.



UFM8



ULF44



UHF2150A

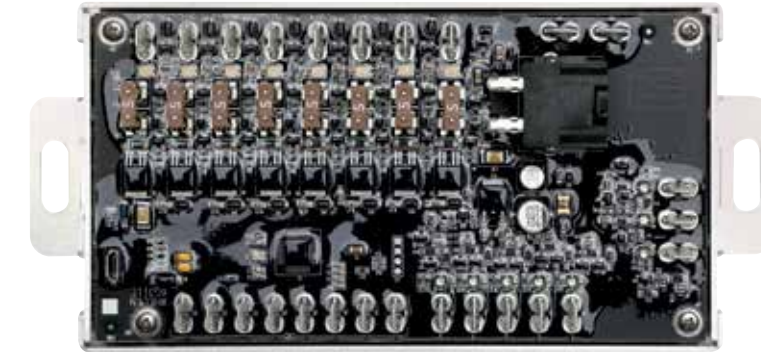


SSFPOS

Model	Usage	Solid-State	Outlets	Switching	Amps	VDC	Patterns	Dimensions
SSFPOS	Positive Switching Headlights	100%	2 Outlets	1x1	12.5 Per outlet	12	7	2" (50mm) W x 0.88" (22mm) H x 2.75" (70mm) D
UHF2150A	Positive Or Negative Switching Headlights	Controlled Relay Output					4	4.25" (108mm) W x 1.50" (38mm) H x 3" (76mm) D
ULF44	LED Lighthouse		4 Outlets 4 Channels	2x2	5 Per Outlet		62 Alternating and Simultaneous	2.75" (70mm) W x 0.75" (26mm) H x 3.50" (89mm) D
UFM8	Halogen/LED Lighthouse		4 Outlets	2x2x2x2	17		2.75" (70mm) W x 0.75" (26mm) H x 3.50" (89mm) D	

Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

# SmartLogic™ Programmable Flasher



SLFLASH

## FEATURES

- Software is configurable via USB port
- Outputs are internally protected and fused
- 8 Inputs: 5 activating inputs, 3 non-activating for low power, photocell and brake/tail/turn cutoff
- Default flash pattern
- Day and night mode truck setups

Model	Usage	Solid-State	Outlets	Switching	Amps	VDC	Patterns	Dimensions
SLFLASH	Auxiliary LED Lighthoods	100%	8	Programmable	5 Per Outlet	12	64	6.38" (162mm) W x 3.38" (86mm) H x 3.38" (86mm) D

Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).



# CORE® System Components



CCP9



CV2V



C399R

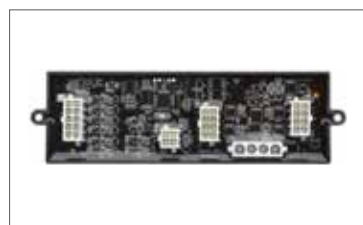
## FEATURES

- Seamlessly integrates with Whelen Command® software
- Supports firmware updates through USB-C with Whelen Command
- Remote Expansion Modules are available to integrate technologies like V2V Sync and DVI™ light patterns with peripheral lighting

Model	Description
CCP9	Core-C™ System, 4-Position Slide Switch and 6 Push-Buttons. One 5-Amp Output For Auxiliary Lighting. LED TA Indicator, 10-30 VDC and V2V Sync Capable
CCTL8	Includes 6 Push-Buttons and a 4-Position Slide Switch, Includes Microphone
CV2V	WeCanX® Vehicle-to-Vehicle Synchronization Module (Includes Internal Antenna)
CEM8	8 Output, 4 Input WeCanX Expansion Module
CEM16	16 Output, 4 Input WeCanX Expansion Module
CEM4HC	WeCanX High Current Remote Expansion Module, 4-15 Amp Output
C399R	Core-R™ Control System

Consult current price list for full list of available options at [whelen.com/literature](http://whelen.com/literature).

## OPTION



CEM16

# Lighting Compliance

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

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

### Warning lamps and devices:

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

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

**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:

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

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

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

### Signalling and marking lighting devices and systems:

**FMVSS108** - Federal Motor Vehicle Safety Standards

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

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

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

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

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

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

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

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

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

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

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

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

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

**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)

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

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

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

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# CenCom Core® + WeCanX® Devices Working Together To Keep Everyone Safe

Core-R™ is a vehicle control system engineered to enhance first responder and motorist safety with complete configurability, advanced automation, and remote connectivity.



- Seamlessly integrates with the Whelen Command® software
- Vehicle-to-Vehicle Sync and DVI™ patterns better convey visual information to approaching motorists
- Small footprint: 5.76" H x 5.46" W x 1.11" D
- Simple install: Two screws, top access connectors
- Modular design mounts in many different places
- Supports remote firmware updates through USB-C with Whelen Command or over-the-air with The Whelen Cloud Platform®
- Command can process over 65,000 virtual inputs
- High Current Remote Expansion Module integrates scene lights into WeCanX® system control
  - Operates high-current lightheads such as scene lights, eight 75-Watt or four 150-Watt Pioneer™ lightheads
  - 4 outputs at 15-Amps each
- Meets all applicable SAE and California Title XIII requirements with various Whelen speakers





# AMBER

## PROFESSIONAL WARNING & LIGHTING

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**A comprehensive guide to Whelen's lighting and warning products.**

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