AMBER

PROFESSIONAL WARNING AND LIGHTING

Whelen
Engineering

whelen.com

Table of Contents

About Whelen

Whelen revolutionized emergency warning technology with the invention of the first rotating "anti-collision" beacon in 1952. Today, Whelen continues to push the boundaries of innovation with reliable and powerful lights, sirens, control systems, and software.

Whelen encompasses two state-of-the-art facilities in Connecticut and New Hampshire, with over 750,000 square feet of engineering and manufacturing space. Whelen's 1,200 employees are committed to creating products that enhance first responder and civilian safety the way only Whelen can.

With quality as our foundation, we celebrate innovative engineering in every product we produce.

Chester, Connecticut, facility

Charlestown, New Hampshire, facility

Visit us at
whelen.com
to learn about our full line of emergency lighting and warning products

WhelenEng

Icon Legend

Icon	Label
12	12 Volt
24	24 Volt
10-30	10-30 Volts
120	120 AC
IP67	IP67 Rated
UL	AC Models UL Approved
CRUISE	Cruise
HARD COAT	Hard-coated
LC	Low Current Switching
SC	Standard Current
SYNC	Sync
WeCan®	WeCan® Compatible
1YR	1 Year Warranty
2YR	2 Year Warranty
5YR	5 Year Warranty
SCAN LOCK™	Scan-Lock™
DIAG	Real Time Diagnostics
SAE CLASS 1	SAE Class 1
SAE CLASS 2	SAE Class 2
SAE CLASS 3	SAE Class 3
TITLE 13*	CA Title 13 Available
R65 CLASS 1	R65 Class 1
R65 CLASS 2	R65 Class 2
R65 CLASS 3	R65 Class 3

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

Tech Glossary

Super-LED®
Whelen's innovative LED technology

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

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

BroadBand Blue™
BroadBand Blue delivers a higher intensity, creates a larger optical image, and produces a more consistent color, all while being easier on the eyes - especially at night.

SOLO™
Single color

DUO™
Two color interleaved

DUO+™
Two color interleaved with independent control of color one and color two

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

DYAD™
Two level technology

Encapsulated
Lightheads 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.

Low Current
Low current function wires require less than ¼ an 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 full-fill 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.

Split
Two color lighthead 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.

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

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®
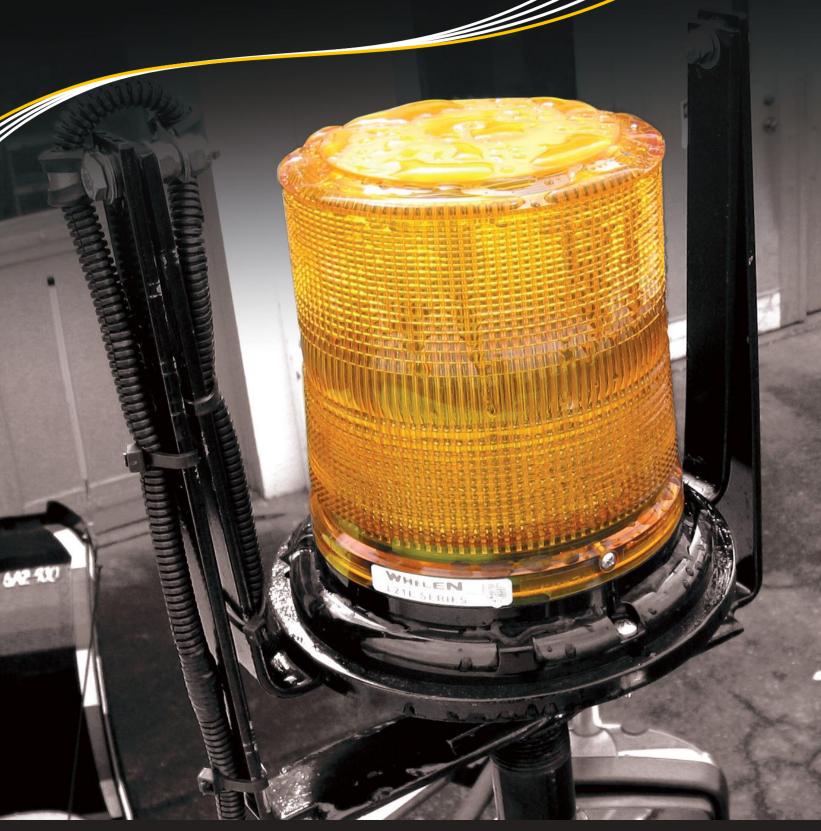Whelen's proprietary CAN based communication system

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

W Beacons

R316 & R416 Series

5YR · **12** · **SYNC** · **SCAN LOCK™** · **CRUISE** · **HARD COAT** · **SAE CLASS 1** · **ROTA BEAM**

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

R316

R416

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 cast aluminum base
- Conformal coated electronics for moisture and vibration resistance
- Available in permanent, magnetic and magnetic/suction mount models

MODELS

Model	Mount	Profile	LED Color	Dome	Amps	VDC	Patterns	Certs	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 7-3/16" (183mm) Dia.
R316*M	Magnetic								
R316*V	Magnetic/suction								
R316**F	Permanent		Split color front/rear Amber/White or Amber/Blue	Clear					
R316**M	Magnetic								
R316**V	Magnetic/suction								
R416*F	Permanent	High	Single Amber or White	Color					4-7/8" (123mm) H x 6-7/16" (163mm) Dia.
R416*M	Magnetic								
R416*V	Magnetic/suction								
R416**F	Permanent		Split color front/rear Amber/White or Amber/Blue	Clear					
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.

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

L40BG Branch Guard

MIRROR20 Mirror Mount Bracket

BBKT30 Shelf Mount Bracket

L360BGB Branch Guard

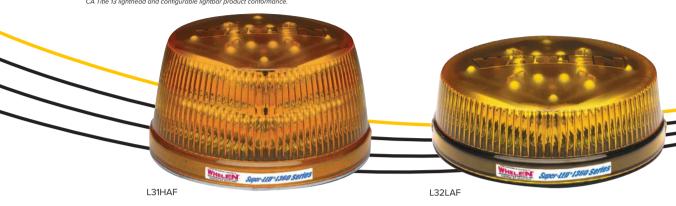L360PMKT Pipe Mount Kit

MIRROR20 Mirror Mount Bracket

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

L31 & L32 Series

5YR | **12** | **24** | **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.

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 (Cross-Link™) with up to 8 Whelen Super-LED 360° beacons (perm mount)
- Smooth polycarbonate outer dome

MODELS

Model	Mount	Profile	Color	Amps	VDC	Patterns	Control	Compliance	Dimensions
L31H*F	Permanent	High	Amber or White	5.0/peak 2.0/avg	12	Permanent mount 30 built-in Scan-Lock™ flash patterns plus 4 simulated rotating patterns Magnetic mount 75 SignalAlert™ only	Hi/Low control	SAE Class 1	4" (102mm) H x 7.188" (182mm) Dia.
L31H*M	Magnetic						-		
L31H*V	Magnetic/suction								
L31HAF4	Permanent		Amber		24		Hi/Low control	T13	
L31HAFCA	Permanent								
L31HAMCA	Magnetic				12		-		
L31HAVCA	Magnetic/suction								
L31HMF	Permanent		Amber/Blue						
L32L*F	Permanent	Low	Amber or White	2.5/peak 1.0/avg	24		Hi/Low control	SAE Class 1	2.625" (67mm) H x 7.188" (182mm) Dia.
L32L*M	Magnetic						-		
L32L*V	Magnetic/suction								
L32LAF4	Permanent		Amber				Hi/Low control		

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

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OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

BBKT30 Shelf Mount Bracket

L360BGB Branch Guard

L360PMKT Pipe Mount Kit

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L41 Series

5YR | 10-30 | SYNC | SCAN LOCK™ | HARD COAT | SAE CLASS 1

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

MODELS

Model	Mount	Color	Amps	Patterns	Control	Compliance	Dimensions
L41*P	Permanent	Amber or White	1.5/peak 0.6/avg @ 12VDC	75 SignalAlert™ default, 25 selectable patterns total, including steady-burn	Photocell Hi/Low on permanent mount only, contact factory	SAE Class 1	4.75" (121mm) H x 6.438" (164mm) Dia.
L41*M	Magnetic						
L41*V	Magnetic/suction		.75/peak 0.3/ avg @ 24VDC				

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

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OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

L40BG Branch Guard

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L10 Series

5YR ⚡12 ⚡24 SYNC SCAN-LOCK™ HARD COAT SAE CLASS 2 ▮SOLO™ ▮DUO™

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

MODELS

Model	Mount	Profile	Color	Amps	VDC	Patterns	Compliance	Dimensions
L10H#P	Permanent/ pipe/hook	High	DUO™ Amber/White, or Amber/Blue	1.0/peak 0.4/avg	12	24 Scan-Lock™ flash patterns	SAE Class 2	6.4" (163mm) H x 6.3" (161mm) Dia.
L10L#P		Low						4.9" (125mm) H x 6.3" (161mm) Dia.
L10H*P		High	Amber or White			75 SignalAlert™ default pattern		6.4" (163mm) H x 6.3" (161mm) Dia.
L10HAP4			Amber		24			
L10HAM	Magnetic							
L10HAV	Magnetic/suction				12			
L10L*P	Permanent/ pipe/hook	Low	Amber or White			18 flash patterns available		4.9" (125mm) H x 6.3" (161mm) Dia.
L10LAP4			Amber		24			
L10LAM	Magnetic							
L10LAV	Magnetic/suction				12			
DH2000*	Replacment high dome							
DL2000*	Replacment low dome							

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* 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

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.

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

MIRROR20 Mirror Mount Bracket

BBKT20 Shelf Mount Bracket

BGH Branch Guard High

BGL Branch Guard Low

DH2000A Fresnal Dome High

DL2000A Fresnal Dome Low

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L21 Series

5YR | **12** | **24** | **SYNC** | **SCAN LOCK™** | **HARD COAT** | **SAE CLASS 1** | **ISOLO**

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

L21LAM

L21HAP

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

MODELS

Model	Mount	Dome	Color	Amps	VDC	Control	Compliance	Dimensions
L21H*P	Perm/Pipe/"J" Hook	High	Amber or White	1.5 amp (peak), 0.6 amp (average) Magnetic/suction mount models: 0.65 (peak), 0.26 (average)	12	Photocell Hi/Low on permanent mount only, contact factory	SAE Class 1	6.813" (172mm) H x 6.438"(163mm) Dia.
L21H*M	Magnetic							
L21H*V	Magnetic/suction							
L21H*P4	Perm/Pipe/"J" Hook				24			
L21L*P	Perm/Pipe/"J" Hook	Low			12			5.313" (134mm) H x 6.438" (163mm) Dia.
L21L*M	Magnetic							
L21L*V	Magnetic/suction							
L21L*P4	Perm/Pipe/"J" Hook				24			
DH2000*	Replacment high dome							
DL2000*	Replacment low dome							

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

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OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

MIRROR20 Mirror Mount Bracket

BBKT20 Shelf Mount Bracket

BGH Branch Guard High

BGL Branch Guard Low

DH2000A Fresnal Dome High

DL2000A Fresnal Dome Low

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L50 Series

5YR | **12** | **SYNC** | **SCAN LOCK** | **HARD COAT** | **SAE CLASS 1** | **SAE CLASS 3**

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

L51AM

L51AP
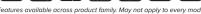
FEATURES

- Super-LED® beacon
- Twist-off polycarbonate dome
- Available in permanent and magnetic mount

- Virtually no RFI/EMI radiation
- Polycarbonate base

MODELS

Model	Mount	Colors	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	-	SAE Class 3	
L53AM	Magnetic				SignalAlert™ only			

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* 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.
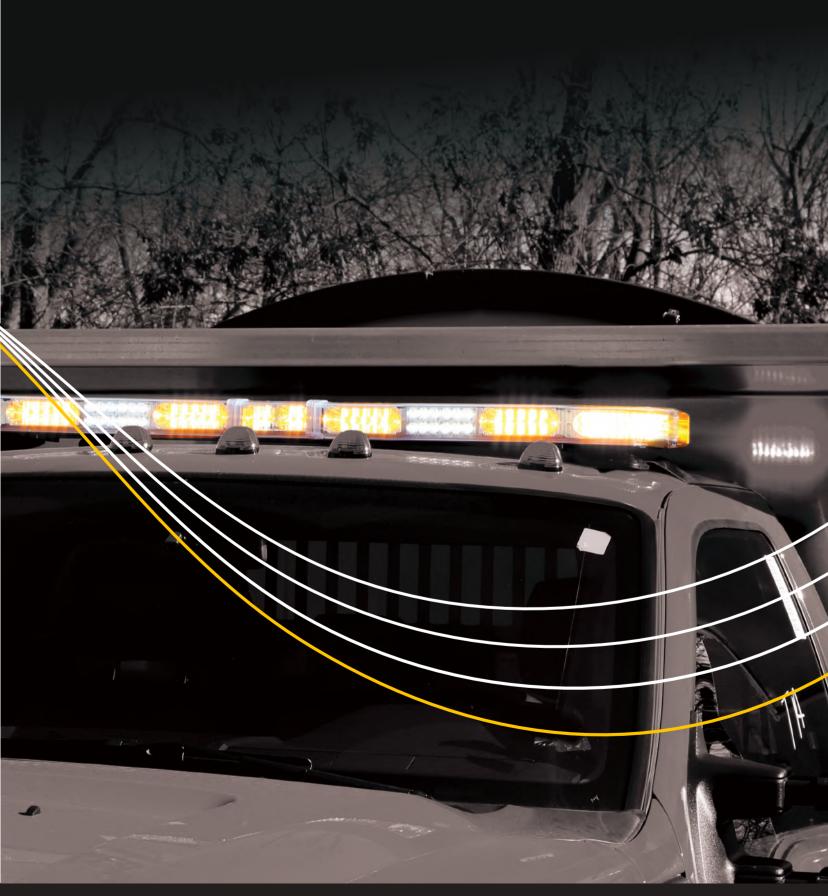
OPTION - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

MIRROR15 Mirror Mount Bracket

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

W Lightbars

Cenator® Series

Download WeCad™ for full list of available options
whelen.com/eng_apps

CX2AAAA with directional modules

FEATURES

- Lighthead modules mount in any position
- Extruded aluminum platform
- Advanced Thermal Design improves LED performance during extended operation
- Optional Red, Blue, or Amber internal filters

- Clear outer domes with optional color tops. Smoked lenses are also available
- Brake/Tail/Turn option available
- See page 83 for switching options

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

CDC* (1) CON3™ Module

CDL* (1) LIN6™ module
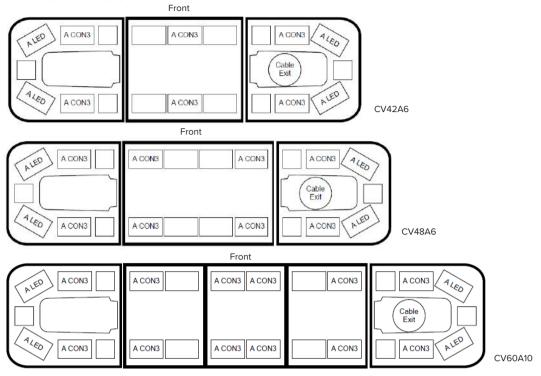
CTDA (2) Take-downs, work lights, or alley lights

Colored domes

PRE-CONFIGURED LIGHTBARS

Front

CV42A6

Front

CV48A6

Front

CV60A10

MODELS

Models	Design	Lightheads	Technology	Colors	VDC	Height & Width	Compliance	Length
CV42A6	Pre-Configured (see diagrams)	CON3™		SOLO™ Amber				42" (107cm)
CV48A6								48" (122cm)
CV60A10								54" (137cm)
CV4****	Configurable	LIN6™	Standard Current	SOLO Amber or White	12	2.5" (6.4cm) H x 12.1" (30.7cm) W	SAE Class 1 R65 Class 1	42" (107cm)
CV8****								48" (122cm)
CV2****								54" (137cm)
CX4****		LIN6+™						42" (107cm)
CX8****								48" (122cm)
CX2****								54" (137cm)
CY4****		LIN6						42" (107cm)
CY8****								48" (122cm)
CY2****								54" (137cm)
CP4****		LIN6+						42" (107cm)
CP8****								48" (122cm)
CP2****			WeCan™					54" (137cm)
CB4####		LIN6		DUO™ Blue, Amber, and/or White				42" (107cm)
CB8####								48" (122cm)
CB2####								54" (137cm)
CJ4####		LIN6+						42" (107cm)
CJ8####								48" (122cm)
CJ2####								54" (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

Freedom® IV
DYAD™ Series

5YR ⚡12 LC SC WeCan® SCAN LOCK™ 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
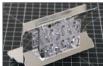whelen.com/eng_apps

F4W4AAAA 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 83 for switching options

MODELS

Model	Technology	Modules	Colors	VDC	Compliance	Height & Width	Length
F4X4****	Low Current	4 Single color	Blue, Amber or White	12	SAE Class 1	30.75" (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				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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF 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

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Legacy® Series

[5YR] [12] [DIAG] [WeCan®] [CRUISE] [HARD COAT] [R65 CLASS 1] [SAE CLASS 1] SOLO™ DUO+™

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

Download WeCad™ for full list of available options
whelen.com/eng_apps

GB2AAAA with directional modules

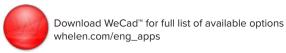## FEATURES

- 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 83 for switching options

MODELS

Model	Technology	Colors	VDC	Compliance	Height & Width	Length
GS4****	SOLO™	Blue, Amber or White				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	1.625" (41mm) H x 11.313" (287mm) D	43.25" (110cm)
GB4####						
GB8****						48" (123cm)
GB8####						
GB2****						53.75" (137cm)
GB2####						

* 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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

GBA (2) Alley lights

GBTS (2) Short 3-LED take-downs

GBTL (2) Long 6-LED take-downs

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Liberty™ II Series

5YR | **12** | **LC** | **SC** | **WeCan** | **CRUISE** | **HARD COAT** | **SAE CLASS 1** | **PROCLERA** SILICONE OPTICS | **SOLO**™ | **DUO+**™

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

Download WeCad™ for full list of available options
whelen.com/eng_apps

IW2AAAA 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, Smoked, or color lenses
- Brake/Tail/Turn option available
- See page 83 for switching options

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

IWDL* (1) Long
6-LED lighthead

IWDS* (1) Short
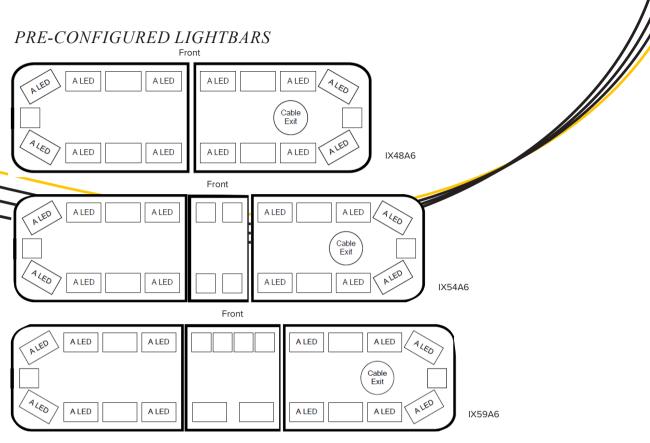3-LED lighthead

ITL12 (2) Long 12-
LED take-downs

ITS3 (2) Short 3-LED
take-downs

IA3 (2) 3-LED
Alley lights

Color filters, corner,
lomgs and short

PRE-CONFIGURED LIGHTBARS

Front

IX48A6

Front

IX54A6

Front

IX59A6

MODELS

Model	Design	Technology	Colors	VDC	Compliance	Height & Width	Length
IX48A6	Pre-Configured (see diagrams)	SOLO™	Amber	12	SAE Class 1	2.5" (64mm) H x 11.313" (287mm) D	44" (110cm)
IX54A6							48" (123cm)
IX59A6							54" (136cm)
IX4****			Blue, Amber or White				44" (110cm)
IX8****							48" (123cm)
IX2****							54" (136cm)
IW4****	Configurable	WeCan®					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

Justice® Series

5YR **12** **HARD COAT** **SC** **SAE CLASS 1** **I SOLO™**

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

Download WeCad™ for full list of available options
whelen.com/eng_apps

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 83 for switching options

MODELS

Model	Design	Ligtheads	Colors	VDC	Compliance	Height & Width	Length
JE8AMB	Pre-Configured (see diagrams)	Four Corner Linear-LED® modules and Eight CON3s™	Amber	12	SAE Class 1	2.25 (57mm) H x 12" (304mm) D	50.125" (127cm)
JE2AMB							56.25" (143cm)
JC4****	Configurable	Four Corner Linear-LED modules	Blue, Amber and/or White				44" (112cm)
JC8****							50.125" (127cm)
JC2****							56.25" (143cm)
JE4****							44" (112cm)
JE8****							50.125" (127cm)
JE2****							56.25" (143cm)

● ● ○

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

JDC* (1) CON3™ module with spreader optics

JDL* (1) Full LIN6™

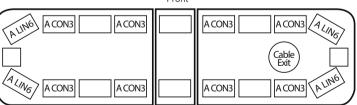

JALF1 (2) LR11 alley lights

JWLLED2 (2) Work lights

JATLS1 (2) LR11 take-down lights

PRE-CONFIGURED LIGHTBARS

Front

JE8AMB

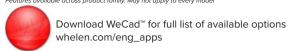Front

JE2AMB

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Towman's™ Series

5YR | **12** | **HARD COAT** | **SAE CLASS 1**

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

Download WeCad™ for full list of available options
whelen.com/eng_apps

Liberty II / IW0BAAAA
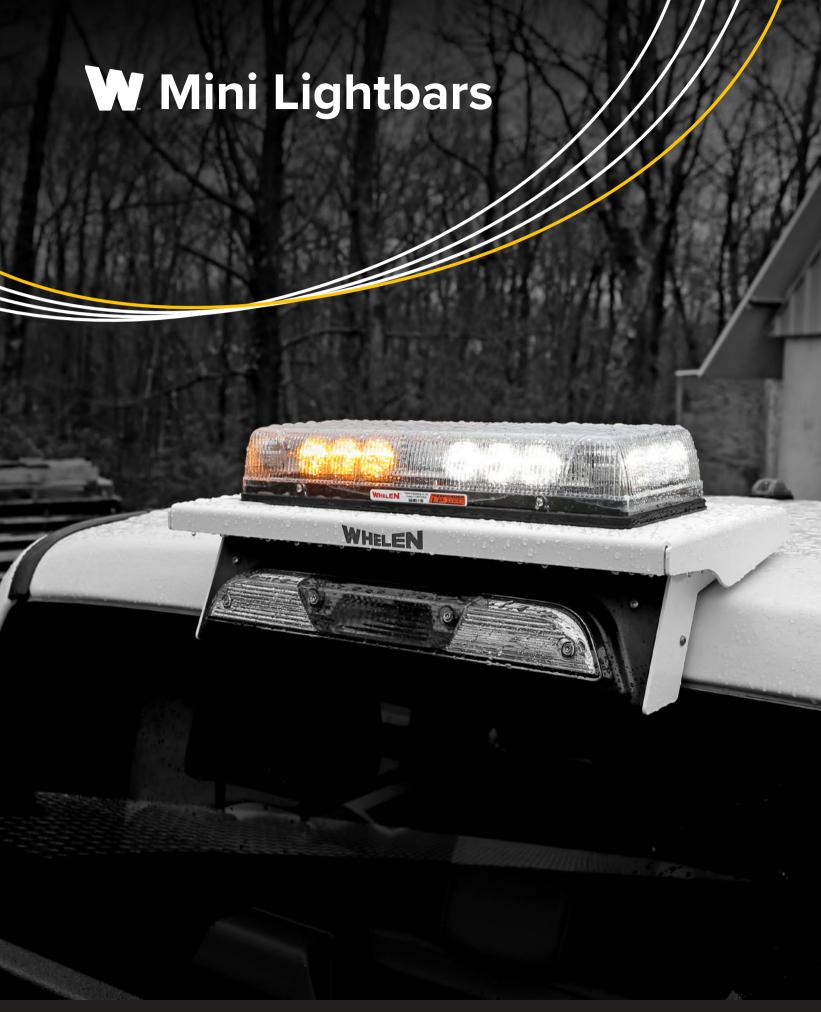
Century / CW0BAAA

Freedom IV / F40BAAAA

Justice / JF0BAAAA

FEATURES

- Newly designed Freedom® IV platform now available
- Brake/Tail/Turn standard
- See page 83 for switching options

MODELS

Model	Series	Lighting	Inboard Warning Lights	Patterns	Base	VDC	Lenses	Compliance	Dimensions
IW0BAAAA	Liberty™ II	4 Linear-LED® corners 2 Super-LED® work lights, 2 LED brake/tail/turn lights	2/Front, 4/Rear	WeCan®			Clear		2.50" (64mm) H x 11.313 (287mm) D x 60" (154cm) L
CW0BAAA	Century™		4 Amber Linear-LEDs (2/Front, 2/Rear)	Action-Scan™	Extruded aluminum I-Beam		Color lenses standard		2.25" (57mm) H x 12" (304mm) D x 60" (154cm) L
CV0BAAAA	Cenator™	4 Linear-LED corners, 2 worklights & 2 brake/tail/turns	8 Amber Linear-LEDs (6/Front, 2/Rear).	75 Signal-Alert™			Clear domes		2.6" (67mm) H x 12.4" (315mm) D x 54" (137cm) L
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 lightheads in pairs)	75 Signal-Alert™		12		SAE Class 1	3.75" (95mm) H x 12.50" (318mm) D x 60" (154cm) L
JF0TAAAA			Optional*		Black polycarbonate base on extruded aluminum platform		Clear outer standard, color available		
JF0BAAAA	Justice®	4 Linear-LED corners 2 Super-LED work lights, 2 LED brake/tail/turn lights	6 Amber CON3™*	Action-Scan					2.25" (57mm) H x 12" (304mm) D x 62.375" (158cm) L
JF0DAAAA			5 Amber CON3* & Traffic Advisor™						
JF0FAAAA			14 Amber CON3s						

● ● ● Contact Factory for Red/Blue Versions

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

W Mini Lightbars

Responder® HD Series

5YR | 12 | SC | SYNC | SCAN LOCK™ | HARD COAT | SAE CLASS 1

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

MODELS

Model	Technology	Color	Mount	Amps	VDC	Patterns	Base	Compliance	Dimensions
R10HDP*	Super-LED®	Amber or White	Permanent	9.0/peak 3.6/avg	12	12 Scan-Lock™ 75 SignalAlert™	Aluminum	SAE Class 1	5.125" (130mm) H x 17.25" (438mm) W x 6.313" (160mm) D
R10HDM*			Magnetic						
R10HDV*			Magnetic/suction						

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

Responder® R1LP Series

[5YR] [12] [SCAN LOCK™] [SYNC] [SC] [HARD COAT] [SAE CLASS 1] [TITLE 13*] |SOLO™

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.

R1LPPA

R1LPVF

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

MODELS

Model	Technology	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	30 Scan-Lock™ patterns including 4 simulated rotating patterns (perm mount only) ActionScan™ default for magnetic mount only	SAE Class 1	2.845" (73mm) H x 17" (431mm) W x 6.313" (160mm) D
R1LPPACA			Clear						SAE Class 1 T13	
R1LPMA			Amber	Magnetic						
R1LPMCA			Clear							
R1LPVA			Amber	Magnetic/suction						
R1LPVCA			Clear						SAE Class 1	
R1LPHPA			Amber	Permanent	Aluminum					3.25" (82mm) H x 17" (431mm) W x 6.313" (160mm) D
R1LPHPCA			Clear							
R1LPHMA			Amber	Magnetic						
R1LPHMCA			Clear							
R1LPHVA			Amber	Magnetic/suction						
R1LPHVCA										
R1LPPF		Split color Amber/ White	Clear	Permanent	Poly-carbonate					2.845" (73mm) H x 17" (431mm) W x 6.313" (160mm) D
R1LPMF				Magnetic						
R1LPVF				Magnetic/suction						

Responder® R2LP Series

5YR | 12 | 24 | SC | SCAN-LOCK™ | SYNC | HARD COAT | SAE CLASS 1 | TITLE 13*

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.
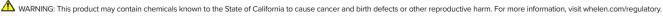
R2LPMF   RDLPPAB DUO™

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

MODELS

Model	Technology	Color	Dome	Mount	Base	Amps	VDC	Patterns	Compliance	Dimensions
R2LPPA			Amber				12		SAE Class 1	
R2LPPACA			Clear	Permanent					SAE Class 1 T13	
R2LPPA4			Amber		Poly-carbonate		24			2.845" (73mm) H x 17" (431mm) W x 6.313" (160mm) D
R2LPMA			Amber	Magnetic						
R2LPMCA			Clear							
R2LPVA		Amber, or Blue	Amber	Magnetic/suction				30 Scan-Lock™ patterns including 4 simulated rotating patterns (perm mount only) ActionScan™ default for magnetic mount only		
R2LPVCA			Clear							
R2LPHPA	LIN6 Super-LED		Amber	Permanent		6.0/peak 2.4/avg				
R2LPHPCA			Clear						SAE Class 1	3.25" (82mm) H x 17" (431mm) W x 6.313" (160mm) D
R2LPHMA			Amber	Magnetic	Aluminum		12			
R2LPHMCA			Clear							
R2LPHVA			Amber	Magnetic/suction						
R2LPHVCA										
R2LPPF				Permanent						
R2LPMF		Split color Amber/White	Clear	Magnetic	Poly-carbonate					2.845" (73mm) H x 17" (431mm) W x 6.313" (160mm) D
R2LPVF				Magnetic/suction						
RDLPPAB	DUO LIN6 Super-LED	DUO Amber/Blue		Permanent				33 Scan-Lock patterns		

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Mini Century™ Series ISOLO™

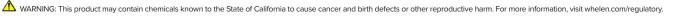**5YR** | **12** | **SCAN LOCK™** | **SC** | **HARD COAT** | **SAE CLASS 1**

MC16PA

MC23VA

MC11MA

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

MODELS

Model	Technology	Modules	Mount	Amps	VDC	Patterns	Dome	Base	Compliance	Dimensions
MC11PA		6 Amber	Permanent	3.6/peak 2.2/avg						2.50" (64mm) H x 11" (279mm) W x 7.50" (191mm) D
MC11MA			Magnetic							
MC11SA			0.75" (19mm) Stud							
MC16PA		8 Amber	Permanent	4.8/peak 3.0/avg			Amber			2.50" (64mm) H x 16" (406mm) W x 7.50" (191mm) D
MC16MA			Magnetic							
MC16VA			Magnetic/suction							
MC16SA	Corners: Linear Super-LED®		0.75" (19mm) Stud					Extruded aluminum platform	SAE Class 1	
MC16PF		4 Amber 4 White	Permanent		12	17 Scan-Lock	Clear			
MC16MF			Magnetic							
MC16VF	Inboards: TIR6™ Super-LED		Magnetic/suction							
MC16SF			0.75" (19mm) Stud							
MC23PA		12 Amber	Permanent	7.2/peak 4.4/avg			Amber			2.50" (64mm) H x 23" (584mm) W x 7.50" (191mm) D
MC23MA			Magnetic							
MC23VA			Magnetic/suction							
MC23SA			0.75" (19mm) Stud							
MC23MF			Magnetic							
MC23PF			Permanent				Clear			
MC23VF			Magnetic/suction							

Mini Cenator® Series

5YR | 12 | SCAN LOCK™ 1 | R65 CLASS 1 | SAE CLASS 1

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

CVMAAAAP

FEATURES

- SAE Class 1 Certified
- Four LIN6™ lightheads
- Magnetic mount includes cigar plug with On/Off switch with LED indicator, and Scan-Lock™ pattern control switch
- Permanent mount includes 20' cable

- Advanced thermal design improves LED performance during extended operation
- UV coated, Clear polycarbonate, hard-coated domes
- Optional take-down and alley lights available

MODELS

Model	Design	Technology	Mount	Amps	VDC	Patterns	Base	Dome	Compliance	Dimensions
MCE1PA	Pre-Configured (see diagram)	LIN6 Super-LED®	Permanent	0.45/peak 0.48 / avg per mo dule	12	67 Scan-Lock	Extruded aluminum	Clear	SAE Class 1 and R65 Class 1	2.5" (67mm) H x 24" (610mm) W x 12.1" (307mm) D
CVM****P										
CVM****M	Configurable		Magnetic							
CVM****V			Magnetic/suction							

🟡 ⚪

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*
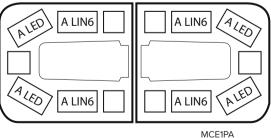
CDC* (1) CON3™ module with spreader optics

CDL* (1) Full LIN6

CVTS (2) Take-downs

CVA (2) Alley lights

PRE-CONFIGURED LIGHTBAR

MCE1PA

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Mini Justice® Series

| 5YR | 12 | SC | SCAN LOCK™ | HARD COAT | R65 CLASS 1 | SAE CLASS 1 | ISOLO™ |

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

MJEG1A

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

MODELS

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	2.25" (57mm) H x 22" (558mm) W x 12" (304mm) D
MJY****M		Magnetic							
MJY****V		Magnetic/suction							
MJEG1A	Linear & CON3 Super-LED (4 Amber CON3)	Magnetic	6.0 / peak 2.4 / avg. (4 Corner)						
MJEP1A		Permanent							

⬤ ⬤

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

JDC* (1) CON3 module with spreader optics

JDH* (1) LTR3™ Take-down

MJTDALL1 (4) LR11 lights. 2 Alley light, 2 Take-downs

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Mini Freedom® IV Series

5YR | **12** | **SC** | **SCAN LOCK™** | **HARD COAT** | **R65 CLASS 1** | **SAE CLASS 1** | **ISOLO™**

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

Download WeCad™ for full list of available options
whelen.com/eng_apps

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
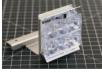- Magnetic mount includes 3m cord, cigar plug with On/Off and pattern switches

MODELS

Model	Design	Technology	Color	Mount	Amps	VDC	Patterns	Base	Dome	Compliance	Dimensions
F4MAAAAP	Pre-Configured (see diagram)	Linear Super-LED	Amber	Permanent	4	12	58 Scan-Lock™ with external control	Extruded aluminum I-Beam	Clear	SAE Class 1 and R65 Class 1	3.75" (95mm) H x 21.50" (546mm) W x 12.50" (318mm) D
F4M****P	Configurable										
F4M****M			Amber or White	Magnetic							
F4M*0*0F		Front Facing Linear Super-LED		Permanent	2						

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

F4DL* (1) Long 12-LED lighthead

F4MTL6 (2) 6-LED take-downs

F4MA6 (2) 6-LED alley lights
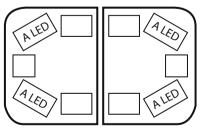
F4MA3 (2) 3-LED alley lights

PRE-CONFIGURED LIGHTBAR

F4MAAAAP

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Mini Liberty™ II Series

5YR | **12** | **SC** | **SCAN LOCK™** | **HARD COAT** | **R65 CLASS 1** | **SAE CLASS 1** | **PROCLERA** SILICONE OPTICS | **|SOLO™**

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

Download WeCad™ for full list of available options
whelen.com/eng_apps

IT9AAAAP with directional modules

FEATURES

- Available in SOLO™
- 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 mount includes 3m cord with cigar plug with On/Off switch and Scan-Lock™ flash pattern switch

MODELS

Model	Design	Description	VDC	Compliance	Dimensions
IT9AAAAP	Pre-Configured (see diagram)	Permanent mount Linear-LED®, Amber			
IT9****P		Permanent mount Linear-LED, Amber, or White	12	SAE Class 1 and R65 Class 1	2.5" (64mm) H x 11.313" (287mm) D x 19.375" (490mm) L
IT9****M	Configurable	Magnetic mount Linear-LED, Amber, or White			
IT9****V		Magnetic/suction Linear-LED, Amber, or White			

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

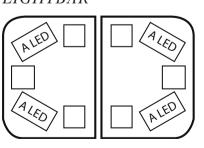IWDS* (1) Short lighthead

ITTS (2) 6-LED take-downs

ITA (2) Alley lights

PRE-CONFIGURED LIGHTBAR

A LED | A LED
A LED | A LED

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Mini Legacy® Series

Download WeCad™ for full list of available options
whelen.com/eng_apps

GT9AAAAP

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)
- 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

MODELS

Model	Description	VDC	Compliance	Dimensions
GT9****P	Permanent mount, Linear-LED®, Amber, or White			
GT9****M	Magnetic mount, Linear-LED, Amber, or White	12	SAE Class 1 and R65 Class 1	1.60" (41mm) H x 11.313" (287mm) D x 19.375" (490mm) L
GT9****V	Magnetic/suction mount, Linear-LED, Amber, or White			

* Replace symbol in model number with letter indicating desired color: A=Amber, C=White
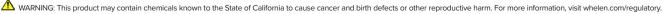
OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

GTA (2) Alley lights

GTTS (2) Short 3-LED take-downs

Municipal Systems

5YR | **12** | **SCAN LOCK™** | **HARD COAT** | **SAE CLASS 1**

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.

Remote L31 Beacon

Stainless Steel Micro 400

Rear 700 Series Lightheads

Rear 400 Series Lightheads

FEATURES

- Front system components provide 360° warning visibility and include a 60' TPE cable
- Rear lightheads have specially designed lenses for wide light output and include Deutsch® waterproof connectors. Brake/Tail/Turn lightheads include SignalAlert™

- Rear housings include a 30' TPE cable with strain relief flex tubing and couplings that provide added safeguard against the elements

MODELS

SYSTEM 702 - 3 LIGHT SYSTEM
One L31 remote beacon with rear 700 Series lightheads

SYSTEM 710 - 4 LIGHT SYSTEM
Two stainless steel Micro 400 lightheads with rear 700 Series lightheads

Model	Description	Compliance	Model	Description	Compliance
SYS702A	Warning		SYS710A	Warning	
SYS702B	Warning and Brake/Tail/Turn	SAE Class 1	SYS710B	Warning and Brake/Tail/Turn	SAE Class 1
SYS702D	Warning, Brake/Tail/Turn, and Back-Up		SYS710D	Warning, Brake/Tail/Turn, and Back-Up	

QuickFit™

Shown with OE brakelight

Also Available
in white

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

- The 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

- The usable mounting area is approximately 7.25" (184.15mm) W x 17.25" (433mm) L

MODELS

Model	Description
QFFORD1	Ford F-150 2015-2020 & F-250/F-350 Super Duty, 2017-2020, Black aluminum housing*
QFFORD1W	Ford F-150 2015-2020 & F-250/F-350 Super Duty, 2017-2020, White aluminum housing*
QFFORD1S	Ford F-150 2015-2020 & F-250/F-350 Super Duty, 2017-2020, Black steel housing
QFFRD1SW	Ford F-150 2015-2020 & F-250/F-350 Super Duty, 2017-2020, White steel housing
QFGM1	Chevy Silverado 1500/2500/3500, 2016-2018, Black aluminum housing*
QFGM1W	Chevy Silverado 1500/2500/3500, 2016-2018, White aluminum housing*
QFGM1S	Chevy Silverado 1500/2500/3500, 2016-2018, Black steel housing
QFGM1SW	Chevy Silverado 1500/2500/3500, 2016-2018, White steel housing
QFRAM1	Ram 1500 2016-2018, Black aluminum housing*
QFRAM1W	Ram 1500 2016-2018, White aluminum housing*
QFRAM1S	Ram 1500 2016-2018, Black steel housing
QFRAM1SW	Ram 1500 2016-2018, White steel housing
QFRAM2	Ram 1500 Classic, 2019, Black powder coated aluminum housing*
QFRAM2W	Ram 1500 Classic, 2019, White powder coated aluminum housing*
QFRAM2S	Ram 1500 Classic, 2019, Black powder coated steel housing
QFRAM2SW	Ram 1500 Classic, 2019, White powder coated steel housing

*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

TAM63

TACTL5

TAZ86

FEATURES

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

- Fully encapsulated
- 15' cable standard, alternate cable lengths available, contact factory
- Consult current price list for full list of available options whelen.com/literature

MODELS

Model	Lamps	Lightheads	Control Head	VDC	Compliance	Height & Depth	Length
TAM63	6	TIR3™	Includes TACTL5 contol head	12	SAE Class 1	1-3/4" (44mm) x 2-3/16" (56mm)	23.26" (59cm)
TAM83	8	TIR3					30.36" (77cm)
TAM83**	8	TIR3					30.36" (77cm)
TAZ66	6	LINZ6™			SAE Class 1	1-3/4" (44mm) x 2-3/16" (56mm)	23.26" (59cm)
TAZ86	8	LINZ6					30.36" (77cm)
TAZ86**	8	LINZ6					30.36" (77cm)

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

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Traffic Advisor™
Dominator™ Series

5YR | **12** | **HARD COAT** | **SAE CLASS 1** | **ISOLO™**

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

Dominator Plus shown

TACTL5

FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow & warning function
- Fully encapsulated

- 15' cable standard, alternate cable lengths available, contact factory
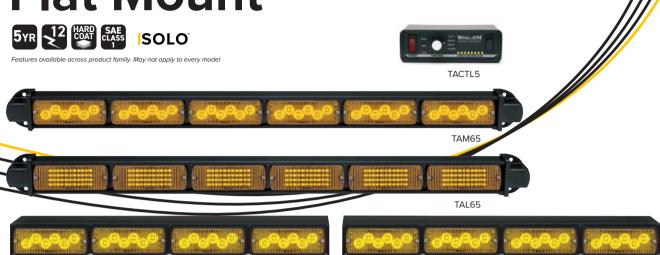- Consult current price list for full list of available options whelen.com/literature

MODELS

Model	Series	Lamps	Lightheads	Control Head	VDC	Compliance	Height & Depth	Length
DTA6A	Dominator	6	TIR3™ Amber	Optional TACTL5 contol head	12	SAE Class 1	1-3/4" (44mm) x 2-3/16" (56mm)	23.26" (59cm)
DTA6		8	Requires 6 D*					23.26" (59cm)
DTA8A		8	TIR3 Amber					30.36" (77cm)
DTA8		6	Requires 8 D*					30.36" (77cm)
DTAW8		8	Requires 8 D*, 6 Amber, 2 end warning					30.36" (77cm)
DPTA6A	Dominator Plus™	6	LINZ6 Amber					23.26" (59cm)
DPTA6		6	Requires 6 DP*					23.26" (59cm)
DPTA8A		8	LINZ6™ Amber			SAE Class 1		30.36" (77cm)
DPTA8		8	Requires 8 DP*					30.36" (77cm)
DPTAW8		8	Requires 8 DP*, 6 Amber, 2 end warning					30.36" (77cm)
D*	TIR3 Super-LED® Lighthead, Amber or White							
DP*	LINZ6 Super-LED Lighthead, Amber or White							

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

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Traffic Advisor™ Flat Mount

5YR | **12** | **HARD COAT** | **SAE CLASS 1** | **ISOLO™**

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

TACTL5

TAM65

TAL65

TA4437M

FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow & warning function
- Fully encapsulated
- 15' cable standard, alternate cable lengths available, contact factory
- Consult current price list for full list of available options whelen.com/literature

MODELS

Model	Lamps	Lightheads	VDC	Control Head	Cable	Compliance	Height & Depth	Length
TAL65	6	500 Series 5mm LED			15'		2.875" (73mm) x 2.25" (57mm)	36" (91cm)
TAL85	8				15'			46.875" (119cm)
TA4437M	8	TIR6™ 500 Series Super-LED® two piece			15'		2.46" (62mm) x 4.41 (112mm)	21.875" (56cm)
TA4437M1	8		12	Included TACTL5	30'	SAE Class 1		
TA4437M2	8				50'			
TAM65	6	TIR6™ 500 Series			15'		1.75" (44mm) x 2.188" (56mm)	23" (58cm)
TAM85	8				15'			30.063" (76cm)
TAM85**	8				15'			

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* Replace symbol in model number with letter indicating desired color: A=Amber, W=White
** Indicates flashing end modules

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

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.

TACF85

TANF65

TACTL5

FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow & warning function
- Fully encapsulated

- 15' cable standard, alternate cable lengths available, contact factory
- Consult current price list for full list of available options whelen.com/literature

MODELS

Model	Lamps	Lightheads	VDC	Control Head	Compliance	Height & Depth	Length
TANF65	6	500 Series Linear-LED®	12	Includes TACTL5 control head	SAE Class 1	2.375" (60mm) x 2.375" (60mm)	34" (86cm)
TANF85	8	500 Series Linear-LED					45.12" (115cm)
TANF85**	8	500 Series Linear-LED					45.12" (115cm)
TACF85	8	500 Series CON3™ Super-LED					45.12" (115cm)
TACF85**	8	500 Series CON3 Super-LED					45.12" (115cm)
TADF6	6	500 Series DUO™ Super-LED		No control head required	SAE Class 1, T13		34" (86cm)
TADF8	8	500 Series DUO Super-LED		No control head required			45.12" (115cm)

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

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Traffic Advisor™ TAC8 (Economy)

5YR **12** **IP67** **HARD COAT** **SAE CLASS 1** **|SOLO**™

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

FEATURES

- TAC8 includes control head
- 15' cable standard, extra length cables available
- Control head mounting kit included and allows for VHB double-sided adhesive, Velcro®, and permanent mount

- Black extruded aluminum housing
- Four operating modes: left, right, split, or flashing
- Rear dip switch provides 8 flash pattern choices

MODELS

Model	Lamps	Lightheads	Description	VDC	Compliance	Hieght & Depth	Length
TAC815			15' cable, and included control head				
TAC830	8	SOLO™ Super-LED®	30' cable, and included control head	12	SAE Class 1	2" (6cm) x 2.64" (7cm)	47.75" (121cm)
TAC850			50' cable, and included control head				

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Traffic Advisor™ Arrows

TA166AL5

TA125NF1

TA165NF1

TA45B72

FEATURES

- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning functions
- Fully encapsulated

- 15' cable standard, alternate cable lengths available, contact factory
- Consult current price list for full list of available options whelen.com/literature

MODELS

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

W Dash & Deck

Avenger® II Series

5YR **12** **HARD COAT** **SAE CLASS 1** | **SOLO™** **DUO™** **TRIO™**

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

AVC21AB

AVC11A

FEATURES

- Newly designed combination Linear/TIR optics provide high intensity warning and illumination and a smaller profile maximizes space for optimal versatility
- Available in SOLO™ (single color), DUO™ (two color interleaved or TRIO™ (three color interleaved) modules
- Black polycarbonate housing

- Mounts via swivel/bail bracket with three suction cups
- Cigar plug series models include 10' cord with On/Off switch and pattern selection switch
- Hard-wired series models include a 2 wire (SOLO), 3 wire (DUO), or 4 wire (TRIO) pigtail
- Consult current price list for models

MODELS

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

* 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

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

SpitFire ION™

5YR | **12** | **SYNC** | **SCAN LOCK**™ | **HARD COAT** | **SAE CLASS 1** | **TITLE 13**＊

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

- ION Super-LED® interior dash and deck light
- Fully encapsulated for moisture, vibration and corrosion resistance
- Includes universal bracket, windshield suction cup mount
- Includes integral hood and 8' straight cord with cigar plug, On/Off switch with LED "On" indicator and Scan-Lock™ pattern switch

MODEL

Model	Lamp	Amps	VDC	Patterns	Compliance	Dimensions
SFION*	ION Super-LED	1.0/peak, 0.40/avg	12	25 Scan-Lock	SAE Class 1 and T13	1.625" (41mm) H x 5.125" (130mm) W x 3.375" (86mm) D

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

FlatLighter™

5YR | **12** | **SCAN LOCK**™ | **HARD COAT**

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

FEATURES

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

MODEL

Model	Technology	Amps	VDC	Patterns	Compliance	Dimensions
FLLED**	LED	0.8	12	21 Scan-Lock™	-	4.50" (114mm) H x 13" (330mm) W x 1.25" (32mm) D

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

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

SlimLighter®

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

FEATURES

- 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

Model	Lamp	Amps	VDC	Patterns	Compliance	Dimensions
SLPMM**	TIR6™ Super-LED	1.5/peak, 0.6/avg	12	21 Scan-Lock™	SAE Class 1	2" (52mm) H x 16.375" (416mm) W x 1.188" (46mm) 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

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 hold dash light to windshield minimizing flashback

MODEL

Model	Lamp	Amps	VDC	Patterns	Compliance	Dimensions
SMLLAA	LED	0.33/peak, 0.10/avg	12	18 Scan-Lock	SAE Class 1	1.625" (42mm) H x 12.845" (326mm) W x 2.75" (70mm) D

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

WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Dominator™ & Dominator Plus™ Series

DP2

DP4

DP6

DP8

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

MODELS

Model	Description	Patterns	Amps	VDC	Compliance	Height & Width	Length
DP2	2 Lamp, requires two DP*	7 Flash patterns and steady on mode Pairs may be synchronized to each other	0.44/peak 0.2A/avg per module	12	SAE Class 1 and T13	1.188" (35mm) x 2.188" (55mm)	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™		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 Lighthead, Amber, or White	-	-		-		-

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

ᗯ Lightheads

ION™ Series

5YR | 12 | SYNC | SCAN LOCK™ | HARD COAT | R65 CLASS 1 | SAE CLASS 1 | **ISOLO™** **DUO™** **TRIO™**

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

ION profile

IONSMA   IONA

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
- Consult current price list for required mounting hardware whelen.com/literature

MODELS

Model	Description	VDC	Compliance	Dimensions
ION*	Directional Linear Super-LED®, Amber, or White			
ION#	Directional Linear split-color Super-LED, Amber/Blue, Amber/White			
WION*	Wide-angle Linear Super-LED, Amber, or White			
WION#	Wide-angle Linear Super-LED, Amber/Blue, Amber/White			
IONSM*	Directional Linear Super-LED, Amber, or White			
IONSMC*	Directional Linear Super-LED, Amber, or White			Universal Mount: 1" (25mm) H x 1.25" (32mm) D x 4" (101mm) L
IONSM#	Directional Linear Super-LED, Amber/Blue, Amber/White		SAE Class 1 & R65 Class 1	
IONSMC#	Directional Linear Super-LED, Amber/Blue	12		
WIONSM*	Wide-angle Linear Super-LED, Amber, or White			
WIONSMC*	Wide-angle Linear Super-LED, Amber, or White			Surface Mount: 1.688" (43mm) H x 1.125" (28mm) D x 5.938/16" (150mm)
WIONSM#	Wide-angle Linear Super-LED, Amber/Blue, Amber/White			
WIONSMCD	Wide-angle Linear Super-LED, Amber/Blue, Amber/White			
I2#	Linear DUO Super-LED, Amber/White, Amber/Blue			
I2SM#	Linear DUO Super-LED, Amber/White, Amber/Blue			
I3MC	Linear TRIO Super-LED, Blue/Amber/White			
I3SMMC	Linear TRIO Super-LED, Blue/Amber/White			

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* 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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

IONK1B Swivel Mount Bracket

IONGROM Grommet Mount Bracket

IONBKT1 License Plate Bracket

IONBKT5 Universal Mount, Reversed

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

ION™ T-Series™

5YR | **12** | SYNC | **IP67** | SCAN LOCK™ | HARD COAT | R65 CLASS 1 | SAE CLASS 1 | ▌SOLO™ | ▌DUO™

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

T-Series profile

FEATURES

- Linear Super-LED® optics
- Available in SOLO™ or DUO™ models
- SOLO models available in single or split colors

- Easily surface mounts with two screws
- Includes Black flange
- Available with Smoked lenses

MODELS

Model	Description	VDC	Compliance	Dimensions
TLI*	SOLO, Linear Super-LED, Amber, or White	12	SAE Class 1 R65 Class 1	1" (25mm) H x 0.38" (9mm) D x 4.19" (122mm) L
TLI#	SOLO, Linear split color Super-LED, Amber/White, Amber/Blue			
TLI2#	DUO, Linear Super-LED, Amber/White, Amber/Blue			

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* 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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

TIONFC Chrome Flange

IONBKT1 "L" Mounting Bracket

IONBKT2 License Plate Bracket

IONBKT4 Over/Under "L" Mounting Bracket for Two Lightheads

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

ION™ Mini T-Series™

5YR | **12** | **SYNC** | **IP67** | **HARD COAT** | **R65 CLASS 1** | **SAE CLASS 1** | **SOLO™** | **DUO™**

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

Mini T-Series profile

FEATURES

- Linear Super-LED® optics
- Available in SOLO™ or DUO™ models
- Easily surface mounts with two screws

- Includes Black flange
- Available with Smoked lenses

MODELS

Model	Description	VDC	Compliance	Dimensions
TLMI*	SOLO, Linear Super-LED, Amber, or White	12	SAE Class 1 R65 Class 1	1.50" (3.81cm) H x .50" (1.27cm) D x 3.34" (8.48cm) L
TLMI2#	DUO, Linear Super-LED, Amber/White, 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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

TIONMLB Surface mount flange/hole adapter, Black. Also available in Chrome

TIONMGRM Grommet mount kit

ION™ V-Series™

5YR · **12** · **SYNC** · **SCAN LOCK™** · **HARD COAT** · **R65 CLASS 1** · **SAE CLASS 1**

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

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

MODELS

Model	Mount	Description	VDC	Housing	Compliance	Dimensions
IONV3*	Universal	Linear Super-LED®, Amber, or White with White illumination		Black		Surface Mount: 1.688" (43mm) H x 2" (50mm) D x 5.938" (150mm) L
IONSV3*	Surface	Linear Super-LED, Amber, or White with White illumination		Black		
IONSV3*W	Surface	Linear Super-LED, Amber, or White with White illumination		White		
IONSV3*C	Surface	Linear Super-LED, Amber, or White with White illumination	12	Chrome	SAE Class 1 R65 Class 1	
IONV1*	Universal	Linear and TIR Super-LED with directional light, Amber, or White		Black		Universal mount: 1" (25mm) H x 2.188" (56mm) D x 4.0625" (104mm) L
IONSV1*	Surface	Linear and TIR Super-LED with directional light, Amber, or White		Black		
IONSV1*C	Surface	Linear and TIR Super-LED with directional light, Amber, or White		Chrome		

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

IONK1B Swivel Mount Bracket

IONGROM Grommet Mount Bracket

IONBKT1 License Plate Bracket

IONBKT5 Universal Mount, Reversed

Micron™ Series

5YR | **12** | **SYNC** | **SCAN LOCK™** | **R65 CLASS 1** | **HARD COAT**

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

FEATURES

- Surface mount installation
- Fully encapsulated

MODELS

Model	Optics	Technology	Mount	Color	Housing	Amps	VDC	Patterns	Cable	Compliance	Dimensions
MCRNS*	Single color	Super-LED®	Surface	A, W	Black	0.6	12	25 Scan-Lock™	6" Pigtail	SAE Class 1 R65 Class 1	0.875" (23mm) H x 4" (102mm) W x 0.875" (23mm) D
MCRNSC*	Single color			A, W	Chrome						
MSRNS#	Split color			A/W, A/B	Black						
MSRNSC#	Split color			A/W, A/B	Chrome						
MCRNT*	Single color		Stud	A, W	Silver						
MCRNT#	Split color			A/W, A/B							

* 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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

MCRNB1 "L" Angle Mounting Bracket

MCRNB2 License Plate Bracket

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

TIR3™, LIN3™, LINZ6™, & LINV2™ Series

5YR | **12** | **SYNC** | **SCAN LOCK™** | **HARD COAT** | **R65 CLASS 1** | **ISOLO™**

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

TIR3

LIN3

LINZ6

LINV2

FEATURES

- Includes Black polycarbonate mounting flange
- Fully encapsulated - LINZ6 sealed with LIM (liquid injection molded) seal

- Consult current price list for full list of available options whelen.com/literature

MODELS

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Compliance	Dimensions
RS*03ZCR	Directional	TIR3 Super-LED®	Horizontal surface	A, W		0.40/ peak, 0.16/avg	25 Scan-Lock™	6" Pigtail	R65 Class 1	1.125" (28mm) H x 3.50" (89mm) W x 1.25" (32mm) D
RV*03ZCR			Vertical surface							
RS*02ZCR		LIN3 Super-LED	Horizontal, surface						R65 Class 1	
LINZ6*		LINZ6 Super-LED			12	0.75/ peak, 0.30/avg	69 Scan-Lock			2" (48mm) H x 4" (102mm) W x 1.625" (40mm) D
LINZ6F	Split Directional	Split LINZ6 Super-LED		Split A/W						
LINZ61				Split A/A						
LINV2*	Combination warning and puddle light	LINV2 Super-LED	Horizontal, surface	A, W		0.75/ warning, 0.12/ puddle	25 Scan-Lock			1.50" (40mm) H x 3.845" (98mm) W x 1.625" (42mm) D
LINSV2*			Under surface mounting							1.125" (28mm) H x 2.845" (73mm) W x 2.813" (71mm) D

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

RFLANGCD Chrome Flange

RFLANG2B Dual Surface Mount Flange, Black or Chrome

RGROMMET Grommet Mount Kit

RBKT1 "L" Mounting Bracket For One Lighthead

RBKT2 l "L" Mounting Bracket For Two LIghtheads

RBKT18 or 19 Above or below taillight mounting bracket 2015-2020 Ford F-150

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Vertex™ Series

5YR · **12** · **SYNC** · **SCAN LOCK™** · **HARD COAT** · **R65 CLASS 1** · **ISOLO™**

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

VTX609A

VTX609C

FEATURES

- Self-contained light with in-line lamp driver
- Available as an omni-directional, side emitter, or directional lighthead
- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option
- Fully encapsulated

- Clear outer lens, color LEDs
- Available with Smoked lenses
- Consult current price list for full list of available options whelen.com/literature

MODELS

Model	Description	VDC	Compliance	Dimensions
VTX609*	Recess or surface mount, omni-directional Super-LED®, Amber, or White	12	R65 Class 1	1" (26mm) H x 1.625" (41mm) Dia.
VTX609#	Recess or surface mount, omni-directional Super-LED, split Amber, or White			
VTXD609*	Recess or surface mount, directional/side emitting shield Super-LED, Amber, or White			
VTXD609#	Recess or surface mount, directional/side emitting shield Super-LED, split Amber, or White			
VTX3609*	Recess mount, 360° side emitter Super-LED, Amber, or White			
VTX3609#	Recess mount, 360° side emitter Super-LED, split Amber, Blue, or White			
VHB609*	Surface mount, omni-directional Super-LED, Amber, or White			
VHB609#	Surface mount, omni-directional Super-LED, split Amber, Blue, or 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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

VTXFB Black Flange

VTXFC Chrome Flange

VTXADAPT Twist-in adapter

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

0S™ Series

5YR · **12** · **HARD COAT**

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

FEATURES

- Fully encapsulated
- Includes Chrome housing
- Clear outer lens, color LEDs

MODELS

Model	Description	VDC	Dimensions
0S*00FCR	Surface mount, 5mm LED light with single flash, includes Chrome flange, Amber, or White	12	1" (25mm) H x 0.5" (13mm) D x 1.5" (38mm) L
0S*00SCR	Surface mount, 5mm LED light with steady-burn, includes Chrome flange, Amber, or White		
0AC0EDCR	Surface mount, 5mm LED light with steady-burn, includes 45° Chrome flange, White		1" (25mm) H x .875" (21mm) D x 1.875" (48mm) L

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

2G & 5G Series

5YR | **12** | **SCAN LOCK™** | **HARD COAT** | **SAE CLASS 1**

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

5G

2G

FEATURES

- SmartLED® design requires no external flasher
- Fully encapsulated
- Includes mounting grommet
- Consult current price list for required mounting hardware whelen.com/literature
- Available with Clear, or color lenses

MODELS

Model	Description	VDC	Dimensions
2G*00F*R	2G Series, 5mm LED warning light, Red or Amber		5.5" (140mm) Dia. x 1.25" (32mm) D (with grommet)
2G*00FCR	2G Series, 5mm LED warning light, Red or Amber, Clear lens	12	
5G*00F*R	5G Series, 5mm LED warning light, Red or Amber		3.188" (81mm) H x 7.438" (189mm) W x 1.25" (32mm) D (with grommet)
5G*00FCR	5G Series, 5mm LED warning light, Red or Amber, Clear lens		

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

5GFLANGC
Chrome Flange

5GFLANGB
Black Flange

5GBKT1 "L" Bracket

2GFLANGC
Chrome Flange

2GFLANGB
Black Flange

2GBKT1 "L" Bracket

3" Round Series

5YR 12 SCAN LOCK™ HARD COAT

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

FEATURES

- Available with Clear, or color lenses
- Consult current price list for required mounting hardware whelen.com/literature

MODEL

Model	Description	VDC	Dimensions
3S*00F*R	3" Round surface mount LED	12	3" (76mm) Dia

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

3FLANGEC
Chrome Flange

3GROMMET
Grommet

⚠️ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

4" Round Series

2FA00ZAR

2EA00ZAR

FEATURES

- Supplied with adapter for PAR-36 (4.5") applications
- Fully encapsulated
- Consult current price list for required mounting hardware whelen.com/literature

MODELS

Model	Optics	Technology	Mount	Color	Amps	VDC	Patterns	Encapsulated	Cable	Compliance	Dimensions
2F*00Z*R	Flat lens	TIR6™ Super-LED®	Surface	A, W	0.8/max .32/avg	12	25 Scan-Lock™	Yes	6" Pigtail	SAE Class 1	4.25" (108mm) Dia. x 1.188" D
2E*00Z*R	Extended lens	LINZ6™ Super-LED	Requires optional mounting	A, W	2/peak 0.9 avg		25 Scan-Lock				4.25" (108mm) Dia. x 2" D

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

2FLANGEB
Black Flange

2FLANGEC
Chrome Flange

2GROMMET
Grommet

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Strip-Lite™ Plus Sequence Light

5YR **12** **IP67** **SCAN LOCK™** **HARD COAT**

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

FEATURES

- Low current consumption
- Durable Black or Chrome flange easily surface mounts with two screws
- Symmetrical center positioned wire exit
- Includes a 12" pigtail
- Sequencing features: Left, right, split, and flashing patterns

MODEL

Model	Technology	VDC	Dimensions
PSSEQACR	Sequencing Light, Amber, 6 Sequencing Patterns, 11 Flashing Patterns, Clear Lens	12	1.68" (4.27 cm) H x 0.525" (1.33 cm) D x 11.11" (28.21 cm) L
●	* Replace symbol in model number with letter indicating desired color: A=Amber		

OPTION - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

PSFC
Chrome Flange

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Strip-Lite™ Plus Warning Light

5YR | **12** | **SCAN LOCK™** | **IP67** | **SAE CLASS 1** | **|SOLO™** | **|DUO™**

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

FEATURES

- Low current consumption
- Surface mount
- Symmetrical center positioned wire exit

- Includes a 12" pigtail
- Includes black mounting flange
- Visit www.whelen.com for a full list of available options

MODELS

Model	Technology	VDC	Compliance	Dimensions
PS*01FCR	SOLO™, Blue, Amber or White, Clear Lens	12	SAE Class 1	1.68" (4.27 cm) H x 0.525" (1.33 cm) D x 11.11" (28.21 cm) L
PS#02FCR	DUO™, Amber/White, or Blue/Amber, Clear Lens			

* 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

OPTION - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

PSFC
Chrome Flange

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

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
- Fully encapsulated

- Available with Clear or color lenses
- Visit www.whelen.com for a full list of available mounting hardware

MODELS

Model	Optics	Technology	Mount	Color	Amps	VDC	Patterns	Cable	Compliance	Dimensions
40**5SCR	Dual level	Linear Super-LED	Requires optional mounting	A, W	1.8/peak 0.72/avg		Requires optional flasher	6" Pigtail	SAE Class 1	3.188" (77mm) H x 4.938" (124mm) W x 2" (50mm) D
40*02Z*R	Single level		Surface		0.90/peak 0.36/avg	12	25 Scan-Lock™			3.188" (77mm) H x 4.938" (124mm) W x 1.375" (34mm) D
4V3*	Warning, alley/flood & puddle light	3-in-1 Super-LED lighting		A, W warning, steady W for alley and puddle	1.2 warning 0.40 alley 0.12 puddle		Warning has 25 Scan-Lock patterns			3.063" (77mm) H x 4.938" (124mm) W x 2.75" (69mm) D

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

4EFLANGE
Chrome Flange

4FLANGEB
Black Flange

4TSMAB Surface Mount Adapter, Available in Chrome

4EGRILP Grille-Master™

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

500 Series

5YR | 12 | SYNC | SCAN LOCK | HARD COAT | SAE CLASS 1

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

50A03ZAR

50C03ZCR

50A02ZAR

50C02ZCR

5V3A

5V3C

FEATURES

- Available with Linear Super-LED® or TIR6™ optics
- Fully encapsulated

- Available with Clear or color lenses
- Visit www.whelen.com for a full list of available mounting hardware

MODELS

Model	Optics	Technology	Mount	Color	Amps	VDC	Patterns	Cable	Compliance	Dimensions
50*02Z*R	Single color, horizontal mount	Linear Super-LED	Requires optional mounting	A, W	1.0/peak 0.40/avg	12	25 Scan-Lock™	6" Pigtail	SAE Class 1	1.625" (41mm) H x 5" (127mm) W x 1.75" (44mm) D (lighthead only)
50**2ZCR	Split color, horizontal mount			A/A, A/B, A/W, W/W	0.50/peak 0.20/avg per side					
5V*02Z*R	Single color, vertical mount			A, W	1.0/peak 0.40/avg					
50AA2SA2	Single color, vertical mount for truck cab		Includes Chrome flange	A						
50*03Z*R	Single color, horizontal mount	TIR6 Super-LED	Requires optional mounting	A, W	0.63/peak 0.315/avg					1.625" (41mm) H x 5" (127mm) W x 1.375" (35mm) D
50**3ZCR	Split color, horizontal mount			A/A, A/B, A/W, W/W	0.315/peak 0.125/avg per side					
5V1*	Single color, horizontal mount	V-Series™ & TIR Super-LED		A, W	1.5/peak 0.6/avg					2.125" (54mm) H x 5.375" (137mm) W x 1.625" (42mm) D
5V3*	Warning, alley/flood & puddle light, horizontal mount	V-Series Super-LED		A, W warning, steady W for alley and puddle	0.12 warning 1.0 alley light 0.5 puddle					

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

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

5GROMMET Grommet

5GBKT1 "L" Bracket

5TSMAB Surface Mount Adapter, Also Avaialbale in Chrome

5LSMAC Surface Mount Adapter, Also Avaialbale in Black

5BRUSH Brush Guard

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

600 Series

5YR | 12 | SCAN LOCK™ | HARD COAT | SAE CLASS 1

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

6RBA

60A02SAR

6SC0ENZR

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
- Visit www.whelen.com for a full list of available options

MODELS

Model	Optics	Technology	Mount	Color	Amps	VDC	Patterns	Cable	Compliance	Dimensions
6RB*	Oscillating	Rota-Beam Super-LED®	Surface	A, W, Color lens	2.2/peak, 1.1/avg	12	14 Scan-Lock™	6" Pigtail	SAE Class 1	4.188" (106mm) H x 6.563" (167mm) W x 3.438" (88mm) D
6RB*C				A, W, Clear lens						
60*02S*R	Single color steady	Single color Super-LED		A, or W						4.125" (105mm) H x 6.875" (175mm) W x 1.75" (44mm) D
60*02F*R	Single color flashing									
60C0ELZR	Gradient Opti-Scenelight™			W						
6SC0ENZR										

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

6EFLANGE
Chrome Flange

6FLANGEB
Black Flange

PLAST3V Chrome Flange, Three Light, Also Avaialbale in Poloshed Aluminum

PLAST4V Chrome Flange, Four Light, Also Avaialbale in Poloshed Aluminum

V23™ Series

5YR | 12 | SYNC | SCAN LOCK™ | HARD COAT | SAE CLASS 1

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

FEATURES

- Models have 3-in-1 180° wide-angle warning, illumination, and puddle light
- Surface mounts via two screws for easy installation
- Available with Smoked lenses

- Warning available with an internal flasher. White lights avaiale as steady-burn
- Visit www.whelen.com for a full list of available options

MODELS

Model	Optic	Technology	Color	Lens	Flasher	Patterns	Amps	VDC	Compliance	Dimensions
V23*TPB	V-Series™ (includes Black flange)	Super-LED®	A, W warning with W illumination	Clear	Built-in	26 Scan-Lock™	Warning 0.76/peak 0.30/avg, Take-down 0.62, Perimeter 0.12	12	SAE Class 1	2.688 ” (68mm) H x 4.25” (109mm) W x 1.50” (38mm) D
V23*TPC	V-Series (includes Chrome flange)									

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF 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

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

M9 Series

5YR | 12 | SYNC | SCAN LOCK™ | HARD COAT™ | SAE CLASS 1 | :SOLO™ | :DUO™

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

M9V2A side view

M9V2A

M9ACZ

M9A

FEATURES

- Available in combination warning/scenelight
- Available with Clear or color lenses
- Available in steady-burn or with an internal flasher

- Surface mounts via two screws for easy installation
- Visit www.whelen.com for a full list of available options

MODELS

Model	Optics	Technology	Colors	Lens	Flasher	Patterns	Amps	VDC	Compliance	Dimensions
M9*	Directional	Single color	A, W	Color	Built-in	159 Scan-Lock™	3/peak-1.2/avg	12	SAE Class 1	6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
M9*C				Clear						
M9F		Split color	A/W	Clear		64 Scan-Lock				
M9*S		Single color	A, W	Color	Requires flasher purchased separately	-				
M9*CS				Clear						
M92#	DUO™	Two color	A/W	Clear	Built-in	33 Scan-Lock	2.4/peak-0.96/avg			
M9*CZ	Combo	Color warning and scenelight	A/W	Clear			Warning 1.58 Scenelight 1.53			
M9V2*	V-Series™	Single color warning, White illumination	A, W	Color warning, Clear illumination		25 Scan-Lock	Warning 2.4/peak 0.96/avg scenelight 2.4 amps			6.50" (165mm) H x 10.375" (263mm) W x 2.625" (66mm) D
M9V2*C				Clear						

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

M9FC Chrome flange

M9FB Black flange

M9FC900 Chrome flange. Adaptes M9 warning to 900 Series mounting

M9FCZ900 Chrome flange. Adaptes M9 scenelight to 900 Series mounting

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

M6 & M7 Series

5YR | 12 | SYNC | SCAN LOCK | HARD COAT | R65 CLASS 1 | SAE CLASS 1

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

M6V2A Side View   M6V2A

M6A

M7A

FEATURES

- Available in single or split colors
- Available in combination warning/scenelight
- Available with Clear or color lenses
- Available in steady-burn or with an internal flasher

- Surface mounts via two screws for easy installation
- Visit www.whelen.com for a full list of available options

MODELS

Model	Optics	LED Color	Colors	Lens	Flasher	Patterns	Amps	VDC	Compliance	Dimensions
M6*	Directional	Single color	A, W	Color	Built-in	159 Scan-Lock™	2.25/peak 0.9/avg		SAE Class 1 and R65 Class 1	4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D
M6*C				Clear						
M6F		Split color	A/W	Clear		64 Scan-Lock				
M6*S		Single color		Color	Requires flasher *purchased separately*	-				
M6*CS				Clear						
M6V2*	V-Series™ Warning/perimeter illumination combo	Single color warning, White illumination	A, W	Color for warning, Clear for illumination	Built-in	Warning has 25 Scan-Lock	Warning 1.5/peak 0.60/avg perimeter 0.77	12		4.313" (109mm) H x 6.75" (170mm) W x 2.25" (57mm) D
M6V2*C				Clear						
M7*	Directional	Single color		Color	Built-in	159Scan-Lock	2.25/peak 0.9/avg			3.375" (86mm) H x 7.625" (194mm) W x 1.375" (35mm) D
M7*C				Clear						
M7F		Split color	A/W			64 Scan-Lock				
M7*S		Single color	A, W	Color	Requires flasher *purchased separately*	-				
M7*CS				Clear						

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF 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 Lightheads

M6FCV4 Chrome Flange for Four Lightheads

M6BRUSH / M7BRUSH Brush Guard

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

M2 & M4 Series

5YR | **12** | **SYNC** | **SCAN LOCK™** | **HARD COAT** | **R65 CLASS 1** | **SAE CLASS 1**

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

M4V2A
Side View

M4V2A

M4A

M2A

FEATURES

- Available in combination warning/scenelight
- Surface mounts via two screws for easy installation
- Available with Clear or color lenses

- Available in steady-burn or with an internal flasher
- Visit www.whelen.com for a full list of available options

MODELS

Model	Optic	Technology	Color	Lens	Flasher	Patterns	Amps	VDC	Compliance	Dimensions
M2*	Directional	Super-LED®	A, W	Color	Built-in	25 Scan-Lock™ including steady-burn	1/peak 0.45/avg	12	SAE Class 1, R65Class 1	2.50" (64mm) H x 4" (102mm) W x 1" (25mm) D
M2*C				Clear						
M2F			Split A/W	Clear		69 Scan-Lock				
M2W*	Wide-angle		A, W	Color		26 Scan-Lock including steady-burn				
M2W*C				Clear						
M4*	Directional		A, W	Color		125 Scan-Lock	1.5/peak 0.6/avg			3.375" (86mm) H x 5.50" (138mm) W x 1.375" (35mm) D
M4*C				Clear						
M4F			Split A/W	Clear		69 Scan-Lock				
M4*S			A, W	Color	Requires flasher (Purchased separately)	-				
M4*CS										
M4V2*	V-Series™		A, W warning with W illumination	Clear	Built-in	25 Scan-Lock	Warning 1.0/peak 0.40/avg, Perimeter 0.77			3.375" (86mm) H x 5.50" (138mm) W x 1.845" (47mm) D

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF 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

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

SurfaceMax™ Series

5YR | 12 | SCAN LOCK™ | IP67 | HARD COAT | SAE CLASS 1

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

C7LA

C6LA

C9LA

FEATURES

- Surface mount Super-LED® with full-fill optic
- Clear or color lenses
- Solid-state electronics

- Hi/Low power Optional Chrome or Black Flange
- Same mounting footprint as Hundred Series lightheads
- Visit www.whelen.com for a full list of available options

MODELS

Model	Optics	Mount	Color	Lens	Amps	VDC	Patterns	Cable	Compliance	Dimensions
C9L*	Super-LED	Surface	A, W	Color	2.5/peak 1.0/avg	12	139 Scan-Lock™ Requires optional flasher	6" Pigtail	SAE Class 1	8.125" (206mm) H x 10.125" (257mm) W x 1.563" (40mm) D
C9L*C				Clear						
C9*S				Color						
C9*SC				Clear						
C7L*				Color	1.25/peak 0.5/avg		75 Scan-Lock Requires optional flasher			4.063" (103mm) H x 8.125" (206mm) W x 1.563" (40mm) D
C7L*C				Clear						
C7*S				Color						
C7*SC				Clear						
C6L*				Color	1.3/peak 0.52/avg		75 Scan-Lock Requires optional flasher			5.125" (130mm) H x 8.313" (210mm) W x 1.563" (40mm) D
C6L*C				Clear						
C6*S				Color						
C6*SC				Clear						

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

OPTIONS - *VISIT WHELEN.COM FOR FULL LIST OF OPTIONS*

C9FC Chrome Flange, Also Available in Black C9FB

C7FC Chrome Flange, Also Available in Black C7FB

C6FC Chrome Flange, Also Available in Black C6FB

PLASC3V Chrome Flange for Three C6 Lightheads

PLASC4V Chrome Flange for Four C6 Lightheads

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Brake/Tail/ Turn Lights

5YR | **12** | **HARD COAT**

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

C9BTT

C7BTT

C6BTT

M9BTTX

M6BTT

20R00XRR

40BTT

PSR00XRR

FEATURES

• Fully encapsulated
• Visit www.whelen.com for a full list of available options

MODELS

Model	Optics	Technology	Mount	Color	Lens	Amps	VDC	Cable	Dimensions
20R00XRR	4" Round	LED	Requires optional mounting			0.4/high 0.4/low	12	6" Pigtail	4.25" (108mm) Dia.
M6BTT	M6 Series			R		0.85/brake 0.06/tail			4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D
M9BTTX	M9 Series		Surface			0.75/brake 0.55/tail			6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
40BTT	400 Series					0.375/brake 0.040/tail			3.188" (77mm) H x 4.938" (124mm) W x 2.75" (69mm) D
C6BTT	C6 Series			R	R	0.40/brake 0.050/tail			5.125" (130mm) H x 8.313" (210mm) W x 1.563" (40mm) D
C6BTTC					C				
C7BTT	C7 Series	SurfaceMax Super-LED™	Surface		R	0.80/brake 0.050/tail			4.063" (103mm) H x 8.125" (206mm) W x 1.563" (40mm) D
C7BBTC					C				
C9BTT	C9 Series				R	0.350/brake 0.040/tail			8.125" (206mm) H x 10.125" (257mm) W x 1.563" (40mm) D
C9BBTC					C				
PSR00XRR	Strip-Lite™	LED			R	0.5 high/0.05 low			1" (25mm) H x 11.50" (292mm) W x 1.375" (35mm) D

Turn Signals

5YR | **12** | **HARD COAT**

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

C9T

C7T

C6T

M9T

M6T

40A00AAR

FEATURES

- Surface mount
- Arrows may be mounted left or right
- Visit www.whelen.com for a full list of available options

MODELS

Model	Optics	Technology	Mount	Color	Lens	VDC	Amps	Patterns	Cable	Dimensions
M6T	M6 Series	LED			Clear		0.75/peak	8		4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D
M9T	M9 Series				Clear		1.2/peak			6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
40A00AAR	400 Series		Surface mount		Color		0.4/peak 0.06/avg	2		3.188" (77mm) H x 4.938" (124mm) W x 2.75" (69mm) D
C6T	C6 Series		Optional mounting available	A	Color	12	0.460/peak 0.180/avg		6" Pigtail	5.125" (130mm) H x 8.313" (210mm) W x 1.563" (40mm) D
C6TC					Clear					
C7T	C7 Series	SurfaceMax™ Super-LED			Color		0.420/peak 0.170/avg	6		4.063" (103mm) H x 8.125" (206mm) W x 1.563" (40mm) D
C7TC					Clear					
C9T	C9 Series				Color		0.720/peak 0.280/avg			8.125" (206mm) H x 10.125" (257mm) W x 1.563" (40mm) D
C9TC					Clear					

Back-Up Lights

5YR | **12** | **HARD COAT**

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

M9BUW

C7BU

M6BUW

5GC00WCR

70C00VCR

C6BU

60C00VCR

70C00WCR

60C00WCR

FEATURES

- Fully encapsulated
- Visit www.whelen.com for a full list of mounting hardware

MODELS

Model	Optics	Technology	Color	Amps	VDC	Patterns	Cable	Dimensions
5GC00WCR	5mm	Super-LED®		0.28				3.188" (81mm) H x 7.438" (189mm) W x 1.25" (32mm) D
60C00VCR	600 Series	Super-LED Minimum Intensity		1.5				4.125" (105mm) H x 6.50" (165mm) W x 1.75" (44mm) D
60C00WCR		Super-LED Maximum Intensity		2				
70C00VCR	700 Series	Super-LED Minimum Intensity		2				3.063" (78mm) H x 7.25" (184mm) W x 1.75" (44mm) D
70C00WCR		Super-LED Maximum Intensity		2				
M6BUW	M6 Series			2				4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D
M7BUW	M7 Series	Super-LED	W	2.25/peak 0.9/avg	12	Steady	6" Pigtail	3.375" (86mm) H x 7.625" (194mm) W x 1.375" (35mm) D
M9BUW	M9 Series			6				6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
C6BU	C6	SurfaceMax™ Maximum Intensity		0.83				5.125" (130mm) H x 8.313" (210mm) W x 1.563" (40mm) D
C6BUL		SurfaceMax Minimum Intensity		0.125				
C7BU	C7	SurfaceMax Maximum Intensity		.5				4.063" (103mm) H x 8.125" (206mm) W x 1.563" (40mm) D
C7BUL		SurfaceMax Minimum Intensity		.15				
C9SL	C9	SurfaceMax		3.6				8.133" (207mm) H x 10.128" (257mm) W x 2.001" (51mm) D

W White Illumination

Arges® Remote Spotlight

2YR MOTOR ONLY **5YR** **12** **PROCLERA®** **ProFocus.** **WECAN X.**

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
- The 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
- The all-new control head features a paddle and three push-buttons
- Program Arges with Whelen Command™ or use alone with its paired control head
- The full Arges system passes CISPR 25 Class 3

MODELS

Model	Description
ARGES1	5° Spot Light with Proclera Silicone Optic
ARGES2	Profocus, select from spot/flood combination light or flood light from the control head
ARGCH1	Control head for Arges
ARGFMKT	Arges kit, includes Arges1 spotlight and ARGCH1 control head, and ARGFM flat mount
ARG49D	2019 Chevy Silverado 1500, driver side fender mount
ARG45BD	2017-2019 Chevy Silverado 2500/3500, driver side fender mount
ARG49BD	2020 Chevy Silverado 2500/3500, driver side fender mount
ARG45D	2015-2019 Chevy Tahoe, driver side fender mount
ARG44D	2015-2019 Dodge Durango, driver side fender mount
ARG47BP	2019-2020 Ford F-250/F-350/F-450/F-550 Super-Duty driver side fender mount
ARG47BD	2019-2020 Ford F-250/F-350/F-450/F-550 Super-Duty passenger side fender mount
ARGFM	Flat mount

Pioneer Micro™

5YR | **12** | **IP67** | **HARD COAT**

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

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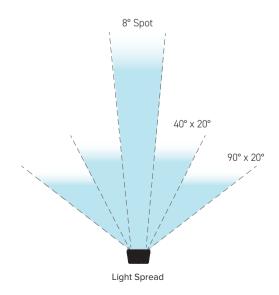MPPB   MPRW   MPPBCS

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 current inrush

- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 72" cable
- Five mounts available:
    - Powder-coated stainless steel bail bracket with 0.375" stud carriage bolt mount
    - Recessed 90° angle mount with Chrome flange
    - Recessed 15° angle mount with Chrome flange
    - Pole/pedestal mount with handle available with or with out On/Off switch
    - Low profile pedestal mount available with Chrome or Black back cover, with or without On/Off switch

MODELS

Model	Mount	Housing	VDC	Lumens	Dimensions
MPBW	Bail/stud	White		5,695	4.625" (118mm) H (w/bracket) x 2.875" (73mm) D x 4.75" (121mm) W
MPBB	Bail/stud	Black		5,695	
MPPW	Low profile pedestal/swivel	White		5,695	
MPPWCS	Low profile pedestal/swivel	White		5,695	8.688" (220mm) H x 3.75" (82mm) D x 5.063" (129mm) W
MPPB	Low profile pedestal/swivel	Black		5,695	
MPPBBS	Low profile pedestal/swivel	Black	12	5,695	
MPPBCS	Low profile pedestal/swivel	Black		5,695	
MPRW	Straight recessed	White		5,695	6.938" (176mm) H x 2.563" (65mm) D x 7.688" (195mm) W
MPRB	Straight recessed	Black		5,695	
MPR15W	15 Degree recessed	White		5,695	6.938" (176mm) H x 2.563" (65mm) D x 7.688" (195mm) W
MPR15B	15 Degree recessed	Black		5,695	
MPR15B	15 Degree recessed	Black		5,695	

8° Spot

40° x 20°

90° x 20°

Light Spread

WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Pioneer Nano™

5YR **12** **IP67** **HARD COAT**

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

P Download Pioneer™ Designer for full list of available options whelen.com/eng_apps
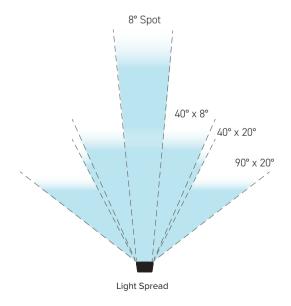
NP3BW   NP6BB

FEATURES

- 8° spotlight pattern comes standard. Includes additional optic lens for a light pattern choice 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 current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 72" cable
- Powder-coated stainless steel bail bracket with 0.375" stud carriage bolt mount
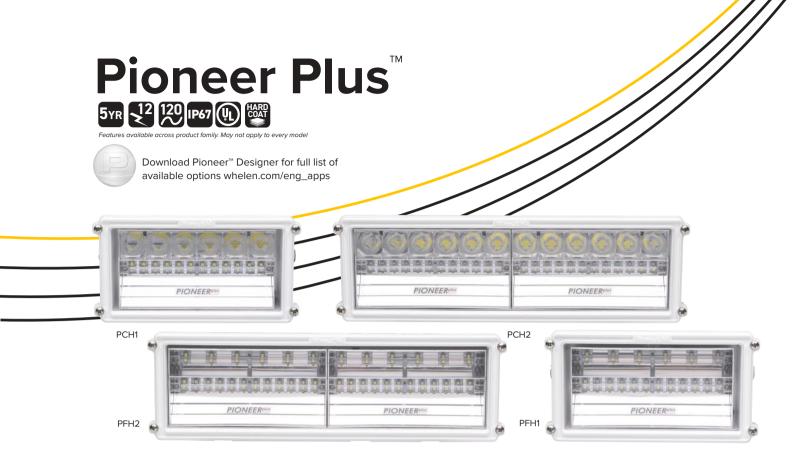
MODELS

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

8° Spot

40° x 8°

40° x 20°

90° x 20°

Light Spread

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.
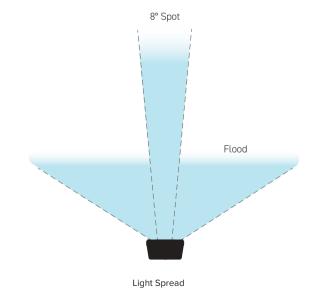
Pioneer SlimLine™

5YR | **12** | **IP67** | **HARD COAT**

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

P Download Pioneer™ Designer for full list of available options whelen.com/eng_apps

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 current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 72" cable
- Powder-coated stainless steel bail bracket

MODELS

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

8° Spot

40° x 20°

Light Spread

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Pioneer Plus™

5YR | **12** | **120** | **IP67** | **UL** | **HARD COAT**

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

Download Pioneer™ Designer for full list of available options whelen.com/eng_apps

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 current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Powder-coated stainless steel bail bracket
- DC models includes 240"cable, AC models include 12" wire leads

MODELS

Model	Panels	Description	VDC	Lumens	Dimensions
PFH1	Single	Floodlight	12	10,130	4.25" (108mm) H x 3" (77mm) D x 8.188" (208mm) W
PCH1	Single	Combination flood/spot		10,130	
PFH2	Dual	Floodlight		20,261	4.25" (108mm) H x 3" (77mm) D x 14.063" (357mm) W
PCH2	Dual	Combination flood/spot		20,261	
PFP1AC	Single	Floodlight, 115 VAC	115	10,130	4.25" (108mm) H x 3" (77mm) D x 8.188" (208mm) W
PSP1AC	Single	Spot Light, 8°, 115 VAC		10,130	
PFP2AC	Dual	Floodlight, 115 VAC		20,261	4.25" (108mm) H x 3" (77mm) D x 14.063" (357mm) W
PCP2AFS	Dual	Combination flood/spotlight, 115 VAC		20,261	
PCP2ASF	Dual	Combination spot/floodlight,		20,261	
PCP3	Max	Max combination flood and 8° spotlight		19.305	-
PCP3A	Max	Max combination flood and 8° spotlight		19,819	

8° Spot

Flood

Light Spread

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Pioneer Plus™ Surface Mount

5YR · **12** · **120** · **UL** · **IP67** · **HARD COAT**

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

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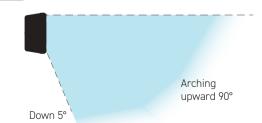
PCPSM1C   PCPSM2B

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 current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light

- Includes 72" 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

MODELS

Model	Panels	Description	Flange	VDC	Lumens	Dimensions
PCPSM1C	Single	Combination flood/spot	Chrome		10,444	
PCPSM1B	Single	Combination flood/spot	Black		10,444	6.375" (162mm) H x 1.75" (44mm) D x 9" (228mm) W
PCPSM1AC	Single	Combination flood/spot, 115 VAC	Chrome	12	11,231	
PCPSM1AB	Single	Combination flood/spot, 115 VAC	Black		11,231	
PCPSM2C	Dual	Combination flood/spot	Chrome		20,888	
PCPSM2B	Dual	Combination flood/spot	Black		20,888	6.375" (162mm) H x 1.75" (44mm) D x 16.25" (412mm) W
PCPSM2AC	Dual	Combination flood/spot,	Chrome	115	22,462	
PCPSM2AB	Dual	Combination flood/spot	Black		22,462	

Arching upward 90°

Down 5°

Light Spread

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Pioneer Summit™

5YR **12** **IP67** **HARD COAT** **PROCLERA** SILICONE OPTICS

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

P Download Pioneer™ Designer for full list of available options whelen.com/eng_apps

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 30" cable, connector, and heat shrink tubing

MODELS

Model	Illumination	Warning	VDC	Height x Depth	Length
S86MB		NA			
S86MAB		4 Amber			86" (218cm)
S86MRB		NA			
S72MB		NA		2.48" (6.3mm) H x 2.15" (5.5mm) D	
S72MAB	Scene/Flood	4 Amber	12		72" (183cm)
S72MRB		4 Red			
S58MB		NA			
S58MAB		4 Amber			58" (147cm)
S58MRB		4 Red			
S44MB		NA			
S44MAB		2 Amber			44" (112cm)
S44MRB	Scene/Flood	2 Red			
S30MB		NA		2.48" (6.3mm) H x 2.15" (5.5mm) D	
S30MAB		2 Amber	12		30" (76cm)
S30MRB		2 Red			
S161MB	Flood	NA			16" (41cm)
S162MB	Spot	NA			
S091MB	Flood	NA			9" (23cm)
S092MB	Spot	NA			

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

Pioneer LiFe™ Series

5YR | **12 ⚡** | **IP67** | **HARD COAT**

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

P Download Pioneer™ Designer for full list of available options whelen.com/eng_apps

LF35

FEATURES

- Includes Floodlight lens and 8° TIR spotlight lens
- 100% solid-state electronics
- 5700°K color temperature simulates bright midday light
- Impact resistant glass
- Reinforced Safety Yellow nylon housing
- Adjustable ratcheting mechanism allows for a 180° range of uninterrupted light
- Up to 3.5 hours of runtime at full intensity

- Up to 7 hours of runtime in Battery Saver Mode
- Automatic dimming when battery gets low
- 4-5 hour full charge time
- Rated for more than 2000 charging cycles
- Short circuit and thermal protection
- Wireless Intelligent Inductive Charger (IIC™)
- AC charging is available with adapter:
    - .5 amps average at 115 VAC
    - .25 amps average at 240 VAC

MODELS

Model	Description	Lumens	Dimensions
LF35	Light: 12 VDC	5,103	
LF35A	Light: 115-240 VAC, with NEMA plug for U.S.	5,103	
LF35E	Light: 240 VAC, CEE7 plug for Europe	-	
LF28	Light: 12 VDC, with rechargeable LiFePO Battery	-	7.59" (19.3cm) H x 9.17" (23.3cm) W x 9.20" (23.4cm) D
LA28	Light: 12 VDC, with rechargeable lead acid battery	-	
LF28A	Light: 115 - 240 VAC, with rechargeable LiFePO battery, & standard NEMA plug for U.S.	-	
LA28A	Light: 115 - 240 VAC, with rechargeable lead acid battery, & standard NEMA plug for U.S.	-	
LF35BASE	Base only, no charger	NA	-
LF35CB12	Charging base: 12 VDC	NA	-
LF35CBAC	Charging base: 115-240 VAC, with standard NEMA plug for U.S.	NA	-
LF35CBAE	Charging base: 240 VAC, with CEE7 plug for Europe	NA	-
LF35TPM	Pole mount adapter: for 1-1/8" poles, with LF35BASE	NA	-

Scenelights

5YR **12** **HARD COAT**

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

M9LZC

7SC0ENZR

M6ZC

70C0ELZR

6SC0ENZR

9SC0ENZR

M7ZC

C9SL

PELCB

FEATURES

- Instant on with no warm-up time
- Visit www.whelen.com for a full list of available mounting hardware

MODELS

Model	Optics	Technology	Mount	Color	Amps	VDC	Patterns	Cable	Dimensions
6SC0ENZR	600 Series		Surface		1.5				4.125" (105mm) H x 6.50" (165mm) W x 1.75" (44mm) D
60C0ELZR			Recess		2				
7SC0ENZR	700 Series		Surface		2				3.063" (78mm) H x 7.25" (184mm) W x 1.75" (44mm) D
70C0ELZR			Recess		2				
9SC0ENZR	900 Series		Surface, includes Chrome flange		6				7.125" (181mm) H x 9.125" (232mm) W x 1.75" (44mm) D
M6ZC	M6 Series	Super-LED®			2				4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D
M7ZC	M7 Series		Surface	W	2.25/ peak 0.9/avg	12	Steady	6" Pigtail	3.375" (86mm) H x 7.625" (194mm) W x 1.375" (35mm) D
M9LZC	M9 Series		Surface, includes Chrome flange		6				6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
C9SL	C9	SurfaceMax™			3.6				8.133" (207mm) H x 10.128" (257mm) W x 2.001" (51mm) D
PELCC	Perimeter enhancement light	Super-LED	Surface		0.370				2.25" (56mm) H x 7.875" (201mm) W x 1.625" (42mm) D
PELCB									

Interior Lighting

5YR **12** **HARD COAT**

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

86CE1

5GC0CCCR

20C0CDCR

F18PC

PSCOMPL

PSCOMPH

T0CACCCR

FEATURES

- Visit www.whelen.com for a full list of available mounting hardware

MODELS

Model	Optics	Technology	Mount	Amps	VDC	Cable	Dimensions
86CE1	Rectangular interior dome	Super-LED®	Requires cut-out, includes flange	2/high 0.20/low		6" Pigtail	6.438"(163mm) H x 8.188"(208mm) W x 1.25" (32mm) D
T0CACCCR	2" Round compartment	5mm LED	Surface	0.025			2" (51mm) Dia.
20C0CDCR	2G Series (4" round) compartment	Super-LED 12 diode	Surface mount requires optional mounting	0.360		6" Pigtail with Deutsch® connector	4" (102mm) Dia.
20C0CDCD							
5GC0CCCR	5G Series compartment	Super-LED	Includes Black grommet, requires optional mounting	0.525			3.188" (81mm) H x 7.438" (189mm) W x 1.50" (38mm) D
PSCOMPL	Strip-Lite™ Plus compartment	6 diode LED		0.240	12		1" (25mm) H x 11.50" (292mm) W x 1.375" (35mm) D
PSCOMPH		12 diode LED		0.480			
F09PC	Fluorent Plus™ compartment tube lighting	Super-LED	Surface	0.06		6" Pigtail	.625" (16mm) H x 9" (228mm) W
F18PC				0.125			.625" (16mm) H x 18" (457mm) W
F27PC				0.16			.625" (16mm) H x 27" (686mm) W
F36PC				0.18			.625" (16mm) H x 36" (914mm) W
F45PC				0.24			.625" (16mm) H x 45" (114cm) W
F54PC				0.32			.625" (16mm) H x 54" (137cm) W
F63PC				0.42			.625" (16mm) H x 63" (160cm) W

Interior Lighting

5YR | **12** | **HARD COAT**

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

8" Round Lightheads

6" Round Lightheads

3" Round Lightheads

700 Series

FEATURES

- Visit www.whelen.com for a full list of available mounting hardware

MODELS

Model	Optics	Technology	Mount	Housing	Switch	Amps	VDC	Cable	Dimensions
3SC0CDCR	3" Round LED	Compartment White	Surface	Rubber gasket housing	-	0.380	12	6" Pigtail	3" (76mm) Dia.
3SR0CDRR		Nighttime illumination, Red				0.300			
3SBCCDCR		Compartment split Blue/White				0.310			
3SRCCDCR		Compartment split Red/White							
60C0EHCR	6" Round Super-LED®	Compartment 18 diode, White	Surface	-	-	1.2/high 0.13/low			6" (152mm) Dia. x 625" (16mm) D
60C0EJCS		Compartment 6 diode, 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			Backlighted dual switches for On/Off color and White	0.35/White 0.50/Red 2mA/switch			3.063" (78mm) H x 7.25" (184mm) W x 1.25" (31mm) D
80C0EHCR	8" Round Super-LED ambulance light	18 Diode, White	Recessed	Chrome flange	Built-in Hi/Low intensity	1.2/high 0.13/low			8.625" (218mm) Dia. x 1" (24mm) D
80C00EZR		18 Diode, White	Recessed	White flange					
8WC00EZR									
80CBEHCR		6 White diodes, 3 Blue diodes	Recessed	Chrome flange		1.5/White 0.50/color			
80CREHCR		6 White diodes, 3 Red diodes							

Illumination & Marker or Clearance Lights

5YR **12** **HARD COAT**

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

0AC0EDCR

0SC0EDCR

T0A00MAR

0SR00MCR

0SA00MCR

T0R00MRR

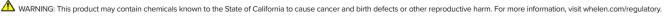## FEATURES

- 0S™ Series includes Chrome housing. It's 45° angle illuminates step surfaces and areas needing angled lighting. Interior or exterior use
- 0S 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

MODELS

Model	Optics	Technology	Application	Mount	Color	Lens	Housing	Amps	VDC	Patterns	Compliance	Dimensions
0SC0EDCR	0S Series	LED	White illumination	Surface	W	Clear	Chrome	0.3	12	Steady	-	1" (25mm) H x 1.50" (38mm) W x 0.5" (13mm) D
0AC0EDCR											-	1" (25mm) H x 1.845" (48mm) W x 0.875" (21mm) D
0SA00MCR			Marker or clearance		A						FMVSS108	1" (25mm) H x 1.50" (38mm) W x 0.5" (13mm) D
0SR00MCR					R							
T0A00MAR	2" Round				A	A	-	0.8/max 0.5/avg			-	2" (51mm) Dia.
T0R00MRR					R	R					-	

⚠ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

PAR Replacement Lamps

5YR | **12** | **24** | **HARD COAT**

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 for a full list of available mounting hardware

MODELS

Model	Optics	Technology	Application	Mount	Color	Lens	Housing	Amps	VDC	Patterns	Dimensions
P46SLC			2° Spotlight					2.3			5.625" (144mm) Dia x 2.688" (69mm) D
P46FLC	PAR-46		8° Spotlight	Drop-in replacement for outdated halogen spotlight lamps	W	Clear	Black powder coated die-cast aluminum heatsink	1.9	12	Steady	5.625" (144mm) Dia x 1.813" (46mm) D
P46WLC		Super-LED®	20° x 60° Floodlight								
P36SLC	PAR-36		2° Spotlight					0.85	12	Steady	4.50" (111mm) Dia. x 2" (51mm) D
								0.425	24		

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PAR-36

5YR | **12** | **HARD COAT**

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

PFBS12
front

PFBS12
back

FEATURES

- Floodlight or spotlight models
- Black cast aluminum housing
- Indexing locking lever on pedestal swivel
- Super-LED® with low current draw

- Stainless steel bracket and hardware included
- Two intensities available
- Visit www.whelen.com for a full list of available options

MODELS

Model	Diodes	Optics	Housing	VDC	Dimensions
PFBP12	12	Floodlight	Black		
PFBP12C	12	Floodlight	Black with Chrome rear cover		
PFBP6	6	Floodlight	Black		
PFBP6C	6	Floodlight	Black with Chrome rear cover		
PFBS12	12	Floodlight	Black		
PFBS12C	12	Floodlight	Black with Chrome rear cover		
PFBS6	6	Floodlight	Black		
PFBS6C	6	Floodlight	Black with Chrome rear cover		
PFBS6S	6	Floodlight	Black with switch		
PFBS12S	12	Floodlight	Black with switch	12	6.375" (162mm) H x 3" (76mm) D x 5" (128mm) W
PSBP12	12	Spotlight	Black		
PSBP12C	12	Spotlight	Black with Chrome rear cover		
PSBP6	6	Spotlight	Black		
PSBP6C	6	Spotlight	Black with Chrome rear cover		
PSBS12	12	Spotlight	Black		
PSBS12C	12	Spotlight	Black with Chrome rear cover		
PSBS6	6	Spotlight	Black		
PSBS6C	6	Spotlight	Black with Chrome rear cover		
PSBS6S	6	Spotlight	Black with switch		
PSBS12S	12	Spotlight	Black with switch		

Handheld Spot/ Floodlights

5YR | **12** | **10-30** | **HARD COAT**

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

P36HHS

P46HHS

FEATURES

- 90# pull magnet mount with 8' coiled cord and cigar plug
- Built-in push-button On/Off switch
- Visit www.whelen.com for a full list of available options

MODELS

Model	Description	VDC	Dimensions
P36HHS	PAR-36, Super-LED® handheld combination spotlight/floodlight	10-30	9.375" (239mm) H x 3.5" (88mm) D x 4.625" (117mm) Dia.
P46HHS	PAR-46, Super-LED handheld spotlight	12	10.5" (270mm) H x 3.75" (94mm) D x 6" (152mm) Dia

Rubber Housing Spot/ Floodlights

5YR | **12** | **10-30**

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
- Visit www.whelen.com for a full list of available options

MODELS

Model	Description	VDC	Dimensions
P36SLCHG	PAR-36, combination spotlight/floodlight	12 / 24	5.5" (139mm) H x 3.75" (94mm) D x 4.813" (122mm) Dia
P46SLCHG	PAR-46, spotlight	12	10.5" (270mm) H x 3.75" (94mm) D x 6" (152mm) Dia

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W Controls, Flashers, & Alarms

Power Controls Centers

2YR | **12**

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

PCC10W

WCC9

PCCS9RW

PCC6W

PCC8

PCC4W

FEATURES

- Backlit function windows
- Handheld or mounted to the dash or console
- Includes LED "On" indicator

- Visit www.whelen.com for a full list of available switch panel models

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 1 four position dip switch programmable slide switch	6 On/Off, momentary 20 amp relays	11 Fast-on outputs, 4 pos AMP Mate-N-Lok®-for control, 2 pos Molex Mini Fit SR®- for power		1.625" (40mm) H x 6.25" (159mm) D x 6" (152mm) L
PCCS9LW	Economical control center for use with Freedom®, & Liberty II™ lightbars		6 On/Off, 1 programmable On/Off switch	1 Nine position and 5 conductor AMP Mate-N-Lok connector, to match lightbar cables		1.625" (40mm) H x 4" (102mm) D x 6" (152mm) L
PCC4W	SPST, Lighted switches	4	25 amp	5 Wires power input, 5 wires output		2.25" (57mm) H x 4" (102mm) D x 3.25" (83mm) L
PCC6W		6	(6) 25 amp	8 Position rear connector block	12	2.25" (57mm) H x 3.625" (92mm) D x 6.625" (168mm) L
PCC6W1			(5) 25 amp, 1 momentary			
PCC10W		10	20 amp			
PCC10W1			(9) 20 amp, 1 momentary			
PCC8R	Eight position key pad with remote relay box	8	(3) 20 amp relays and (5) 10 amp relays	8 Position rear connector block, supplied wiring harness		Relay Box: 1.25" (32mm) H x 4.75" (121mm) D x 7.25" (184mm) L Control head same as WCC9
WCC9	Electronic control for Freedom and Justice® WeCan® Lightbars	6 Push-buttons and 1 four position dip switch programmable slide switch for 10 primary functions	6 Normally open, momentarily closed tactile switches with 3-position slide switch	Small diameter, 22 gauge, 2-C cables, mates to your WeCan lightbar for easy installation		2.50" (64mm) H x 0.875" (22mm) D x 4.188" (106mm) L
WCC92	Electronic control for Liberty II and Legacy® WeCan Lightbars					

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Flashers

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

UFM8

ULF44

UHF2150A

SSFPOS

FEATURES

- Polycarbonate housing
- Visit www.whelen.com for a full list of available options

MODELS

Model	Usage	Solid-State	Outlets	Switching	Amps	VDC	Patterns	Dimensions
SSFPOS	Positive switching headlights	100%	2 Outlets	1x1	12.5 Per outlet	12	7	0.875" (22mm) H x 2" (50mm) W x 2.75" (70mm) D
UHF2150A	Positive or negative switching headlights						4	1.50" (38mm) H x 4.25" (108mm) W x 3" (76mm) D
ULF44	LED lighthead	Controlled relay output	4 Outlets 4 Channels	2x2	5 Per outlet		62 Alt/simul	0.75" (26mm) H x 2.75" (70mm) W x 3.50" (89mm) D
UFM8	Halogen/LED lighthead		4 Outlets	2x2x2x2			17	0.75" (26mm) H x 2.75" (70mm) W x 3.50" (89mm) D

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SmartLogic™ Programmable Flasher

5YR   12   DIAG   SCAN LOCK™

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

Model	Usage	Solid-State	Outlets	Switching	Amps	VDC	Patterns	Dimensions
SLFLASH	Auxiliary LED lightheads	100%	8	Programmable	5 Per outlet	12	64	3.375" (86mm) H x 6.375" (162mm) W x 3.375" (86mm) D

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Electronic Back-Up Alarms

1YR **10-30**

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

WBUA97
WBUA107

WBUA112C

FEATURES

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

MODELS

Model	Decibels	Compliance	Dimensions
WBUA97	97	SAE J994 - Type C	2.75" (69mm) H x 1.50" (38mm) D x 4" (102mm) L
WBUA107	107	SAE J994 - Type B	2.75" (69mm) H x 1.50" (38mm) D x 4" (102mm) L
WBUA112C	112	SAE J994 - Type A	4" (101mm) H x 2.845" (73mm) D x 5.125" (130mm) L

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Lighting Compliance

KKK 1822-F - Federal Ambulance Specification

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

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 Signals 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

Index

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