COMMERCIAL FLEET PRODUCTS

SAFETY LIGHTS AND ACCESSORIES

WHELEN ENGINEERING COMPANY, INC.

WHELEN®

MANUFACTURED IN AMERICA

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

To download WeCad™, Whelen Command®, and Pioneer™ Designer go to whelen.com/software-downloads

@WhelenENG

About Whelen

Whelen Engineering designs and manufactures reliable and powerful warning lights, white illumination lighting, sirens, controllers, and high-powered warning systems for Automotive and Mass Notification industries worldwide.

Whelen products have been proudly designed and manufactured in America since 1952. With quality as the foundation, Whelen celebrates innovative engineering with every product made.

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

Chester, Connecticut facility

Charlestown, New Hampshire facility

Warranty Disclaimer

WeCanX® models have a 10-year warranty on I/O boards and lightheads. WeCan® models have a 2-year warranty on I/O boards and a 10-year warranty on lightheads. Low Current models have a 5-year warranty on I/O boards and a 10-year warranty on lightheads. These warranties go into effect January 1, 2024.

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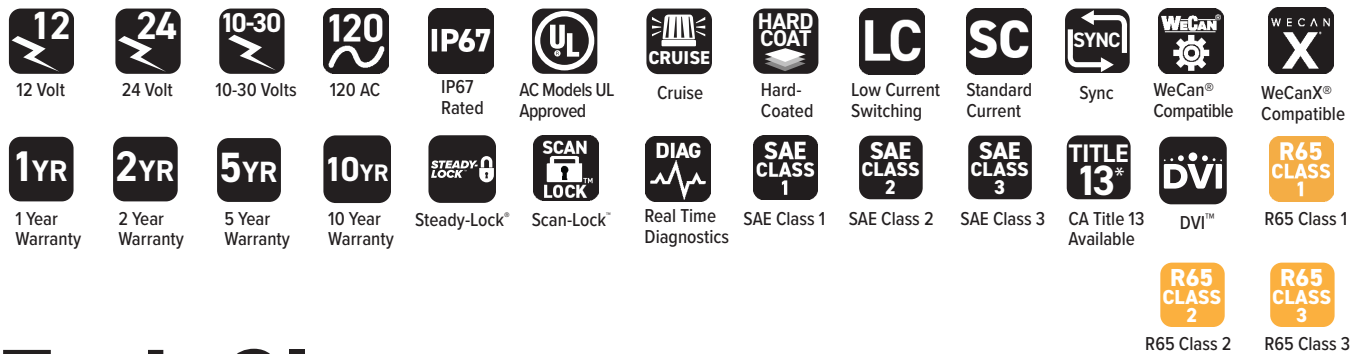
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⚠️ WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit whelen.com/regulatory.

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
WECAN X	WeCanX® Compatible
1YR	1 Year Warranty
2YR	2 Year Warranty
5YR	5 Year Warranty
10YR	10 Year Warranty
STEADY-LOCK	Steady-Lock®
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
DVi	DVI™
R65 CLASS 1	R65 Class 1
R65 CLASS 2	R65 Class 2
R65 CLASS 3	R65 Class 3

Tech Glossary

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.

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

DUO™
Two-color interleaved LEDs

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

DYAD™
Two-level technology

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

E Block™
Whelen's patented E Block technology protects against the elements by creating a watertight seal around a unit's stranded wires to prevent moisture from entering the lighthead.

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.

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

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

ProFocus™
Whelen's innovative single optic LED technology that can be customized and programmed as a spotlight or floodlight, with no moving parts.

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

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

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

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

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

SOLO™
Single-color LEDs

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.

Steady-Lock®
A time-saving feature that allows Whelen's most popular warning lightheads to be set to Steady automatically when used with a CenCom Core® system.

Super-LED®
Whelen's innovative LED technology

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

TIR™ - (Total Internal Reflection)
Whelen's optimized use of the latest generation of LEDs and unique reflector optics to produce highly intense light that can be directional in nature.

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

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

WeCan®
Whelen's proprietary CAN-based communication system

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

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

BEACON SERIES

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.

R316AF

R416AF

FEATURES

- 100% solid-state "rotating" technology simulates the appearance of a rotating beacon without any moving parts or motors
- Smooth polycarbonate outer dome
- Virtually no RFI/EMI radiation
- Powder-coated die-cast aluminum base
- Conformal coated electronics for moisture and vibration resistance
- Available in permanent, magnetic and magnetic/ suction mounts

Model	Mount	Profile	LED Color	Dome Color	Amps	VDC	Patterns	Compliance	Dimensions
R316*F	Permanent	Low	Single Amber or White	Amber	2.25	12	32 Scan-Lock™ With Varying Rotating Flash Rates	SAE Class 1	4" (102mm) H x 7.2" (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	Amber					4.8" (123mm) H x 6.4" (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
The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user.
Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

L40BG
Branch Guard

MIRROR20
Mirror Mount Bracket

BBKT30
Shelf Mount Bracket

L360BGB
Branch Guard

L360PMKT
Pipe Mount Kit

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L31 & L32 Series

| 5YR | 12 | 24 | SCAN T LOCK | 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.

L31HAF

L32LAF

FEATURES

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

Model	Mount	Profile	LED Color	Amps	VDC	Patterns	Control	Compliance	Dimensions
L31H*F	Permanent	High	Amber or White	4.0/Peak, 1.6/Avg	12	Permanent Mount 69 Built-In Scan-Lock™ Flash Patterns Plus 4 Simulated Rotating Patterns Magnetic Mount SignalAlert™ 75 Only	Hi/Low Control	SAE Class 1	4" (102mm) H x 7.19" (182mm) Dia.
L31H*M	Magnetic						-		
L31H*V	Magnetic/ Suction								
L31HAF4	Permanent		Amber		24		Hi/Low Control	CA T13	
L31HAFCA									
L31HAMCA	Magnetic				12		-		
L31HAVCA	Magnetic/ Suction								
L31HMF	Permanent		Amber/Blue					SAE Class 1	
L31HPF			Amber/Green						
L32L*F		Low	Amber or White	2.0/Peak, 0.8/Avg	24		Hi/Low Control	SAE Class 1	2.63" (67mm) H x 7.19" (182mm) Dia.
L32L*M	Magnetic						-		
L32L*V	Magnetic/ Suction								
L32LAF4	Permanent		Amber				Hi/Low Control		

* Replace symbol in model number with letter indicating desired color: A = Amber, C = White
Clear dome models are available. Consult price list for ordering information.
The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user.
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OPTIONS

MIRROR20 Mirror
Mount Bracket

BBKT30
Shelf Mount Bracket

L360BGB
Branch Guard

L360PMKT
Pipe Mount Kit

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L41 Series

5YR · **12** · **24** · **SYNC** · **SCAN T LOCK** · **HARD COAT** · **SAE CLASS 1**

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

FEATURES

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

L41AP

OPTION

L40BG
Branch Guard

Model	Mount	LED Color	Amps	Patterns	Compliance	Dimensions
L41*P	Permanent	Amber or White	1.5/Peak, 0.6/Avg @ 12VDC .75/Peak, 0.3/Avg @ 24VDC	SignalAlert™ 75 Default 25 Selectable, Including Steady-Burn	SAE Class 1	4.75" (121mm) H x 6.44" (164mm) Dia.
L41*M	Magnetic					
L41*V	Magnetic/Suction					

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

L50 Series

5YR · **12** · **SYNC** · **SCAN T LOCK** · **SAE CLASS 1** · **SAE CLASS 3**

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

FEATURES

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

L51AM

L51AP

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

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

OPTION

MIRROR15
Mirror Mount Bracket

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L10 Series

[5YR] [12] [24] [SYNC] [SCAN LOCK] [SAE CLASS 1] [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™

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

* Replace symbol in model number with letter indicating desired color: A = Amber, C = White
# Replace symbol in model number with letter indicating color combo desired: F = Amber/White, M = Blue/Amber, P = Amber/Green
Clear dome models are available. Consult price list for ordering information.
The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user.
Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

MIRROR20
Mirror Mount Bracket

BBKT20
Shelf Mount Bracket

BGH
Branch Guard High

BGL
Branch Guard Low

DH2000A
Fresnel Dome High

DL2000A
Fresnel Dome Low

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L21 & L22 Series

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

L21LAM

L22HAP

FEATURES

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

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

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

OPTIONS

MIRROR20
Mirror Mount Bracket

BBKT20
Shelf Mount Bracket

BGH
Branch Guard High

BGL
Branch Guard Low

DH2000A
Fresnel Dome High

DL2000A
Fresnel Dome Low

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LIGHTBARS

Freedom® IV DUO™ & DYAD™ Series

Download WeCad™ for models and options

| 2YR | 5YR | 10YR | 12⚡ | LC | SC | WeCan | X | SCAN T LOCK | HARD COAT | SAE CLASS 1 | SOLO™ DUO+ |

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

F4W4AAAA with directional modules

FEATURES

- Linear Super-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and protects against 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 included
- Available with Clear, Smoked, or Color lens
- Brake/Tail/Turn option available
- See page 81 for switching options

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Models	Technology	Modules	LED Color	VDC	Compliance	Dimensions	Length
F4X4****	Low Current	4 Single-Color	Blue, Amber or White	12	SAE Class 1	3.75" (95mm) H x 12.5" (318mm) W	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)
K4W4****	WeCanX®	4 Single or Two-Color Over/Under	Red, Blue, Amber and/or White				44.5" (113cm)
K4W8****							49" (125cm)
K4W2****							55" (140cm)
K4W0****							60" (152cm)
K4W7****							72" (183cm)
K424####		4 DUO™	Amber/White, Blue/Amber, or Amber/Green				44.5" (113cm)
K428####							49" (125cm)
K422####							55" (140cm)
K420####							60" (152cm)
K427####							72" (183cm)
F424####	WeCan						44.5" (113cm)
F428####							49" (125cm)
F422####							55" (140cm)
F420####							60" (152cm)
F427####							72" (183cm)

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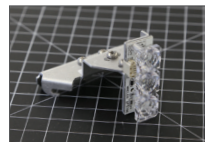
OPTIONS

F4TL6
(2) 6-LED Take-Downs
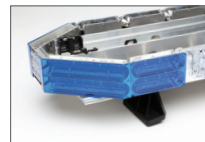
F4DL*
(1) Long
12-LED Lighthead

F4DS*
(1) Short 6-LED Lighthead

F4A6
(2) 6-LED Alley Lights

F4A3
(2) 3-LED Alley Lights

Color Filters, Corner,
Long & Short

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Liberty™ II Series

2YR | 5YR | 10YR | ⚡12 | LC | SC | WeCan✲ | WECAN X | ⫽⫽⫽ CRUISE | HARD COAT | SAE CLASS 1 | PROCLERA SILICONE SERIES | ❙SOLO™ ❙to DUO+

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

FEATURES

- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and protects against 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 lens
- Brake/Tail/Turn option available
- See page 81 for switching options
- Pre-configured models come with mounting bracket, MKEZ29

IW2AAAA with Directional Modules

Pre-Configured Lightbars

Front

Front

Front
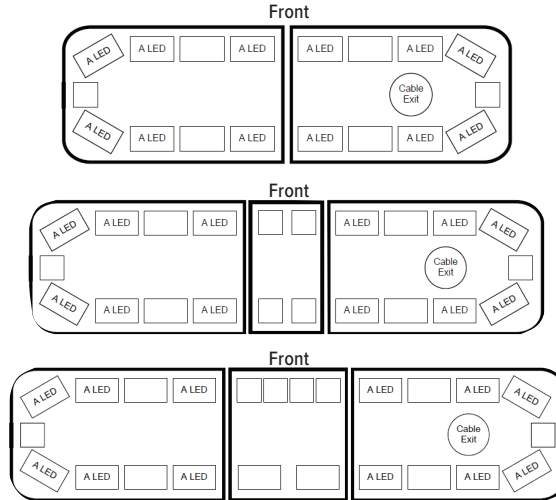
Model	Design	Technology	LED Color	VDC	Compliance	Dimensions	Length
IX48A6	Pre-Configured (See Diagrams)	SOLO™	Amber	12	SAE Class 1	2.5" (64mm) H x 11.31" (287mm) W	44" (110cm)
IX54A6							48" (123cm)
IX59A6							54" (136cm)
IX4****	Configurable		Blue, Amber or White				44" (110cm)
IX8****							48" (123cm)
IX2****							54" (136cm)
IW4****		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
Consult current price list for full list of available options at whelen.com/literature.
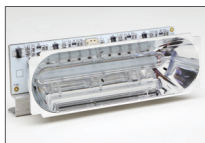
OPTIONS

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, Long And Short

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Edge® 9X Series

5YR **12** **24** **SAE CLASS 1** **HARD COAT** **WECAN X** **:DUO™**

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

Download WeCad™ for models and options

9SX8AAAA

FEATURES

- Powered by WeCanX® technology
- DUO™ Linear12™ LED and DUO Linear6™ LED Warning & Scene Take-Down/Alley
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Photocell included
- Passenger side cable exit

- Advanced Thermal Design improves LED performance during extended operation
- Molded polycarbonate Black top repels hail and protects against other environmental damages
- Standard mounting feet

Model	LED Color	VDC	Compliance	Dimensions	Length
EDGE 9SX Series					
9SX5####	4 Two-Color Amber, Blue and/or White	12/24	SAE Class 1 Certified	Short: 1.86" (48mm) H x 11.52" (293mm) W	25" (64cm)
9SX3####					31" (79cm)
9SX6####					36" (92cm)
9SX4####					43" (110cm)
9SX8####					48" (123cm)
9SX2####					54" (136cm)
9SX0####					59" (150cm)
EDGE 9TX Series					
9TX5####	4 Two-Color Amber, Blue and/or White	12/24	SAE Class 1 Certified	Tall: 2.71" (69mm) H x 11.52" (293mm) W	25" (64cm)
9TX3####					31" (79cm)
9TX6####					36" (92cm)
9TX4####					43" (110cm)
9TX8####					48" (123cm)
9TX2####					54" (136cm)
9TX0####					59" (150cm)

OPTIONS

Models	Description
9SXDL#	One DUO™ Color Long Super-LED® Lighthead, Red, Blue, Amber and/or White
9SXDL***	One Long Super-LED Lighthead, Split-Color Primary Warning with Full-Color Secondary Warning for Center Mount on 31", 43" and 54" Lightbars Only
9SXTW*	One DUO Color Super-LED Take-Down or Alley Light, Amber/White, Blue/White, White/White or Red/White
9SXT	Super-LED® Take-Down or Alley Lights, White, Pair
9TXDL#	One DUO Color Long Super-LED Lighthead, Red, Blue, Amber and/or White
9TXDL***	One Long Super-LED Lighthead, Split-Color Primary Warning with Full-Color Secondary Warning for Center Mount on 31", 43" and 54" Lightbars Only
9TXTW*	One DUO Color Super-LED Take-Down or Alley Light, Amber/White, Blue/White, White/White or Red/White
9TXT	Super-LED® Take-Down or Alley Lights, White, Pair
9SXDSCBL	Driver Side Cable Exit
CCP	Core™ Control Point for use with WeCanX® Devices when NOT using CenCom Core®

* Replace symbol in model number with letter indicating color desired: A = Amber, B = Blue, C = White, R = Red
\# Replace in model number with letter indicating color desired: D = Red/White, E = Blue/White, F = Amber/White, M = Blue/Amber
Consult current price list for full list of available options at whelen.com/literature

WHELEN®
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Legacy® Series

2YR 5YR 10YR | 12 | DIAG | WeCan | WECAN X | SAE CRUISE | HARD COAT | R65 CLASS 1 | SAE CLASS 1 | PROCLERA SILICONE SERIES | SOLO™ DUO+™

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

GB2AAAA with Directional Modules

FEATURES

- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and protects against 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 lens
- Brake/Tail/Turn option available
- See page 81 for switching options

Model	Technology	LED Color	VDC	Compliance	Dimensions	Length
ES4****	SOLO™	Blue, Amber or White	12	SAE Class 1 and R65 Class 1	1.63" (41mm) H x 11.31" (287mm) W	43.25" (110cm)
ES8****						48" (123cm)
ES2****						53.75" (137cm)
GS4****						43.25" (110cm)
GS8****						48" (123cm)
GS2****						53.75" (137cm)
EB4****	DUO+™	Blue, Amber and/or White				43.25" (110cm)
EB4####						43.25" (110cm)
EB8****						48" (123cm)
EB8####						48" (123cm)
EB2****						53.75" (137cm)
EB2####						53.75" (137cm)
GB4****						43.25" (110cm)
GB4####						43.25" (110cm)
GB8****						48" (123cm)
GB8####						48" (123cm)
GB2****						53.75" (137cm)
GB2####						53.75" (137cm)

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

OPTIONS

GBA
(2) Alley Lights

GBTS
(2) Short 3-LED
Take-Downs

GBTL
(2) Long 6-LED
Take-Downs

WHELEN®
MANUFACTURED IN AMERICA

Justice® Series

5YR | 10YR | 12 | LC | HARD COAT | X | SC | SAE CLASS 1 | ISOLO™

Download WeCad™ for models and options

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

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 lens
- Brake/Tail/Turn option available
- See page 81 for switching options
- Pre-configured models come with mounting bracket, MKEZ29

Model	Design	Modules	LED Color	VDC	Compliance	Dimensions	Length
JEF8AMB	Pre-Configured (See Diagrams)	4 Corner Linear-LED® and 14 CON3™	Amber	12	SAE Class 1	2.25" (57mm) H x 12" (305mm) W	50" (127cm)
JEF2AMB		4 Corner Linear-LED and 16 CON3					56" (143cm)
JC4****	Configurable	4 Corner Linear-LED	Blue, Amber and/or White				44" (112cm)
JC8****							50" (127cm)
JC2****							56" (143cm)
JE4****							44" (112cm)
JE8****							50" (127cm)
JE2****							56" (143cm)

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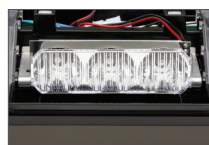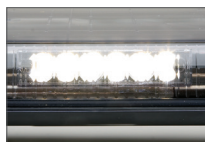
OPTIONS

JDC*
(1) CON3™ Module With
Spreader Optics

JDL*
(1) Full LIN6™
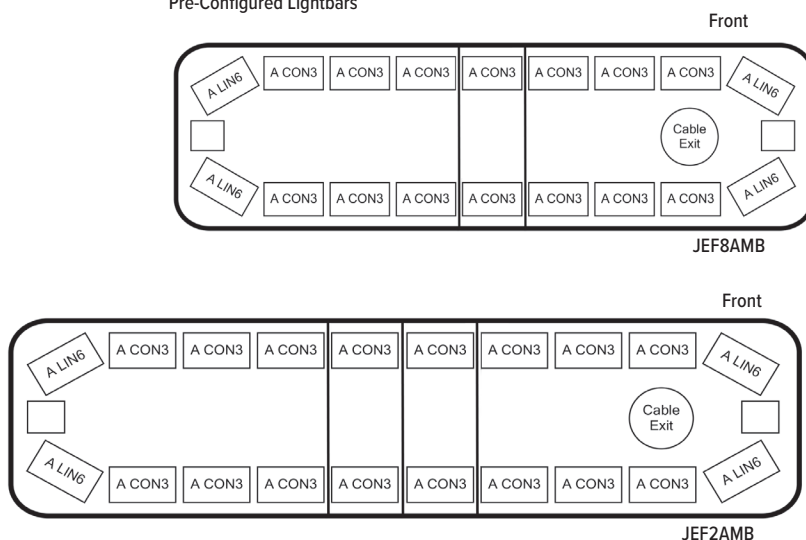

JALF1
(2) LR11 Alley Lights

JWLLED2
(2) Work Lights

JATLS1 (2) LR11
Take-Down Lights

Pre-Configured Lightbars

Front

JEF8AMB

Front

JEF2AMB

WHELEN®
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Towman's™ Series

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

Download WeCad™ for models and options

TOWMAN'S™ JUSTICE® LIGHTBARS

JF01AAAA

• JF01AAAA has OEM "U" bracket mounting with plug & play harness
• JF02AAAA has OEM "U" bracket mounting with plug & play harness plus identification light

TOWMAN'S FREEDOM® IV SERIES

F40BAAAA

TOWMAN'S LIBERTY™ II SERIES

PROCLERA®
SILICONE OPTICS

IW0BAAAA

TOWMAN'S JUSTICE COMPETITOR™ SERIES

JF0BAAAA

TOWMAN'S CENTURY™ SERIES

CW0BAAAA

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⚠ 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.

FEATURES

- SAE Class 1 Certified
- Liberty™ II models feature Whelen's Proclera® Silicone Optics for increased clarity (available in work lights)
- Front/rear warning lights are separately controlled
- Includes rear-facing LED brake/tail/turn signals

- 3 adjustable slide bolt mounts
- Many options available, consult price list and/or WeCad™ software
- 12 VDC

Model	Series	Modules	Inboard Warning Lights	Base	Lens Color	Patterns	Dimensions	Length
F40BAAAA	Freedom® IV	4 Linear-LED® Corners, 2 Super-LED® Work Lights, 2 LED Brake/Tail/Turn Lights	8 Amber Economy LED (2 Front/6 Rear)	Extruded Aluminum	Clear	12 Scan-Lock™	3.75" (94mm) H x 12.5" (318mm) W	60" (154cm)
IW0BAAAA	Liberty II		6 Amber Linear-LED (2 Front/4 Rear)			WeCan®	2.5" (64mm) H x 11.31" (287mm) W	
CW0BAAAA	Century™		4 Amber Linear-LED (2 Front/2 Rear)	Extruded Aluminum I-Beam	Color Lenses Standard	52 Scan-Lock	2.25" (57mm) H x 12" (304mm) W	
JF0TAAAA	Justice®		Optional*	Black Polycarbonate Base on Extruded Aluminum Platform	Clear Outer Standard, Color Available		2.25" (57mm) H x 12" (304mm) W	62.37" (158cm)
JF0BAAAA			6 Amber CON3™*					
JF0DAAAA			Amber CON3* & Traffic Advisor™					
JF01AAAA			6 Amber CON3 & B/T/T					
JF02AAAA			6 Amber CON3 & B/T/T					
JF0FAAAA		Work Lights Added	14 Amber CON3 & B/T/T					

* Note: Can also add options.

OPTIONS

Liberty II Options	
Model	Description
IWDLA	Long 6 Super-LED Lighthead, Amber
IWDSA	Short 3 Super-LED Lighthead, Amber

Century Options	
Model	Description
CEDLXA	One LIN12™, Amber
CDT6A	One TIR6™, Amber

Freedom IV Options	
Model	Description
F4EDLA	One Single-Color Long Economy DYAD™ Lighthead, Amber

Justice Options	
Model	Description
JDCA	One CON3

WHELEN®
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MINI LIGHTBARS

Responder® HD Series

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

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

R10HDPA

R10HDVA

FEATURES

- Universal permanent mount easily retrofits most competitive model footprints
- Permanent bolt mount supplied with 6" pigtail cable
- Magnetic and magnetic/suction mounts supplied with 10' straight cord and cigar plug with built in On/Off switch with LED "On" indicator and pattern control switch

Model	Technology	Mount	Base	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
R10HDP*	Super-LED®	Permanent	Aluminum	Amber or White	9.0/Peak, 3.6/Avg	12	55 Scan-Lock™	SAE Class 1	17.25" (438mm) L x 5.13" (130mm) H x 6.31" (160mm) W
R10HDM*		Magnetic					75 SignalAlert™		
R10HDV*		Magnetic/Suction							

* Replace symbol in model number with letter indicating desired color: A = Amber, C = White
The use of a magnetic or suction mounted product on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user.

WHELEN®
MANUFACTURED IN AMERICA

Responder® R1LP Series

5YR | 12 | SCAN T LOCK | SYNC | SC | 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.

R1LPPA

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 mounts

R1LPVF

Model	Technology	Mount	Base	LED Color	Dome Color	Amps	VDC	Patterns	Compliance	Dimensions
R1LPPA	CON3 Super-LED	Permanent	Poly-carbonate	Amber	Amber	3.0/Peak, 1.2/Avg	12	55 Scan-Lock™ Including 4 Simulated Rotating Patterns (Perm Mount Only) ActionScan™ Default For Magnetic Mount Only	SAE Class 1	17" (431mm) L x 2.88" (73mm) H x 6.31" (160mm) W
R1LPPCA					Clear					
R1LPPACA					Amber				SAE Class 1 and CA T13	
R1LPMA		Magnetic			Amber				SAE Class 1	
R1LPMCA					Clear					
R1LPVA		Magnetic/Suction			Amber					
R1LPVCA					Clear					
R1LPHPA		Permanent	Aluminum		Amber					17" (431mm) L x 3.25" (82mm) H x 6.31" (160mm) W
R1LPHPCA					Clear					
R1LPHMA		Magnetic			Amber					
R1LPHMCA					Clear					
R1LPHVA		Magnetic/Suction			Amber					
R1LPHVCA										
R1LPPF		Permanent	Poly-carbonate	Split-Color Amber/White	Clear					17" (431mm) L x 2.88" (73mm) H x 6.31" (160mm) W
R1LPMF		Magnetic								
R1LPVF		Magnetic/Suction								
R1LPPP		Permanent		Split-Color Amber/Green						

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

WHELEN®
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Responder® R2LP Series

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

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.

RDLPPAB DUO™

R2LPMF

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 mounts
- DUO™ model features two-color interleaved LEDs in the same module allowing for individual control of each color

Model	Technology	Mount	Base	LED Color	Dome Color	Amps	VDC	Patterns	Compliance	Dimensions
R2LPPA	LIN6 Super-LED	Permanent	Poly-carbonate	Amber	Amber	6.0/ Peak, 2.4/ Avg	12	55 Scan-Lock™ Including 4 Simulated Rotating Patterns (Perm Mount Only) ActionScan™ Default For Magnetic Mount Only	SAE Class 1	17" (431mm) L x 2.88" (73mm) H x 6.31" (160mm) W
R2LPPCA					Clear					
R2LPPACA					Amber				SAE Class 1 and CA T13	
R2LPPA4					Amber		24			
R2LPMA		Magnetic			Amber					
R2LPMCA					Clear					
R2LPVA		Magnetic/ Suction			Amber					
R2LPVCA					Clear					
R2LPHPA		Permanent	Aluminum		Amber					17" (431mm) L x 3.25" (82mm) H x 6.31" (160mm) W
R2LPHPCA					Clear					
R2LPHMA		Magnetic			Amber					
R2LPHMCA					Clear					
R2LPHVA		Magnetic/ Suction			Amber		12			
R2LPHVCA										
R2LPPF		Permanent	Poly-carbonate	Split-Color Amber/White	Clear					17" (431mm) L x 2.88" (73mm) H x 6.31" (160mm) W
R2LPMF		Magnetic								
R2LPVF		Magnetic/ Suction								
R2LPPM		Permanent		Split-Color Amber/Blue						
R2LPPP				Split-Color Amber/Green						
RDLPPAB	DUO LIN6 Super-LED			DUO Amber/ Blue				33 Scan-Lock		
RDLPPAG				DUO Amber/ Green						

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

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Mini Century™ Series

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

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

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

Model	Technology	Mount	Base	LED Color	Dome Color	Amps	VDC	Patterns	Compliance	Dimensions
MC11PA		Permanent				3.6/Peak, 2.2/Avg				11.5" (292mm) L x 2.4" (61mm) H x 7.74" (197mm) W
MC11MA		Magnetic		Amber						
MC11SA		0.75" (19mm) Stud								
MC16PA		Permanent			Amber					
MC16MA		Magnetic		Amber						16.56" (421mm) L x 2.4" (61mm) H x 7.74" (197mm) W
MC16VA	Corners: Linear Super-LED®	Magnetic/Suction				4.8/Peak, 3.0/Avg				
MC16SA		0.75" (19mm) Stud								
MC16PF		Permanent	Extruded Aluminum Platform				12	17 Scan-Lock	SAE Class 1	
MC16MF		Magnetic		Amber/White	Clear					
MC16VF	Inboards: TIR6™ Super-LED	Magnetic/Suction								
MC16SF		0.75" (19mm) Stud								
MC23PA		Permanent								
MC23MA		Magnetic		Amber	Amber					
MC23VA		Magnetic/Suction								23.25" (591mm) L x 2.4" (61mm) H x 7.74" (197mm) W
MC23SA		0.75" (19mm) Stud				7.2/Peak 4.4/Avg				
MC23MF		Magnetic								
MC23PF		Permanent		Amber/White	Clear					
MC23VF		Magnetic/Suction								

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

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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.

Download WeCad™ for models and options

MJEG1A

FEATURES

- Super-LED® CON3™ modules and Linear Super-LED corners
- Permanent mount supplied with 15' cable
- Magnetic and magnetic/suction mounts supplied with 10' cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch
- Low-profile, only 2.25" high

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

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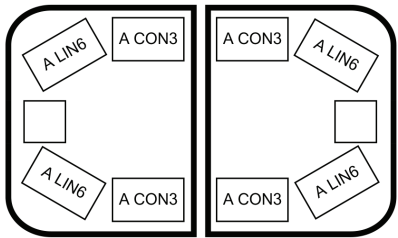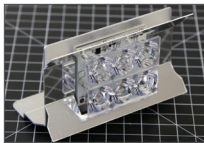
OPTIONS

JDC*
(1) CON3 Module With Spreader Optics

JDH*
(1) LTR3™ Take-Down

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

Pre-Configured Lightbar

A LIN6 · A CON3 · A CON3 · A LIN6
A LIN6 · A CON3 · A CON3 · A LIN6

MJEP1A

WHELEN®
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22

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 | SOLO™

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

F4MAAAAP with directional modules

FEATURES

- Linear Super-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and protects against 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
- Magnetic mount supplied with 10' cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch

Model	Technology	Design	Mount	Base	LED Color	Dome Color	Amps	VDC	Patterns	Compliance	Dimensions
F4MAAAAP	Linear Super-LED	Pre-Configured (See Diagram)	Permanent	Extruded Aluminum I-Beam	Amber	Clear	4	12	67 Scan-Lock™ and SignalAlert™ 75 Default for Magnetic Mount	SAE Class 1 and R65 Class 1	21.5" (546mm) L x 3.75" (95mm) H x 12.5" (318mm) W
F4M****P		Configurable			Amber or White						
F4M****M			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
The use of a magnetic or suction mounted product on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user.
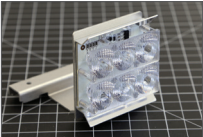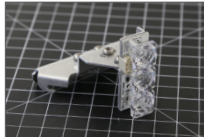Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

F4DL*
(1) Long 12-LED Lighthead
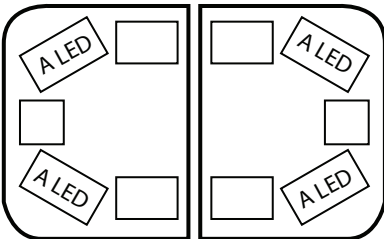
F4MTL6
(2) 6-LED Take-Downs

F4MA6
(2) 6-LED Alley Lights

F4MA3
(2) 3-LED Alley Lights

Pre-Configured Lightbar

A LED | A LED
A LED | A LED

F4MAAAAP

WHELEN®
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Mini Edge® 9X Series

5YR | **12** | **24** | **SAE CLASS 1** | **HARD COAT** | **WECAN X** | **DUO**

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

Download WeCad™ for models and options

9TX5FFFF

FEATURES

- Powered by WeCanX® technology
- DUO™ Linear12™ LED and DUO Linear6™ LED Warning & Scene Take-Down/Alley
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Photocell included
- Passenger side cable exit

- Advanced Thermal Design improves LED performance during extended operation
- Molded polycarbonate Black top repels hail and protects against other environmental damages
- Standard mounting feet

Model	LED Color	VDC	Compliance	Dimensions	Length
EDGE 9SX Series					
9SX5####	4 Two-Color Amber, Blue and/or White	12/24	SAE Class 1 Certified	Short: 1.86"(48mm) H x 11.52"(293mm) W	25" (64cm)
EDGE 9TX Series					
9TX5####	4 Two-Color Amber, Blue and/or White	12/24	SAE Class 1 Certified	Tall: 2.71" (69mm) H x 11.52" (293mm) W	25" (64cm)

OPTIONS

Models	Description
9SXDL#	One DUO™ Color Long Super-LED® Lighthead, Red, Blue, Amber and/or White
9SXTW*	One DUO Color Super-LED Take-Down or Alley Light, Amber/White, Blue/White, White/White or Red/White
9SXT	Super-LED® Take-Down or Alley Lights, White, Pair
9TXDL#	One DUO Color Long Super-LED Lighthead, Red, Blue, Amber and/or White
9TXTW*	One DUO Color Super-LED Take-Down or Alley Light, Amber/White, Blue/White, White/White or Red/White
9TXT	Super-LED® Take-Down or Alley Lights, White, Pair
9SXDSCBL	Driver Side Cable Exit
CCP	Core™ Control Point for use with WeCanX® Devices when NOT using CenCom Core®

* Replace symbol in model number with letter indicating color desired: A = Amber, B = Blue, C = White, R = Red
\# Replace in model number with letter indicating color desired: D = Red/White, E = Blue/White, F = Amber/White, M = Blue/Amber
Consult current price list for full list of available options at whelen.com/literature

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⚠ 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** · **SOLO™**

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

Download WeCad™ for models and options

IT9AAAAP with directional modules

FEATURES

- Linear-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and protects against other environmental damages
- Extruded aluminum platform
- Center dividers with liquid injection molded seals protect internal components from water intrusion
- One piece uni-dome construction with a single sealing point assures lightbar integrity in all weather conditions

- Proclera® Silicone Optics (available in take-down lights)
- Available with Clear, Smoked, or Color domes
- Permanent mount features a low-profile mounting kit
- Magnetic mount includes 90 lb pull magnets
- Magnetic and magnetic/suction mounts supplied with 10' cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch

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

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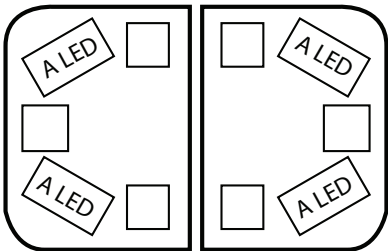
OPTIONS

IWDS*
(1) Short Lighthead

ITTS
(2) 6-LED Take-Downs

ITA
(2) Alley Lights

Pre-Configured Lightbar

IT9AAAAP

WHELEN®
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Mini Legacy® Series

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

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

Download WeCad™ for models and options

GT9AAAAM

FEATURES

- Linear Super-LED® technology
- Advanced Thermal Design improves LED performance during extended operation
- Aluminum top repels hail and protects against 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 lens
- Permanent mount features a low-profile mounting kit
- Magnetic mount includes 90 lb pull magnets
- Magnetic and magnetic/suction mounts include 10' cord, cigar plug with On/Off switch and Scan-Lock™ flash pattern switch

Model	Mount	LED Color	VDC	Patterns	Compliance	Dimensions
GT9****P	Permanent			67 Scan-Lock™ and	SAE Class 1	19.38" (490mm) L x
GT9****M	Magnetic	Amber or White	12	SignalAlert™ 75 Default	and	1.6" (41mm) H x
GT9****V	Magnetic/Suction			For Magnetic Mount	R65 Class 1	11.31" (287mm) W

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

OPTIONS

GTA
(2) Alley Lights

GTTS
(2) Short 3-LED Take-Downs

Municipal Systems

5YR · 12 · SCAN T 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

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

System 702 - 3 Light System
One L31 remote beacon with rear 700 Series lightheads

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

System 710 - 4 Light System
Two stainless steel Micro 400 lightheads with rear 700 Series lightheads

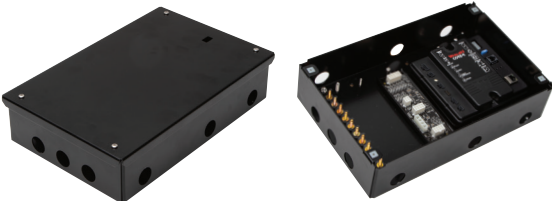| Model	Description	Compliance
SYS710A	Warning	SAE Class 1
SYS710B	Warning and Brake/Tail/Turn	
SYS710D	Warning, Brake/Tail/Turn, and Back-Up	

CORE-R™ DOT SYSTEM

5YR · 12 · SCAN T LOCK · SAE CLASS 1 · WECANX X

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

Core-R DOT is a vehicle control system engineered to enhance first responder and motorist safety with complete configurability, advanced automation, and remote connectivity. All the benefits and features of Core-R are housed in a durable junction box to protect control system components and wiring from harsh environments and weather typically experienced by DOT vehicles. Its modular design makes installation on a municipal vehicle quick and easy with parts designed to be installed in various locations throughout a vehicle.

- Powered by WeCanX®
- Supports any combination of up to 99 WeCanX devices
- Seamlessly integrates with Whelen Command® software
- Remote firmware updates through USB-C with Whelen Command or over-the-air with Whelen Cloud Platform®
- Optional modules are available to further enhance flexibility and safety like DVI™ and V2V Sync

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QuickFit™

2YR

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

Shown in White

Shown in black with OE Brake Light

FEATURES

- Mounts a variety of emergency lighting without any vehicle damage, including Whelen beacons and the following mini lightbars: Responder® LP/HD, Mini Century™, Mini Liberty™ II, and Mini Legacy®
- Vehicle-specific vacuum-formed install kits provide a perfect fit
- Available with a durable steel or powder-coated aluminum construction in Black or White
- Bolt-on installation system with fixed brackets requires no cutting or drilling, providing peace of mind when used on both leased trucks and aluminum roof structures

- Quickly and easily mounts using the screw holes of the vehicle's third brake light
- Third brake light remounts to the QuickFit platform
- Wiring is simple to install through the existing third brake light opening, without removing the headliner
- QuickFit is designed to keep a level mounting surface for the life of the install
- Includes mounting bracket
- Usable mounting area is approximately 7.25" (184.15mm) W x 17.25" (433mm) L

Model	Description
QFFORD1	Ford F-150 2015-2023, F-150 Lightning 2022-2023, F-250/F-350 Super Duty, 2017-2023, Black Aluminum Housing*
QFFORD1W	Ford F-150 2015-2023, F-150 Lightning 2022-2023, F-250/F-350 Super Duty, 2017-2023, White Aluminum Housing*
QFFORD1S	Ford F-150 2015-2023, F-150 Lightning 2022-2023, F-250/F-350 Super Duty, 2017-2023, Black Steel Housing (Will Work with Magnetic Mount Lights)
QFFRD1SW	Ford F-150 2015-2023, F-150 Lightning 2022-2023, F-250/F-350 Super Duty, 2017-2023, White Steel Housing (Will Work with Magnetic Mount Lights)
QFRAM2	Ram 1500 Classic, 2019-2021, Black Powder-Coated Aluminum Housing*
QFRAM2W	Ram 1500 Classic, 2019-2021, White Powder-Coated Aluminum Housing*
QFRAM2S	Ram 1500 Classic, 2019-2021, Black Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
QFRAM2SW	Ram 1500 Classic, 2019-2021, White Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
QFGM2	Chevy Silverado 1500/2500/3500 with Spoiler, 2019-2023, Black Powder-Coated Aluminum Housing*
QFGM2W	Chevy Silverado 1500/2500/3500 with Spoiler, 2019-2023, White Powder-Coated Aluminum Housing*
QFGM2S	Chevy Silverado 1500/2500/3500 with Spoiler, 2019-2023, Black Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
QFGM2SW	Chevy Silverado 1500/2500/3500 with Spoiler, 2019-2023, White Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)

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

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TRAFFIC ADVISOR

Traffic Advisor™ Dominator™ Series
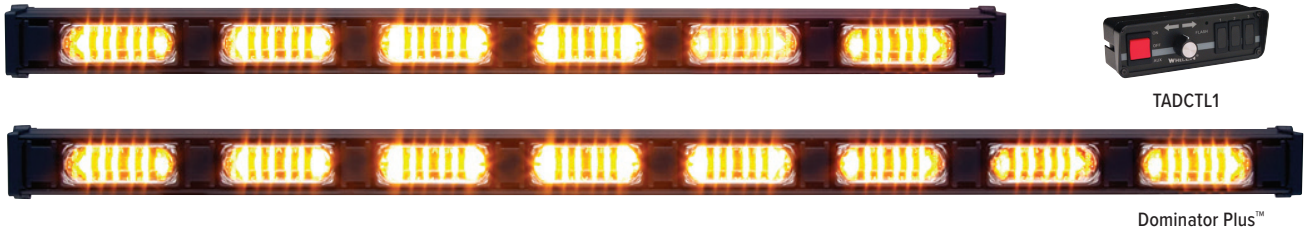
5YR **12** **ISOLO**™

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

TADCTL1

Dominator Plus™

FEATURES

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

Model	Series	Lamps	Lightheads	Control Head	VDC	Compliance	Dimensions	Length
DTA6A	Dominator	6	TIR3™ Amber	Optional TADCTL1 Control Head	12	SAE Class 1	1.75" (44mm) H x 2.19" (56mm) W	23.26" (59cm)
DTA6			Requires 6 D*					
DTA8A		8	TIR3 Amber					30.36" (77cm)
DTA8			Requires 8 D*					
DTAW8			Requires 8 D*, 6 Amber, 2 End Warning					
DPTA6A	Dominator Plus	6	LINZ6 Amber					23.26" (59cm)
DPTA6			Requires 6 DP*					
DPTA8A		8	LINZ6™ Amber					30.36" (77cm)
DPTA8			Requires 8 DP*					
DPTAW8			Requires 8 DP*, 6 Amber, 2 End Warning					
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, C = White
Consult current price list for full list of available options at whelen.com/literature.

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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
- Left arrow, right arrow, split arrow, and warning function
- Fully encapsulated
- 15' cable standard, alternate cable lengths available, contact factory

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

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

Traffic Advisor™ Flat Mount

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

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

FEATURES

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

Model	Lamps	Lightheads	Cable	Control Head	VDC	Compliance	Dimensions	Length
TAL65	6	500 Series 5mm LED	15'	Includes TACTL5 Control Head	12	SAE Class 1	2.88" (73mm) H x 2.25" (57mm) W	36" (91cm)
TAL85	8							46.88" (119cm)
TA4437M		TIR6™ 500 Series Super-LED® Two Piece					2.46" (62mm) H x 4.41 (112mm) W	21.88" (56cm)
TA4437M1			30'					
TA4437M2			50'					
TAM65	6	TIR6™ 500 Series	15'				1.75" (44mm) H x 2.19" (56mm) W	23" (58cm)
TAM85	8							30.06" (76cm)
TAM85**								

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

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Traffic Advisor™ Front Load

5YR | 12 | 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.

TACF85

TANF65

TACTL5

FEATURES

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

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

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

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 compact control head easily mounted 3 different ways: VHB Tape, Velcro®, or Permanent mount hardware
- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning function
- Rear dip switch provides 8 flash pattern choices
- 15' cable standard, alternate cable lengths available, contact factory

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

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⚠ 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™ 2200 Series

| 2YR | 10YR | ⚡10-30 | IP67 | HARD COAT | LC | SAE CLASS 1 | TITLE 13* |

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

TACTL5

FEATURES

- Utilizes powerful ION™ T-Series™ lightheads with patented E Block™ technology
- IP67 Rated
- Compatible with TACTL5 control head and CTA module
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Low current switching
- Slide bolt mount
- Includes 2 flat end caps

Model	Lamps	Lightheads	Control Head	VDC	Compliance	Dimensions	Length
TA2230F	6	Super-LED®	Includes TACTL5 Control Head	10-30	SAE Class 1 and CA T13	1.66" (42mm) H x 2.28" (58mm) W	32" (82cm) w/ Flat End Caps
TA2240F	8					1.66" (42mm) H x 2.28" (58mm) W	42" (107cm) w/ Flat End Caps

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

Traffic Advisor™ Arrows

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

Features available across product family. May not apply to every model.
*Please contact Whelen for specific photometric information regarding CA Title 13 lighthead and configurable lightbar product conformance.
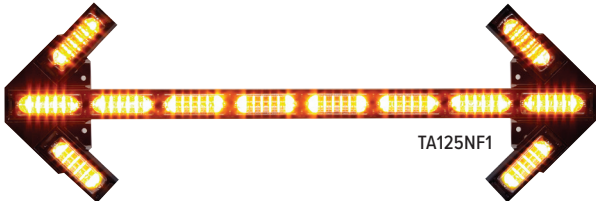
TA166AL5

TA125NF1
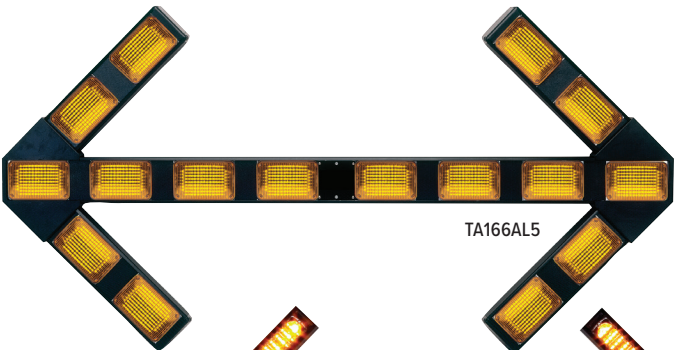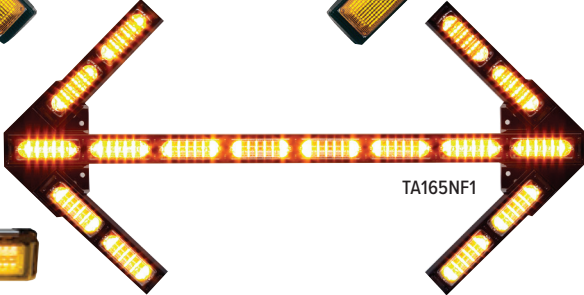
TA165NF1

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

Model	Lamps	Lightheads	Control Head	Cable	VDC	Compliance	Dimensions	Length
TA125NF1	12	500 Series Linear Super-LED®	Includes TACTL6 Control Head	25'	12	SAE Class 1	15" (381mm) H x 3.5" (89mm) W	46" (117cm)
TA125NF2				50'				
TA165NF1	16			25'			23" (584mm) H x 3.5" (89mm) W	46" (117cm)
TA165NF2				50'				
TA166AL5		600 Series		51'			36.5" (927mm) H x 4" (102mm) W	5.5" (14cm)
TA45B72	8	700 Series	Includes TACTL5 Control Head	15'		SAE Class 1 and CA T13	4.35" (111mm) H x 4.17" (106mm) W	72" (183cm)

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

WHELEN®
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LIGHT ARRAYS

WeCanX® 2250

5YR **10YR** **12** **24** **IP67** **HARD COAT** **SAE CLASS 1** **X** **:DUO™**

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

WX2280

FEATURES

- Utilizes powerful ION™ T-Series™ lightheads with patented E Block™ technology
- IP67 rated
- 3" slimmer than 4500 series
- Powered by WeCanX technology
- Functionality configurable in Whelen Command®

- Lighthead configurations easily defined within Whelen's WeCad™ Software
- DUO™ support in warning light options
- Aerial recognition option
- Includes 2 angled end caps
- Slide bolt mount

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

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

22ARLA

TCRWX6 pictured here. **Please refer to the table on page 35 for more information.**

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Tracer™ WeCanX®

10YR | **12** | **IP67** | **HARD COAT** | **SAE CLASS 1** | **WECAN X** | **DVi ENABLED** | **SOLO™ | DUO™**

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

Download WeCad™ for models and options

TCRWX5

FEATURES

- Dynamic Variable Intensity (DVI™) light patterns
- Vehicle-to-Vehicle Synchronization
- Available in SOLO™ (single-color) or DUO™ (two-color interleaved) modules
- Whelen Command® programming allows:
- DUO modules to operate with a steady override, such as White steady-burn
- Full configurability of Traffic Advisor™ functionality

- Adjustable intensity levels of cruise light control
- Mounts easily via slide bolt with vehicle specific brackets, universal "L" brackets, or under lightbar brackets
- Works with existing Tracer mounting hardware
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals

OPTION

CCP Core® Control Point for use with One or Two Tracer WeCanX® models when NOT using CenCom Core®

Model	SOLO™ Lightheads	VDC	Compliance	Dimensions	Length
TCRWX1	1 Lamp Housing and TCRWXP* SOLO™ Lighthead. "L" Bracket Mounting (2 Required) Purchased Separately				13.8" (35cm)
TCRWX2	2 Lamp Housing and TCRWXP*/TCRWXS* SOLO™ Lightheads. "L" Bracket Mounting (3 Required) Purchased Separately				26.16" (66.5cm)
TCRWX3	3 Lamp Housing and TCRWXP*/TCRWXS* SOLO™ Lightheads. "L" Bracket Mounting (4 Required) Purchased Separately	12	SAE Class 1 Certified	0.93" (24mm) H x 2.04" (52mm) D	38.53" (98cm)
TCRWX4	4 Lamp Housing and TCRWXP*/TCRWXS* SOLO™ Lightheads. "L" Bracket Mounting (5 Required) Purchased Separately				50.9" (129.5cm)
TCRWX5	5 Lamp Housing and TCRWXP*/TCRWXS* SOLO™ Lightheads. "L" Bracket Mounting (6 Required) or Vehicle-Specific Mounting Purchased Separately				63.26" (161cm)
TCRWX6	6 Lamp Housing and TCRWXP*/TCRWXS* SOLO™ Lightheads. "L" Bracket Mounting (7 Required) or Vehicle-Specific Mounting Purchased Separately				75.62" (192cm)
TCRWXP*	Primary SOLO™ Lighthead Includes Lamp Driver, One Required in Position 1, for each SOLO™ Tracer™, Blue, Amber, or White. No Charge When Ordered with the Appropriate Housing			-	-
TCRWXS*	Secondary SOLO™ Lighthead, Blue, Amber, or White. For use in Positions 2-6. No Charge When Ordered with the Appropriate Housing				
TCRWX1	1 Lamp Housing and TCRWXP# DUO™ Lighthead. "L" Bracket Mounting (2 Required) Purchased Separately				13.8" (35cm)
TCRWX2	2 Lamp Housing and TCRWX# DUO™ Lightheads. "L" Bracket Mounting (3 Required) Purchased Separately				26.16" (66.5cm)
TCRWX3	3 Lamp Housing and TCRWXP#/TCRWXS# DUO™ Lightheads. "L" Bracket Mounting (4 Required) Purchased Separately	12	SAE Class 1 Certified	0.93" (24mm) H x 2.04" (52mm) D	38.53" (98cm)
TCRWX4	4 Lamp Housing and TCRWXP#/TCRWXS# DUO™ Lightheads. "L" Bracket Mounting (5 Required) Purchased Separately				50.9" (129.5cm)
TCRWX5	5 Lamp Housing and TCRWXP#/TCRWXS# DUO™ Lightheads. "L" Bracket Mounting (6 Required) or Vehicle-Specific Mounting Purchased Separately				63.26" (161cm)
TCRWX6	6 Lamp Housing and TCRWXP#/TCRWXS# DUO™ Lightheads. "L" Bracket Mounting (7 Required) or Vehicle-Specific Mounting Purchased Separately				75.62" (192cm)
TCRWXP#	Primary DUO™ Lighthead Includes Lamp Driver, One Required in Position 1, for each DUO™ Tracer™, Amber, Blue, Red, or White. No Charge When Ordered with the Appropriate Housing			-	-
TCRWXS#	Secondary DUO™ Lighthead, Amber, Blue, Red, or White. For use in Positions 2-6. No Charge When Ordered with the Appropriate Housing				

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

⚠ 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.

WHELEN®
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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.

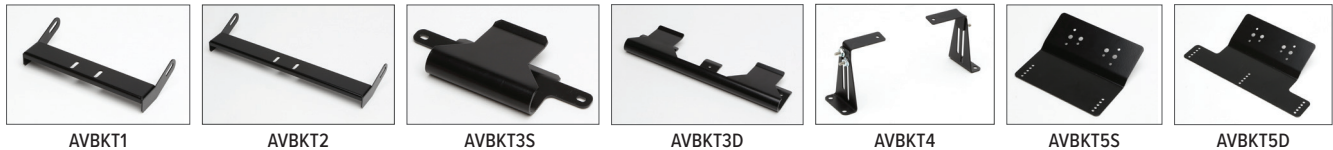AVC21AB

AVC11A

FEATURES

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

Model	Series	Lamp	LED Colors	Override	VDC	Patterns	Compliance	Dimensions (Includes Housing)
AVC11*	SOLO	Single	Amber or White		12	26	SAE Class 1	6.5" (165mm) W, Single 10.25" (260mm) W, Dual x 1.75" (44mm) H x 4.5" (144mm) D Height With Adjustable Mounting Bracket: 1.6" (41mm) to 1.9" (74mm)
AVC21**		Dual	Amber or White			55		
AVC12#	DUO	Single	Amber/White or Blue/Amber	-		26		
AVC22FF		Dual	Two Amber/White			55		
AVC22MM			Two Blue/Amber					
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
Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

AVBKT1   AVBKT2   AVBKT3S   AVBKT3D   AVBKT4   AVBKT5S   AVBKT5D

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⚠ 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 **10YR** **12** **SYNC** **SCAN LOCK** **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.

SFIONA

FEATURES

- ION Super-LED® interior dash and deck light
- Fully encapsulated for moisture, vibration and corrosion resistance
- Includes universal bracket, windshield suction cup mount
- Supplied with integral hood and 10' cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch

Model	Amps	VDC	Patterns	Compliance	Dimensions
SFION*	1.0/Peak, 0.4/Avg	12	25 Scan-Lock™	SAE Class 1 and CA T13	5.13" (130mm) W x 1.63" (41mm) H x 3.38" (86mm) D

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

FlatLighter™

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

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

FEATURES

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

FLLEDAA

Model	Amps	VDC	Patterns	Compliance	Dimensions
FLLED**	0.9/Peak, 0.38/Avg	12	21 Scan-Lock	SAE Class 1	13" (330mm) W x 4.5" (114mm) H x 1.25" (32mm) D

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

WHELEN®
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SlimLighter®

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

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

FEATURES

- TIR6™ Super-LED® interior light
- Swivel bracket for permanent or suction cup mounting included
- Supplied with 10' cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch

SLPMMAA

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

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

Slim-Miser™

5YR | 12 | SCAN LOCK | SAE CLASS 1

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

SMLLAA

FEATURES

- LED interior light
- Supplied with 10' cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch

- Swivel mount with 3 suction cups securely holds dash light to windshield, minimizing flashback

Model	Amps	VDC	Patterns	Compliance	Dimensions
SMLLAA	0.33/Peak, 0.1/Avg	12	17 Scan-Lock	SAE Class 1	12.85" (326mm) W x 1.63" (42mm) H x 2.75" (70mm) D

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Dominator™ & Dominator Plus™ Series

5YR | 12 | SCAN T 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.

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
- 8-lamp modules available with end flashers

Model	Description	Amps	VDC	Patterns	Compliance	Dimensions	Length
D2	2-Lamp, Requires Two D*	0.4/Peak, 0.16/Avg Per Lamp	12	7 Scan-Lock™	SAE Class 1	1.19" (35mm) H x 2.19" (55mm) W	7" (178mm)
D4	4-Lamp, Requires Four D*			10 Scan-Lock			14" (356mm)
D6	6-Lamp, Requires Six D*						21" (533mm)
D8	8-Lamp, Requires Eight D*						28" (711mm)
D*	TIR3 Super-LED Lighthead, Amber or White	-		-	-	-	-
DP2	2-Lamp, Requires Two DP*	0.44/Peak, 0.2/Avg Per Module		7 Scan-Lock

Pairs May Be Synchronized To Each Other | SAE Class 1 and CA T13 | 1.19" (35mm) H x 2.19" (55mm) W | 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, 0.3/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	-		-		-	-

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

WHELEN®
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LIGHTHEADS

ION™ Series

10YR | **12** | **SYNC** | **SCAN LOCK** | **STEADY-LOCK** | **IP67** | **HARD COAT** | **R65 CLASS 1** | **SAE CLASS 1** | **|SOLO™** | **|DUO™** | **|TRIO™**

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

IONA

IONSMA

ION profile

FEATURES

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

Model	Technology	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
ION*	Directional Linear Super-LED®	Amber or White	1.0/ Peak, 0.4/ Avg	12	33 Scan-Lock™	SAE Class 1 & R65 Class 1	Universal Mount: 4" (101mm) W x 1" (25mm) H x 1.25" (32mm) D Surface Mount: 5.91" (150mm) W x 1.69" (43mm) H x 1.13" (28mm) D
ION#	Directional Linear Split-Color Super-LED	Amber/Blue or Amber/White					
WION*	Wide-Angle Linear Super-LED	Amber or White					
WION#		Amber/Blue or Amber/White					
IONSM*	Directional Linear Super-LED	Amber or White					
IONSMC*							
IONSM#		Amber/Blue or Amber/White					
IONSMC#		Amber/Blue					
WIONSM*	Wide-Angle Linear Super-LED	Amber or White					
WIONSMC*							
WIONSM#		Amber/Blue or Amber/White					
WIONSMCD							
I2#	Linear DUO Super-LED	Amber/White or Amber/Blue			69 Scan-Lock		
I2SM#							
I3MC	Linear TRIO Super-LED	Blue/Amber/White			33 Scan-Lock		
I3SMMC							

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

OPTIONS

IONK1B
Swivel Mount Bracket

IONBKT1
License Plate Bracket

IONBKT2

IONBKT5
Universal Mount, Reversed

IONBKT6

IONBKT7

IONGROM
Grommet Mount Bracket

IONBKT1
Application Example

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ION™ V-Series™

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

IONSV1A

IONSV1C

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

FEATURES

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

Model	Technology	Mount	Housing	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
IONV3*	Linear Super-LED®	Universal	Black	Amber or White with White Illumination	Warning 0.77 Alley 0.31 Ground Illumination 0.12	12	33 Scan-Lock™	SAE Class 1 R65 Class 1	Surface Mount: 5.94" (150mm) W x 1.69" (43mm) H x 2" (50mm) D
IONSV3*		Surface	Black						
IONSV3*W			White						
IONSV3*C			Chrome						
IONV1*	Linear and TIR Super-LED with Directional Light	Universal	Black	Amber or White			25 Scan-Lock		Universal Mount: 4.06" (104mm) W x 1" (25mm) H x 2.19" (56mm) D
IONSV1*		Surface	Black						
IONSV1*C			Chrome						

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

OPTIONS

IONK1B
Swivel Mount Bracket

IONGROM
Grommet Mount Bracket

IONBKT1
License Plate Bracket

IONBKT5
Universal Mount, Reversed

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T-Series™

10YR | 12 | SYNC | IP67 | SCAN LOCK | STEADY LOCK | HARD COAT | R65 CLASS 1 | SAE CLASS 1 | **SOLO**™ **DUO**™ **TRIO**™

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

TLI2M

TLI2F

FEATURES

- Linear Super-LED® technology
- SOLO™ models available in single-or split-colors
- Surface mount via 2 screws for easy installation
- Black flange included

OPTIONS
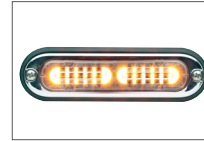
TIONFC Chrome Flange

IONBKT1 "L" Mounting Bracket

IONBKT2 License Plate Bracket

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

Model	Technology	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
TLI*	SOLO	Amber or White	0.8/Peak, 0.32/Avg	12	25 Scan-Lock™	SAE Class 1 R65 Class 1	5.14" (130mm) W x 1.49" (38mm) H x 0.52" (13mm) D
TLI#	SOLO (Split-Color)	Amber/White, Amber/Blue or Amber/Green	0.8/Peak, 0.32/Avg	12	69 Scan-Lock	SAE Class 1 R65 Class 1	
TLI2#	DUO™		0.72/Peak, 0.28/Avg		33 Scan-Lock		
TLI3KC	TRIO™	Red/Amber/White	0.72/Peak, 0.28/Avg		33 Scan-Lock	SAE Class 1	
TLI3MC		Blue/Amber/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, P = Amber/Green

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

Mini T-Series™

10YR | 12 | SYNC | STEADY LOCK | IP67 | HARD COAT | R65 CLASS 1 | SAE CLASS 1 | **SOLO**™ **DUO**™ **TRIO**™

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

FEATURES

- Linear Super-LED® technology
- Surface mount via 2 screws for easy installation
- Black flange included

TLMIA

TLMI2F

Mini T-Series profile

Model	Technology	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
TLMI*	SOLO	Amber or White	0.4/Peak, 0.16/Avg	12	25 Scan-Lock™	SAE Class 1 R65 Class 1	3.34" (85mm) W x 1.50" (38mm) H x .54" (14mm) D
TLMI2#	DUO	Amber/White or Amber/Blue	0.2/Peak, 0.08/Avg		69 Scan-Lock		
TLMI3#*	TRIO	Red/Amber/White, Red/Amber/Green, Blue/Amber/White, Blue/Amber/Green or Green/Amber/White	0.38/Peak 0.14/Avg		32 Scan-Lock		

* Replace symbol in model number with letter indicating desired color: A = Amber, C = White
# Replace symbol in model number with letter indicating color combo desired: F = Amber/White, M = Blue/Amber
#* Replace symbol in model number with letter indicating colors desired: MC = Blue/Amber/White, KC = Red/Amber/White, KG = Red/Amber/Green, PC = Green/Amber/White, MG = Blue/Amber/Green
Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

TIONMLB Surface Mount Flange/Hole Adapter, Black. Also Available In Chrome

TIONMGRM Grommet Mount Kit

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TLIA x 4 (per side) and TLMIA, pictured here.
Please refer to page 42 for more information.

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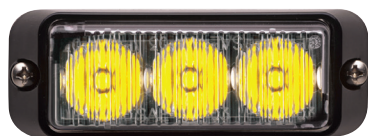CORE® FAMILY FOUND ON PAGE 82

M62T FOUND
ON PAGE 61

STRIP-LITE® PLUS ON PAGE 50

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FREEDOM® IV SERIES FOUND ON PAGE 10
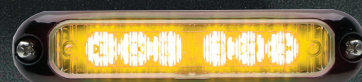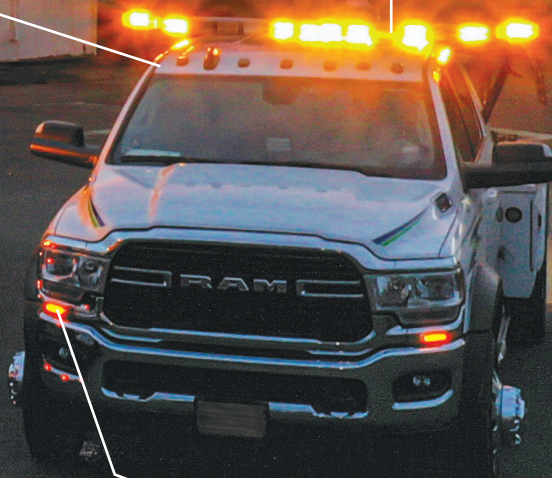
MICRON® SERIES
FOUND ON PAGE 47

TIR3™, LIN3™, LINZ6™, & LINV2™ Series

[5YR] [12] [↩] [SCAN T LOCK] [HARD COAT] [R65 CLASS 1] ¡SOLO™

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

TIR3

LIN3

LINZ6

LINV2

FEATURES

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

Model	Optics	Technology	Mount	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
RS*03ZCR	Directional	TIR3 Super-LED®	Horizontal Surface	Amber or White	0.4/Peak, 0.16/Avg	12	25 Scan-Lock™	R65 Class 1	3.6" (91mm) W x 1.3" (33mm) H x 1.32" (34mm) D
RV*03ZCR			Vertical Surface						
RS*02ZCR		LIN3 Super-LED	Horizontal Surface		0.75/Peak, 0.3/Avg				4" (102mm) W x 2" (48mm) H x 1.32" (34mm) D
LINZ6*	Split Directional	LINZ6 Super-LED							
LINZ6F				Amber/White					
LINZ61				Amber/Amber					
LINV2*	Combination Warning and Puddle Light	LINV2 Super-LED	Horizontal Surface	Amber or White	0.75/Warning, 0.12/Puddle				3.88" (99mm) W x 1.58" (40mm) H x 1.65" (42mm) D
LINSV2*			Under Surface Mounting						2.89" (73mm) W x 1.11" (28mm) H x 2.8" (71mm) D

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

OPTIONS

RFLANGCD
Chrome Flange
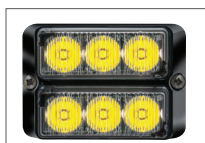
RFLANG2B
Dual Surface Mount Flange, Black or Chrome

RGROMMET
Grommet Mount Kit

RBKT1
"L" Mounting Bracket For One Lighthead

RBKT2 I
"L" Mounting Bracket For Two LIghtheads

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Vertex™ Series

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

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

VTX609A

VTX609C

OPTIONS

VTXFB
Black Flange

VTXFC
Chrome Flange

FEATURES

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

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

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

Micron™ 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.

MCRNSA

MCRNSM

FEATURES

- Surface mount via 2 screws for easy installation
- Fully encapsulated for moisture, vibration, and corrosion resistance

- 4" compact lightheads designed for use in virtually any lighting application
- Directional light pattern
- 6" pigtail cable included

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

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

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.

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0S™ Series

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

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

0SA00FCR

0SC00SCR

0AC0EDCR

FEATURES

- Fully encapsulated lamp and in-line lamp driver for moisture and vibration resistance
- Small and versatile LED lighting for virtually any area of a vehicle
- Chrome housing included
- Clear outer lens, Amber or White LEDs
- 0S Series Optics
- Surface mount via 2 screws for easy installation

Model	Application	LED Color	Amps	VDC	Patterns	Dimensions
0SC0EDCR	White Illumination	White	0.3	12	Steady	1.5" (38mm) W x 1" (25mm) H x 0.5" (13mm) D
0AC0EDCR						1.85" (48mm) W x 1" (25mm) H x 0.88" (21mm) D
0S*00FCR	Flasher	Amber or White	.06/Peak, .03/Avg		Single Flash	1.5" (38mm) W x 1" (25mm) H x 0.5" (13mm) D
0S*00SCR					Steady	

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

---

3" Round Series

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

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

3SA00FAR

3SC00FCR

FEATURES

- Clear or Amber lens
- Conformal coated electronics for moisture and vibration resistance
- 6" pigtail cable included

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

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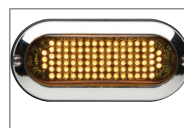Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

3FLANGEC
Chrome Flange

3GROMMET
Grommet

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4" Round Series

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

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

2FA00ZAR

2EA00ZAR

FEATURES

- Supplied with adapter for PAR-36 (4.5") applications
- Conformal coated electronics for moisture and vibration resistance
- Wide-angle Super-LED® lighthead accommodates various applications
- 6" pigtail cable included
- Surface or grommet mount

OPTIONS

2FLANGEB
Black Flange

2FLANGEC
Chrome Flange

2GROMMET
Grommet

Model	Optics	Technology	LED Color	Lens Color	Amps	VDC	Patterns	Compliance	Dimensions
2F*00Z*R	Flat Lens	TIR6™ Super-LED®	Amber or White	Clear or Amber	0.8/Peak, 0.32/Avg	12	25 Scan-Lock™	SAE Class 1	1.19" (30mm) D x 4.25" (108mm) Dia.
2E*00Z*R	Extended Lens	LINZ6™ Super-LED			2/Peak, 0.9/Avg				2" (51mm) D x 4.25" (108mm) Dia.

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

2G & 5G Series

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

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

5GA00FAR

2GA00FAR

FEATURES

- SAE Class 1 Certified
- Requires additional mounting hardware, visit whelen.com for a complete list of available options
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Fully encapsulated for moisture, vibration, and corrosion resistance
- 12" pigtail and vinyl grommet included

Model	Description	LED Color	Lens Color	Amps	VDC	Patterns	Dimensions
2G*00F*R	2G Series	Red or Amber	Red or Amber	0.78/Peak, 0.35/Avg	12	15 Scan-Lock™	1.25" (32mm) D (with grommet) x 5.5" (140mm) Dia.
2G*00FCR			Clear				
5G*00F*R	5G Series		Red or Amber	0.72/Peak, 0.30/Avg			7.44"(189mm) W x 3.19" (81mm) H x 1.25" (32mm) D (with grommet)
5G*00FCR			Clear				

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

OPTIONS

5GBKT1
"L" Bracket

2GFLANGC
Chrome Flange

5GFLANGC
Chrome Flange

5GFLANGB
Black Flange

2GFLANGB
Black Flange

2GBKT1
"L" 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.
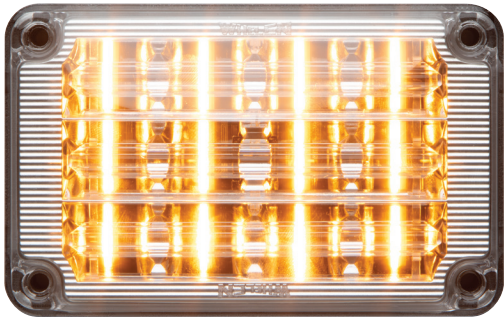
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Strip-Lite™ Plus Sequence Light

10YR | 12 | IP67 | SCAN LOCK | HARD COAT

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

PSSEQACR Shown In Sequencing Mode

FEATURES

- Sequencing features: left, right, split, and flashing patterns
- Surface mount via 2 screws for easy installation
- Black flange included
- Chrome flange option available
- IP67 rated
- Patented E Block™ technology prevents air and moisture from entering the lighthead
- Symmetrical center-positioned wire exit
- 12" pigtail cable included

OPTION

PSFC
Chrome Flange

Model	Technology	LED Color	Lens Color	VDC	Amps	Patterns	Dimensions
PSSEQACR	Sequencing Light	Amber	Clear	12	1.93	6 Sequencing or 11 Flashing	11.11" (282mm) L x 1.68" (43mm) H x 0.53" (13mm) D

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

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⚠ 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

10YR | **HARD COAT** | **12** | **SCAN LOCK** | **IP67** | **SAE CLASS 1** | **SOLO™** | **DUO™**

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

Low profile
surface mounting
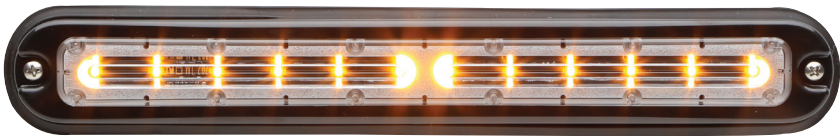
PSA01FCR

FEATURES

- Surface mount via 2 screws for easy installation
- Black flange included
- Chrome flange available
- IP67 rated
- Patented E Block™ technology prevents air and moisture from entering the lighthead

- Symmetrical center positioned wire exit
- 12" pigtail cable included

OPTION

PSFC
Chrome Flange

| Model	Technology	LED Color	Lens Color	VDC	Amps	Patterns	Compliance	Dimensions
PS*01FCR	SOLO™	Blue, Amber or White	Clear	12	.82/Peak, .33/Avg	25 Scan-Lock™	SAE Class 1	11.11" (282mm) L x 1.68" (43mm) H x 0.53" (13mm) D
PS#02FCR	DUO™	Amber/White or Blue/Amber				69 Scan-Lock		

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

WHELEN®
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400 Series Plus

5YR | 12 | 24 | SYNC | SCAN LOCK | HARD COAT | SAE CLASS 1 | ⁞SOLO™ | ⁞DUO™

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

404G0SCR

404A0SCR

404C0SCR

FEATURES

- SAE Class 1 and CA Title 13 (Amber) apply to horizontal and vertical lights
- Linear-LED® design produces highly intense light that has superior wide-angle visibility
- Single-color LED SOLO™ or two-color interleaved DUO™ technology
- DUO models include White override option when Color 2 is White
- Connect and flash multiple Whelen devices together or in alternating patterns with Sync

- Built-in flasher included with SmartLED® models
- IP67 rated
- Patented E Block™ technology prevents air and moisture from entering lighthead
- Conformal coated electronics for moisture and vibration resistance
- Same mounting footprint and accessories as the original 400 Series

Model	Optics	Technology	Mount	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
404*0S*R	SOLO	Steady LED	Includes grommet	Clear or Color Lens	0.8A at 12.8V, 0.4A at 25.6V	12/24	Requires Optional Flasher	SAE Class 1	4.94" (124mm) W x 3.19" (77mm) H x 2" (50mm) D
404#0SCR	DUO			Clear			Requires Optional Flashers		4.94" (124mm) W x 3.19" (77mm) H x 1.38" (34mm) D
404*0Z*R	SOLO	Smart LED®		Clear or Color Lens			Warning has 32 Scan-Lock™ Patterns		4.94" (124mm) W x 3.06" (77mm) H x 2.75" (69mm) D
404#0ZCR	DUO			Clear					

*Replace symbol in model number with letter indicating desired color: A = Amber, B = Blue, C = White, G = Green, R = Red
Replace symbol in model number with letter indicating desired DUO colors: D = Red/White, E = Blue/White, F = Amber/White, J = Red/Blue, K = Red/Amber, M = Amber/Blue, P = Amber/Green

OPTIONS

4EFLANGE
Chrome Flange
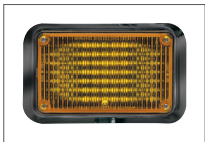
4FLANGEB
Black Flange

4TSMAB
Surface Mount Adapter, Black

4TSMAC
Surface Mount Adapter, Chrome

4EGRILP
Grille-Master™, Chrome

4EGRILPB
Grille-Master™ Black

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500 Series

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

Features available across product family. May not apply to every model.
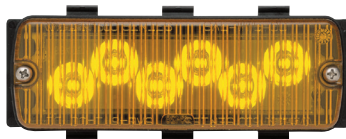
50A03ZAR

50A02ZAR

5V3A

FEATURES

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

- 6" pigtail cable included
- Visit www.whelen.com for a full list of available mounting hardware

Model	Optics	Technology	Mount	LED Color	Amps	VDC	Patterns	Compliance	Dimensions
50*02Z*R	Single-Color, Horizontal Mount	Linear Super-LED	Requires Optional Mounting	Amber or White	1.0/Peak, 0.40/Avg	12	25 Scan-Lock™	SAE Class 1	5" (127mm) W x 1.63" (41mm) H x 1.75" (44mm) D (Lighthead Only)
50**2ZCR	Split-Color, Horizontal Mount			Amber/Amber, Amber/Blue, Amber/Green, Amber/White or White/White	0.5/Peak, 0.2/Avg Per Side				
5V*02Z*R	Single-Color, Vertical Mount			Amber or White					
50A02SA1	Single-Color, Horizontal Mount for Waste Trucks		Includes Grommet	Amber	1.0/Peak, 0.4/Avg				
50AA2SA2	Single-Color, Vertical Mount For Truck Cab		Includes Chrome Flange						
50*03Z*R	Single-Color, Horizontal Mount	TIR6 Super-LED	Requires Optional Mounting	Amber or White	0.63/Peak, 0.32/Avg				5" (127mm) W x 1.63" (41mm) H x 1.38" (35mm) D
50**3ZCR	Split-Color, Horizontal Mount			Amber/Amber, Amber/Blue, Amber/White or White/White	0.32/Peak, 0.13/Avg Per Side				
5V1*	Single-Color, Horizontal Mount	V-Series™ & TIR Super-LED		Amber or White	1.5/Peak, 0.6/Avg		32 Scan-Lock		5.38" (137mm) W x 2.13" (54mm) H x 1.63" (42mm) D
5V3*	Warning, Alley/Flood & Puddle Light, Horizontal Mount	V-Series Super-LED		Amber or White Warning, Steady White For Alley And Puddle	0.12 Warning 1.0 Alley Light 0.5 Puddle				

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

OPTIONS

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

5GROMMET
Grommet

5GBKT1
"L" Bracket

5TSMAB
Surface Mount Adapter, Also Available in Chrome

5LSMAC
Surface Mount Adapter, Also Available in Black

5BRUSH
Brush Guard

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600 Series

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

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


6RBA
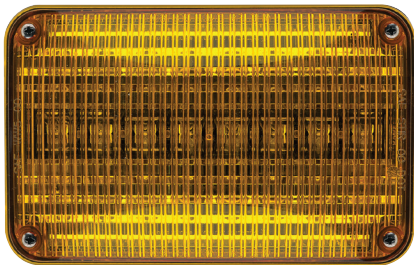
60A02SAR

FEATURES

- Linear Super-LED® or Rota-Beam™ models available
- Surface mount and recess mount models
- Available with Clear or Amber lens

- Available in steady-burn or with an internal flasher
- 6" pigtail cable included

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

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

OPTIONS
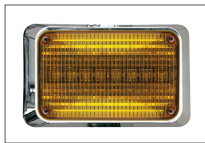
6EFLANGE
Chrome Flange
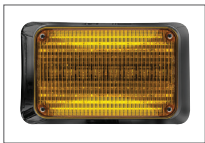
6FLANGEB
Black Flange

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

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

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V23™ Series

V23ATPC

V23ATPB

FEATURES

- Models have 3-in-1 180° wide-angle warning, illumination, and puddle light
- Surface mount via 2 screws for easy installation

- Warning available with an internal flasher
- White lights available as steady-burn

Model	Optics	Technology	LED Color	Lens Color	Flasher	Amps	VDC	Patterns	Compliance	Dimensions
V23*TPB	V-Series™ (Includes Black Flange)	Super-LED®	Amber or White Warning with White Illumination	Clear	Built-in	Warning 0.76/Peak, 0.3/Avg Take-Down 0.62, Perimeter 0.12	12	26 Scan-Lock™	SAE Class 1	4.25" (109mm) W x 2.69" (68mm) H x 1.5" (38mm) D
V23*TPC	V-Series (Includes Chrome Flange)									

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

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

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M9 Series

5YR **10YR** **12** **IP67** **SYNC** **SCAN LOCK** **HARD COAT** **SAE CLASS 1** **DVI ENABLED** **SOLO** **DUO**

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

M9V2A

M9ACZ

M9A

M9V2A
side view

FEATURES

- Available in combination warning/scene light
- Available with Clear or Amber lens
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Available in steady-burn or with an internal flasher
- Surface mount via 2 screws for easy installation
- DVI™ enabled light patterns
- Patented E Block™ technology prevents air and moisture from entering the lighthead
- IP67 rated

Model	Optics	Technology	LED Color	Lens Color	Amps	VDC	Patterns	Compliance	Dimensions
M9*	Directional	SOLO™	Amber or White	Amber	3.0/Peak, 1.2/Avg	12	189 Scan-Lock™	SAE Class 1	10.38" (263mm) W x 6.5" (165mm) H x 1.38" (35mm) D
M9*C				Clear					
M9F		Split-Color	Amber/White				64 Scan-Lock		
M9*S		SOLO	Amber or White	Amber			Requires Flasher Purchased Separately		
M9*CS				Clear					
M9D#		DUO™	Amber/White	Clear	3.0/Peak, 0.6/Avg		189 Scan-Lock		
M92#					2.4/Peak, 0.96/Avg		26 Scan-Lock		
M9*CZ	Combo	Amber Warning And Scene Light			Warning 1.58 Scene Light 1.53				
M9V2*	V-Series™	SOLO Warning, White Illumination	Amber or White Warning With White Illumination	Amber Warning, Clear Illumination	Warning 2.4/Peak, 0.96/Avg Scene Light 2.4 Amps		32 Scan-Lock		10.38" (263mm) W x 6.5" (165mm) H x 2.63" (66mm) D
M9V2*C				Clear					

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

OPTIONS
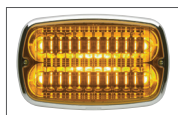
M9FC
Chrome flange
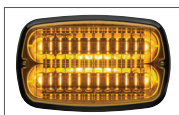
M9FB
Black flange

M9FC900
Chrome flange. Adapts M9 warning to 900 Series mounting

M9FCZ900
Chrome flange. Adapts M9 scene light to 900 Series mounting

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M6 & M7 Series

5YR | 10YR | 12 | IP67 | SYNC | SCAN LOCK | HARD COAT | R65 CLASS 1 | SAE CLASS 1 | DVI ENABLED | SOLO | DUO

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

M6V2A

M6A

M7A

M6V2A Side View

FEATURES

- Available in single-or split-colors
- Available in combination Warning/Scene Light
- Available with Clear or Amber lens
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Available in steady-burn or with an internal flasher
- Surface mount via 2 screws for easy installation
- DVI™ enabled light patterns
- Patented E Block™ technology prevents air and moisture from entering the lighthead
- IP67 rated

Model	Optics	Technology	LED Color	Lens Color	Amps	VDC	Patterns	Compliance	Dimensions
M6*	Directional	SOLO™	Amber or White	Amber	2.25/ Peak, 0.9/Avg	12	189 Scan-Lock™	SAE Class 1 and R65 Class 1	6.75" (170mm) W x 4.31" (109mm) H x 1.3" (35mm) D
M6*C				Clear			64 Scan-Lock		
M6F		Split-Color	Amber/White	Clear			Requires Flasher Purchased Separately		
M6*S		SOLO	Amber or White	Amber					
M6*CS				Clear					
M6D#		DUO™	Amber/White or Amber/Blue		2.4/Peak, 1.0/Avg		189 Scan-Lock™		6.7" (170mm) W x 4.31" (109mm) H x 1.4" (36mm) D
M6V2*	V-Series™	SOLO Warning, White Illumination	Amber or White Warning With White Illumination	Amber For Warning, Clear For Illumination	Warning 1.5/Peak, 0.60/Avg Perimeter 0.77		Warning has 32 Scan-Lock		6.75" (170mm) W x 4.31" (109mm) H x 2.25" (57mm) D
M6V2*C				Clear					
M7*	Directional	SOLO	Amber or White	Amber	2.25/ Peak, 0.9/Avg		189 Scan-Lock		7.64" (194mm) W x 3.38" (86mm) H x 1.4" (36mm) D
M7*C				Clear			64 Scan-Lock		
M7F		Split-Color	Amber/White	Clear			Requires Flasher Purchased Separately		
M7*S		SOLO	Amber or White	Amber					
M7*CS				Clear					
M7D#		DUO	Amber/White or Amber/Blue	Clear	2.4/Peak, 0.6/Avg		189 Scan-Lock	Class 1	

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

OPTIONS

M6FC / M7FC
Chrome Flange, Also Available in Black
M6FB / M7FB

M6P15C
15° Chrome Flange, Also Available in Black
M6P15B / M7P15B

M6FCV3
Chrome Flange for Three 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.

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M2 & M4 Series

5YR | 10YR | 12 | IP67 | SYNC | SCAN LOCK | HARD COAT | R65 CLASS 1 | SAE CLASS 1 | DVI ENABLED | SOLO DUO
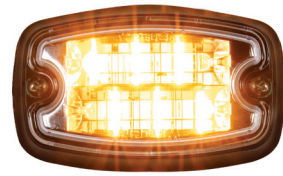
Features available across product family. May not apply to every model.

M4V2A

M4A

ML2AC

M2A

M4V2A Side View

FEATURES

- Available in combination Warning/Scene Light
- Available with Clear or Color lens
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Available in steady-burn or with an internal flasher
- Surface mount via 2 screws for easy installation
- DVI™ enabled light patterns (M4 models only)
- Patented E Block™ technology prevents air and moisture from entering the lighthead
- IP67 rated

Model	Optics	Technology	LED Color	Lens Color	Amps	VDC	Patterns	Compliance	Dimensions
M2*	Directional	SOLO™	Amber or White	Amber			25 Scan-Lock™ Including Steady-Burn	SAE Class 1, R65Class 1	4" (102mm) W x 2.5" (64mm) H x 1" (25mm) D
M2*C				Clear					
M2F		Split-Color	Amber/White				69 Scan-Lock		
M2W*	Wide-Angle			Amber	1/Peak, 0.45/Avg		25 Scan-Lock Including Steady-Burn		
M2W*C				Clear					
ML2*		SOLO	Amber or White	Amber					3.7" (93mm) W x 2" (53mm) H x 0.9" (23mm) D
ML2*C							74 Scan-Lock		
ML2D#	Linear LED	DUO	Amber/White, Red/Amber or Amber/Green	Clear		12			
M4*	Directional	SOLO	Amber or White				64 Scan-Lock		5.49" (139mm) W x 3.38" (86mm) H x 1.4" (36mm) D
M4*C							150 Scan-Lock		
M4F		Split-Color	Amber/White		1.5/Peak, 0.6/Avg		64 Scan-Lock		
M4*S	Linear LED	SOLO	Amber or White	Amber			Requires flasher (Purchased Separately)		
M4*CS				Clear					
M4D#		DUO™	Amber, White				149 Scan-Lock		
M4V2*	V-Series™	SOLO Warning, White Illumination	Amber or White Warning With White Illumination	Clear	Warning 1.0/Peak, 0.40/Avg, Perimeter 0.77		25 Scan-Lock		5.5" (138mm) W x 3.38" (86mm) H x 1.85" (47mm) D

* Replace symbol in model number with letter indicating desired color: A = Amber, C = White
# Replace symbol in model number with letter indicating split color desired: F = Amber/White, K = Red/Amber, P = Green/Amber
Consult current price list for full list of available options at whelen.com/literature.

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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

WHELEN®
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Brake/Tail/Turn Lights

[5YR] [10YR] [12] [24] [SCAN LOCK] [HARD COAT]

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

M62BTT

404BTT

704BTT

M92BTT

604BTT

904BTT

FEATURES

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Patented E Block™ technology prevents air and moisture from entering the lighthead

- Surface mount via 2 screws for easy installation
- A variety of mounting brackets and optional Black and Chrome flanges available
- LED technology
- 6" pigtail cable included

Model	Optics	Mount	Lens Color	12V Amps	VDC	Compliance	Dimensions
M62BTT	M6 Series	M6FB (Purchased Seperately)	Red	0.53 Brake/Turn 0.06 Tail	12/24	See Website for Specific SAE Requirements	6.75" (170mm) W x 4.31" (109mm) H x 1.38" (35mm) D
M92BTT	M9 Series	M9FB (Purchased Seperately)		0.43 Brake/Turn 0.05 Tail			10.38" (263mm) W x 6.5" (165mm) H x 1.38" (35mm) D
404BTT	400 Series	Surface Mount with Black Flange Included		0.7 Brake/Turn 0.06 Tail			4.94" (124mm) W x 3.19" (77mm) H x 2.75" (69mm) D
604BTT	600 Series			0.6 Brake/Turn 0.06 Tail			6.95" (177mm) W x 4.55" (116mm) H x 1.73" (44mm) D
704BTT	700 Series			0.65 Brake/Turn 0.05 Tail			7.27" (185mm) W x 3.07" (78mm) H x 1.28" (33mm) D
904BTT	900 Series			0.48 Brake/Turn 0.06 Tail			9.79" (249mm) W x 7.79" (198mm) H x 1.67" (43mm) D

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Turn Signals

5YR 10YR 12 24 SCAN-T-LOCK HARD COAT

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

604T

M62T

M92T

904T

704T
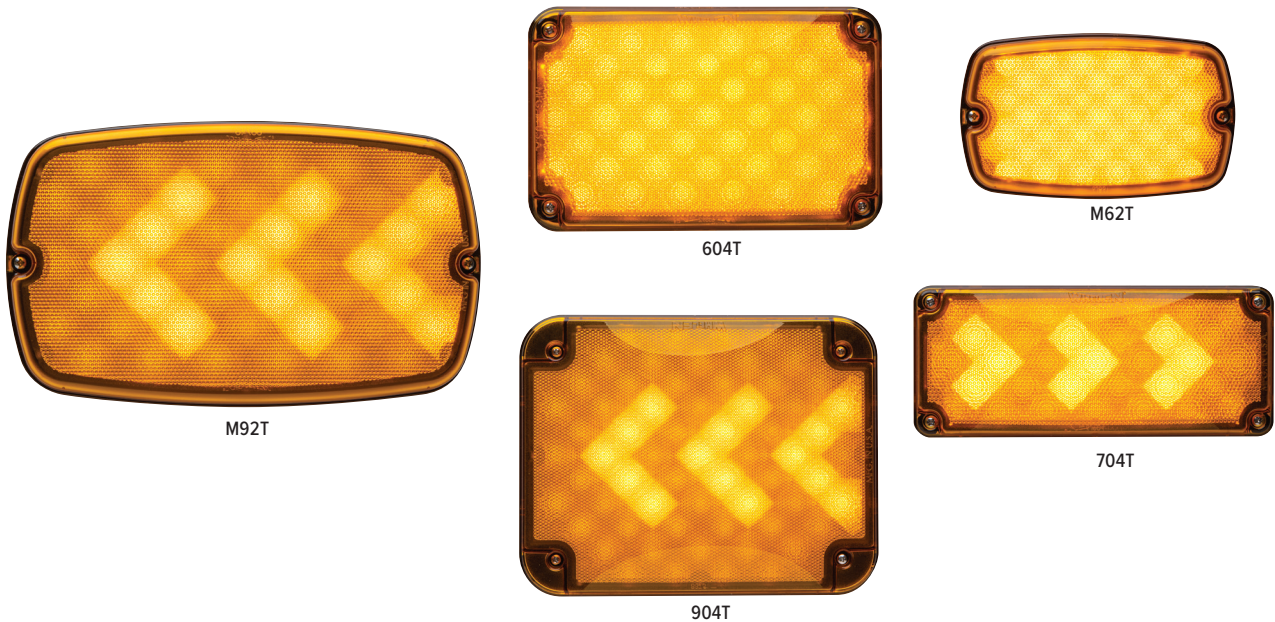
FEATURES

- Arrows may be mounted left or right
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Patented E Block™ technology prevents air and moisture from entering the lighthead
- Surface mount via 2 screws for easy installation
- A variety of mounting brackets and optional Black and Chrome flanges available
- LED technology
- 6" pigtail cable included

Model	Optics	Mount	Lens Color	12V Amps	VDC	Patterns	Compliance	Dimensions
M62T	M6 Series	M6FB (Purchased Separately)	Amber	0.84	12/24	10 Scan-Lock™	See Website for Specific SAE Requirements	6.75" (170mm) W x 4.31" (109mm) H x 1.38" (35mm) D
M92T	M9 Series	M9FB (Purchased Separately)						10.38" (263mm) W x 6.5" (165mm) H x 1.38" (35mm) D
404T	400 Series	Surface Mount with Black Flange Included		0.63		1 Scan-Lock		4.94" (124mm) W x 3.19" (77mm) H x 2.75" (69mm) D
604T	600 Series			0.94		10 Scan-Lock		6.95" (177mm) W x 4.55" (116mm) H x 1.73" (44mm) D
704T	700 Series			0.84				7.27" (185mm) W x 3.07" (78mm) H x 1.28" (33mm) D
904T	900 Series			0.94		6 Scan-Lock		9.79" (249mm) W x 7.79" (198mm) H x 1.67 (43mm) D

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Back-Up Lights

5YR | 10YR | 12 | HARD COAT

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

M62BU

404BUH

604BU

M92BU

704BU

5GC00WCR

404BUV

FEATURES

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Patented E Block™ technology prevents air and moisture from entering the lighthead
- Surface mounts via 2 screws for easy installation

- A variety of mounting brackets and optional Black and Chrome flanges are available
- LED Technology
- 6" pigtail cable included

Model	Optics	Mount	LED Color	Lens Color	Amps	VDC	Compliance	Dimensions
5GC00WCR	5G Series	Grommet Mount	White	Clear	0.15	12	See Website for Specific SAE Requirements	7.44" (189mm) W x 3.19" (81mm) H x 1.25" (32mm) D
M62BU	M9 Series	M6FB (Purchased Separately)			0.18			6.75" (170 mm) W x 4.31" (109mm) H x 1.38" (35mm) D
M92BU	M6 Series	M9FB (Purchased Separately			0.12			10.38" (263mm) W x 6.5" (165mm) H x 1.38" (35mm) D
404BUH	400 Series	Black Flange Included			0.13			4.94" (124mm) W x 3.19" (81mm) H x 2.75" (69mm) D
404BUV								6.95" (177mm) W x 4.55" (116mm) H x 1.73" (44mm) D
604BU	600 Series	Surface Mount with Black Flange Included			0.18			7.27" (185mm) W x 3.07" (78mm) H x 1.28" (33mm) D
704BU	700 Series							9.79" (249mm) W x 7.79" (198mm) H x 1.67" (43mm) D

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WHITE ILLUMINATION

Arges® Remote Spotlight

[2YR MOTOR ONLY] [5YR] [12] [WECAN X] PROCLERA® ProFocus™

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

ARGCH1

ARGES1

FEATURES

- The innovative mechanical design provides 360° of continuous rotation and a 180° tilt range
- ProFocus™ Models: 5° spot to 60° flood variable beam width
- Spotlight Models: 5° spot
- Proclera® Silicone Optics
- Black die-cast aluminum housing
- CenCom Core® and WeCanX® compatible
- Drivetrain is electronically and mechanically protected

- Arges installs quickly and requires no A-pillar drilling or airbag interference
- Includes two 18" power control harnesses and one 12" communication cable
- Control head features a paddle and 3 push-buttons
- Program Arges with Whelen Command® or use alone with its paired control head
- Full Arges system passes CISPR 25 Class 3

Model	Description
ARGES1	5° Spotlight with Proclera® Silicone Optic
ARGES2	ProFocus™, Select from Spot/Flood Combination Light or Floodlight from the Control Head
ARGCH1	Control Head for Arges, Bail Bracket
ARGCH2	Control Head for Arges, Swivel Mount
ARGFM	Flat Mount, Universal
ARGFMKT	Arges Kit, Includes ARGES1 Spotlight, ARGCH1 Control Head and ARGFM Flat Mount
ARGLB1	Lightbar Mounting Bracket for Legacy®, Liberty™ II, Justice® and Freedom® IV Series Lightbars, Arges with Flat Mount Purchased Separately
ARGLB2	Lightbar Mounting Bracket for Cenator® Series Lightbars, Arges with Flat Mount Purchased Separately
ARG42D	Ram 1500/2500/3500, 2014-2018 and Ram 1500 (Classic), 2019-2021, Driver Side Fender Mounting
ARG47CD	Ford F-150, 2021-2022, Driver Side Fender Mount
ARG47CP	Ford F-150, 2021-2022, Passenger Side Fender Mount
ARG47D	Ford F-150, 2015-2020, Driver Side Fender Mount
ARG47BD	Ford F-250/F-350/F-450/F-550 Super-Duty, 2019-2022, Driver Side Fender Mount
ARG47BP	Ford F-250/F-350/F-450/F-550 Super-Duty, 2019-2022, Passenger Side Fender Mount
ARG49D	Chevy Silverado 1500, 2019-2023, Driver Side Fender Mounting
ARG49BD	Chevy Silverado 2500/3500, 2020-2024, Driver Side Fender Mounting

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WorkSide™

10YR **HARD COAT** **10-30** **IP67**

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

WSLB

Model	Flange	Lens Color	VDC	Compliance	Dimensions
WSLC	Chrome	Clear	10/30	IP67 Rated	14.23" (362mm) L x 2.29" (59mm) H x 1.03" (27mm) D
WSLB	Black				

FEATURES

- Light is projected down and out to a 10'x10' ground area for increased visibility and expanded view of work areas
- Sleek, low-profile, Strip-Lite™ style footprint
- Patented E Block™ technology prevents air and moisture from entering the lighthead
- Selectable turn-on functionality
- Multiple turn-on styles ranging from instant to gradual (Slow, Medium, Fast, Instant)
- 3 low-power settings provide situation-specific lighting for a variety of scenarios
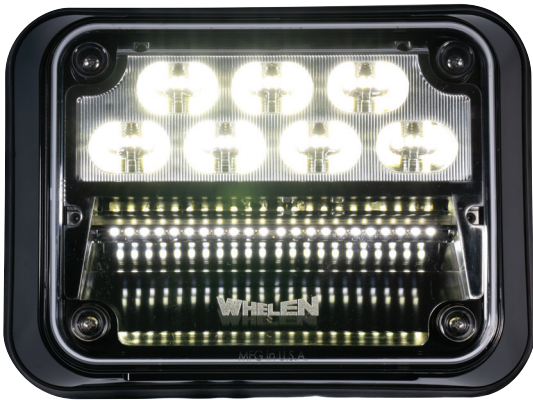- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Low power and low current consumption

Scene Lights

5YR **10YR** **12** **HARD COAT**

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

M9LZC

6SC0ENZR

70C0ELZR

9SC0ENZR

7SC0ENZR

M7ZC

M6ZC

FEATURES

- Instant on with no warm-up time
- Hard-coated lenses resist damage from sand, salt, sun, and road chemicals
- Conformal coated electronics for moisture and vibration resistance

Model	Optics	Technology	Cable	Mount	Lens Color	Amps	VDC	Dimensions
6SC0ENZR	600 Series	Super-LED®	6" Pigtail	Surface	White	1.5	12	6.5" (165mm) W x 4.13" (105mm) H x 1.75" (44mm) D
60C0ELZR				Recess		2.0		
7SC0ENZR	700 Series			Surface		2.0		7.25" (184mm) W x 3.06" (78mm) H x 1.75" (44mm) D
70C0ELZR				Recess				
9SC0ENZR	900 Series			Surface, Includes Chrome Flange		6.0		9.13" (232mm) W x 7.13" (181mm) H x 1.75" (44mm) D
M6ZC	M6 Series			Surface		2.0		6.75" (170mm) W x 4.31" (109mm) H x 1.38" (35mm) D
M7ZC	M7 Series					2.25/ Peak, 0.9/Avg		7.63" (194mm) W x 3.38" (86mm) H x 1.38" (35mm) D
M9LZC	M9 Series			Surface, Includes Chrome Flange		6		10.38" (263mm) W x 6.5" (165mm) H x 1.38" (35mm) D

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

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M6 EZ Scene Light™

10YR | **HARD COAT** | **10-30** | **IP67**

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

M62SLC

FEATURES

- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Conformal coated electronics for moisture and vibration resistance
- Gradient Opti-Scenelight™ technology enables efficient use of light
- Selectable turn-on functionality
- Multiple turn-on styles ranging from instant to gradual (Slow, Medium, Fast, Instant)
- 3 low-power settings provide situation-specific lighting for a variety of scenarios
- Surface mount
- 6" pigtail cable included

Model	Flange	Lens Color	VDC	Compliance	Dimensions
M62SLC	Chrome	Clear	10/30	IP67 Rated	6.77" (172mm) W x 4.37" (111mm) H x 1.71" (43mm) D
M62SLB	Black				

600 EZ Scene Light™

5YR | **HARD COAT** | **10-30** | **IP67**

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

604SLB

FEATURES

- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Conformal coated electronics for moisture and vibration resistance
- Gradient Opti-Scenelight™ technology enables efficient use of light
- Selectable turn-on functionality
- Multiple turn-on styles ranging from instant to gradual (Slow, Medium, Fast, Instant)
- 3 low-power settings provide situation-specific lighting for a variety of scenarios
- Surface mount
- 6" pigtail cable included

Model	Flange	Lens Color	VDC	Compliance	Dimensions
604SLC	Chrome	Clear	10/30	IP67 Rated	8.27" (210mm) W x 5.2" (132mm) H x 1.76" (45mm) D
604SLB	Black				

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M9 EZ Scene Light™

| 10YR | HARD COAT | 10-30 | IP67 |

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

M92SLB

FEATURES

- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Conformal coated electronics for moisture and vibration resistance
- Gradient Opti-Scenelight™ technology enables efficient use of light
- Selectable turn-on functionality
- Multiple turn-on styles ranging from instant to gradual (Slow, Medium, Fast, Instant)
- 3 low-power settings provide situation-specific lighting for a variety of scenarios
- Surface mount
- 6" pigtail cable included

Model	Flange	Lens Color	VDC	Compliance	Dimensions
M92SLC	Chrome	Clear	12/24	IP67 Rated	10.35" (263mm) W x 6.28" (160mm) H x 2.39" (61mm) D
M92SLB	Black				

900 EZ Scene Light™

| 5YR | HARD COAT | 10-30 | IP67 |

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

904SLB

FEATURES

- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Conformal coated electronics for moisture and vibration resistance
- Gradient Opti-Scenelight™ technology enables efficient use of light
- Selectable turn-on functionality
- Multiple turn-on styles ranging from instant to gradual (Slow, Medium, Fast, Instant)
- 3 low-power settings provide situation-specific lighting for a variety of scenarios
- Surface mount
- 6" pigtail cable included

Model	Flange	Lens Color	VDC	Compliance	Dimensions
904SLC	Chrome	Clear	12/24	IP67 Rated	10.82" (275mm) W x 8.0" (203mm) H x 2.63"(67mm) D
904SLB	Black				

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Pioneer Summit™

5YR | 12 | IP67 | HARD COAT | PR⌀CLERA

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

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
- Multiple mounting options available
- 2' cable, connector, and heat shrink tubing included

Model	Description	Warning Lights	VDC	Dimensions	Length
S86MB	Scene/Flood	-	12	2.48" (63mm) H x 2.15" (55mm) W	86" (218cm)
S86MAB		4 Amber			
S86MRB		-			
S72MB					72" (183cm)
S72MAB		4 Amber			
S58MB		-			58" (147cm)
S58MAB		4 Amber			
S44MB		-			44" (112cm)
S44MAB		2 Amber			
S30MB		-			30" (76cm)
S30MAB		2 Amber			
S161MB	Flood	-			16" (41cm)
S162MB	Spot				
S091MB	Flood				9" (23cm)
S092MB	Spot				

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Pioneer Micro™

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

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

MPPB

MPRW   MPPBCS

FEATURES

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

- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- 6' cable included
- Five mounts available:
  1. Powder-coated stainless steel bail bracket with 3/8"-16 stud carriage bolt mount
  2. Recessed 90° angle mount with Chrome flange
  3. Recessed 15° angle mount with Chrome flange
  4. Pole/pedestal mount with handle available with or without On/Off switch
  5. Low-profile pedestal mount available with Chrome or Black back cover, with or without On/Off switch

Model	Mount	Housing	VDC	Lumens	Dimensions
MPBW	Bail/Stud	White			4.75" (121mm) W x 4.63" (118mm) H (w/ bracket) x 2.88" (73mm) D
MPBB		Black			
MPPW	Low-Profile Pedestal/Swivel	White			5.06" (129mm) W x 8.69" (220mm) H x 3.75" (82mm) D
MPPWCS					
MPPB		Black			
MPPBBS			12	5,695	
MPPBCS					
MPRW	Straight Recessed	White			7.69" (195mm) W x 6.94" (176mm) H x 2.56" (65mm) D
MPRB		Black			
MPR15W	15° Recessed	White			7.69" (195mm) W x 6.94" (176mm) H x 2.56" (65mm) D
MPR15B		Black			
MPR15B					
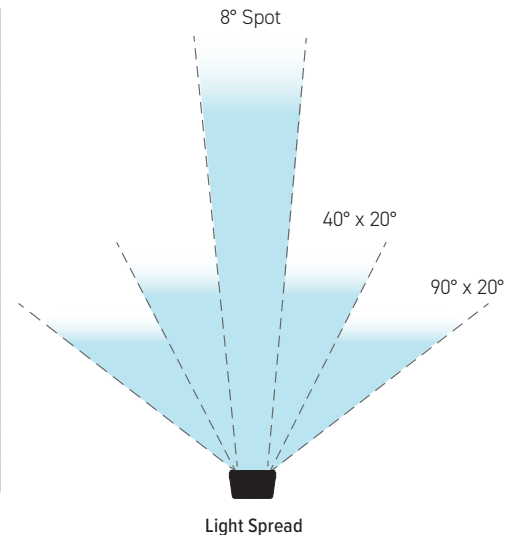
8° Spot

40° x 20°

90° x 20°

Light Spread

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Pioneer Nano ™

5YR | 12 | IP67 | HARD COAT

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

NP3BW

NP6BB

FEATURES

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

- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- 6' cable included
- Powder-coated stainless steel bail bracket with 3/8"-16 stud carriage bolt mount

Model	Mount	Housing	VDC	Lumens	Dimensions
NP3BW	3-LED, with bail	White	12	1,566	3.5" (89mm) W x 2.25" (57mm) H x 1.75" (44mm) D
NP3BB		Black			
NP6BW	6-LED, with bail	White		2,552	3.5" (89mm) W x 3.0" (76mm) H x 1.75" (44mm) D
NP6BB		Black			
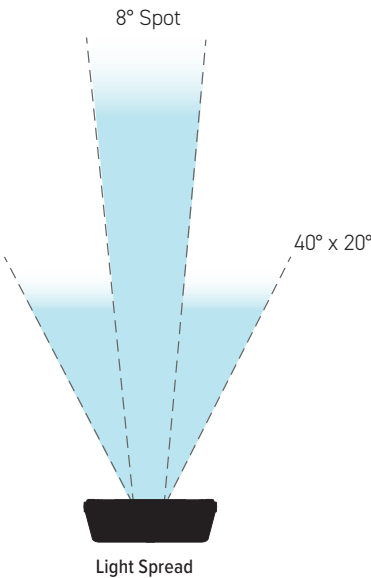
8° Spot

40° x 20°

Light Spread

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Pioneer SlimLine™

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

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

PSL2BB

PSL1P

FEATURES

- Available in single or dual models
- Single Lamp Models: 8° spotlight pattern comes standard. Includes additional 40° x 20° flood lens
- Dual Lamp Models: 8° spotlight pattern comes standard. Includes two additional optic lenses for a light pattern choice of:
  - Dual 40° x 20° flood
  - 8° spot and 40° x 20° flood
- Optic lens changes easily via removable lens retainer

- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- 6' cable included
- Powder-coated stainless steel bail bracket

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

8° Spot

40° x 20°

Light Spread

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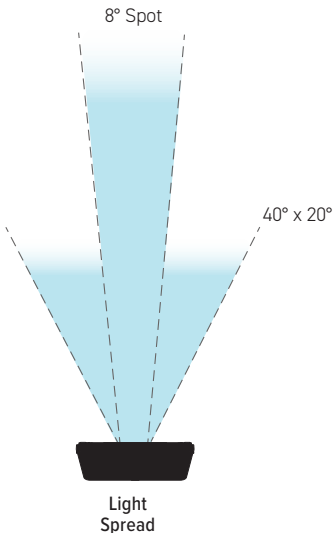
Pioneer Plus™

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

Features available across product family. May not apply to every model.
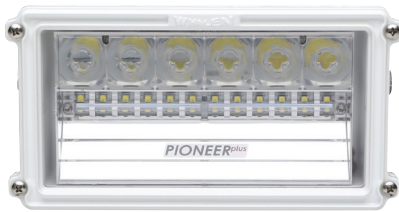
PCH1
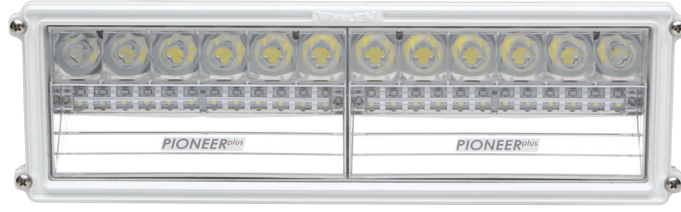
PCH2
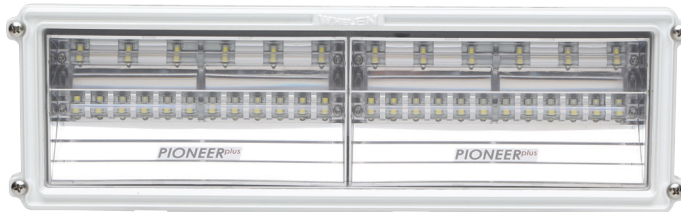
PFH2
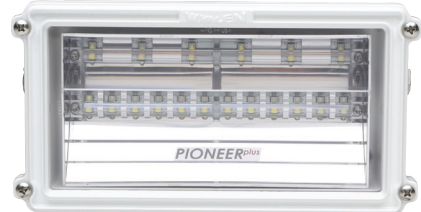
PFH1

FEATURES

- Available in single and dual models
- Pioneer Plus Combination Floodlight/ Spotlight features Proclera® Optic Technology
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics

- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- Powder-coated stainless steel bail bracket
- DC models include 20' cable, AC models include 12" wire leads

Model	Description	Panels	VDC/VAC	Lumens	Dimensions
PFH1	Floodlight	Single	12 VDC	10,130	8.19" (208mm) W x 4.25" (108mm) H x 3.0" (77mm) D
PCH1	Combination Flood/Spot				
PFH2	Floodlight	Dual		20,261	14.06" (357mm) W x 4.25" (108mm) H x 3.0" (77mm) D
PCH2	Combination Flood/Spot				
PFP1AC	Floodlight	Single	115 VAC	10,130	8.19" (208mm) W x 4.25" (108mm) H x 3.0" (77mm) D
PSP1AC	Spot Light, 8°				
PFP2AC	Floodlight	Dual		20,261	14.06" (357mm) W x 4.25" (108mm) H x 3.0" (77mm) D
PCP2AFS	Combination Flood/Spotlight			20,261	
PCP2ASF	Combination Spot/Floodlight			20,261	
PCP3	Max Combination Flood And 8° Spotlight	Max	12 VDC	19,305	
PCP3A			115 VAC	19,819	

8° Spot

Flood

Light Spread

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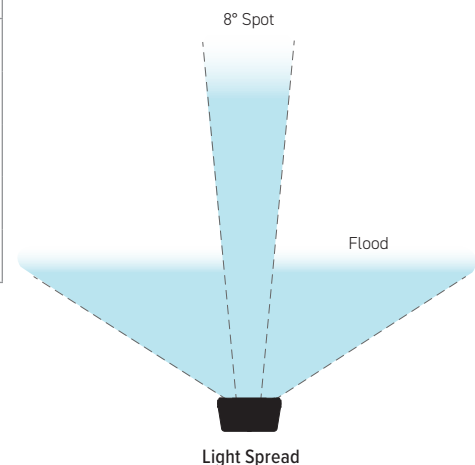
Pioneer Plus™ Surface Mount

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

Features available across product family. May not apply to every model.
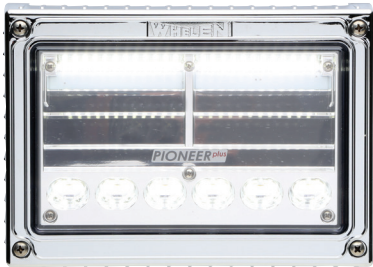
PCPSM1C   PCPSM2B

FEATURES

- Available in single and dual models
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light

- 2' cable included
- Surface mount:
  - Requires no body cut-outs
  - Built-in nylon screw grommets eliminate galvanic corrosion
  - Uniquely designed silicone grommet seals the 1" wire entry into the body
  - Available with Chrome or Black flange

Model	Description	Panels	Flange	VDC/VAC	Lumens	Dimensions
PCPSM1C			Chrome	12 VDC	10,444	9" (228mm) W x 6.38" (162mm) H x 1.75" (44mm) D
PCPSM1B		Single	Black			
PCPSM1AC			Chrome	115 VAC	11,231	
PCPSM1AB	Combination Flood/Spot		Black			
PCPSM2C			Chrome	12 VDC	20,888	16.25" (412mm) W x 6.38" (162mm) H x 1.75" (44mm) D
PCPSM2B		Dual	Black			
PCPSM2AC			Chrome	115 VAC	22,462	
PCPSM2AB			Black			

Arching upward 90°

Down 5°

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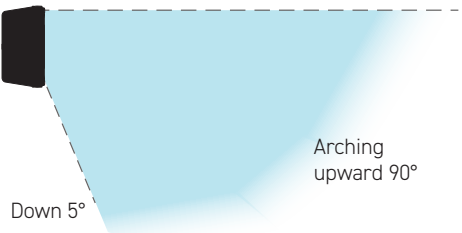
Perimeter Enhancement Light

5YR **10YR** **12** **24** **HARD COAT**

Features available across product family. May not apply to every model.
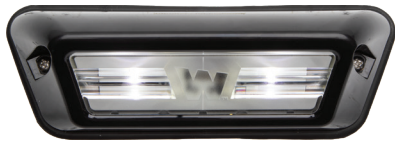
PEL2B

PEL2R

PEL2W

PEL2C

PEL2Y

FEATURES

- Available in one-color or two-color
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Light is projected downward at a 40° angle for widespread ground illumination
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals

- Patented E Block™ technology prevents air and moisture from entering the lighthead
- Mounts to vertical surfaces and may be mounted inverted
- Molded rubber gaskets protect body panels
- 6" pigtail cable included

Model	Technology	Lens Color	Flange Color	Amps	VDC	Patterns	Dimensions
PEL2C			Chrome				
PEL2B			Black				
PEL2W		White	White				
PEL2R			Red				
PEL2Y			Yellow				
PEL2C*			Chrome				
PEL2B*			Black	.65 Amps at 12 VDC		Flash patterns require Core™ or Flasher (Purchased Separately)	7.9" (201mm) W x 2.69" (69mm) H x 2.0" (51mm) D
PEL2W*	Super-LED®	Amber	White		12/24		
PEL2R*			Red	.38 Amps at 24 VDC			
PEL2Y*			Yellow				
PEL2C#			Chrome				
PEL2B#			Black				
PEL2W#		Two-Color Amber/White, Amber/Blue	White				
PEL2R#			Red				
PEL2Y#			Yellow				

* 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 = Amber/Blue

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Interior Lighting

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

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

86CE1

5GC0CCCR

20C0CDCR

PSCOMPL

PSCOMPH

F27PC

T0CACCCR

Model	Optics	Technology	Cable	Mount	Amps	VDC	Dimensions
86CE1	Rectangular Interior Dome	Super-LED®	6" Pigtail	Requires Cut-Out, Includes Flange	2.0/High, 0.20/Low	12	8.19"(208mm) W x 6.44"(163mm) H x 1.25" (32mm) D
T0CACCCR	2" Round Compartment	5mm LED		Surface	0.03		2.0" (51mm) Dia.
20C0CDCR	2G Series (4" Round) Compartment	Super-LED 12 Diodes	6" Pigtail With Deutsch® Connector	Surface Mount Requires Optional Mounting	0.36		4.0" (102mm) Dia.
20C0CDCD							
5GC0CCCR	5G Series Compartment	Super-LED		Includes Black Grommet, Requires Optional Mounting	0.53		7.44" (189mm) W x 3.19" (81mm) H x 1.5" (38mm) D
PSCOMPL	Strip-Lite™ Plus Compartment	6 Diodes LED			0.24		1.0" (25mm) H x 11.5" (292mm) W x 1.38" (35mm) D
PSCOMPH		12 Diodes LED			0.48		
F09PC	Fluorent Plus™ Compartment Tube Lighting	Super-LED	6" Pigtail	Surface	0.06		9.0" (228mm) W x 0.63" (16mm) H
F18PC					0.13		18.0" (457mm) W x 0.63" (16mm) H
F27PC					0.16		27.0" (686mm) W x 0.63" (16mm) H
F36PC					0.18		36.0" (914mm) W x 0.63" (16mm) H
F45PC					0.24		45.0" (114cm) W x 0.63" (16mm) H
F54PC					0.32		54.0" (137cm) W x 0.63" (16mm) H
F63PC					0.42		63.0" (160cm) W x 0.63" (16mm) H

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

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Interior Lighting

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

8" Round Lightheads

6" Round Lightheads

3" Round Lightheads

Model	Optics	Technology	Cable	Mount	Housing	Switch	Amps	VDC	Dimensions
3SC0CDCR	3" Round LED	Compartment White	6" Pigtail	Surface	Rubber Gasket Housing	-	0.38	12	3.0" (76mm) Dia.
3SR0CDRR		Nighttime Illumination, Red					0.3		
3SBCCDCR		Compartment Split Blue/White					0.31		
3SRCCDCR		Compartment Split Red/White							
60C0EHCR	6" Round Super-LED®	Compartment 18 Diodes, White				-	1.2/High, 0.13/Low		0.63" (16mm) D x 6.0" (152mm) Dia.
60C0EJCS		Compartment 6 Diodes, White				On/Off	0.7/High		
60CBEGCS		Compartment 6 Blue Diodes & 6 White Diodes				Dual Switches For On/Off Color And On/ Off White	0.7/White 0.5/Blue		
60CREGCS		Compartment 6 Red Diodes & 6 White Diodes				-	0.7/White 0.5/Red		
70CREGCS	700 Series	Compartment 30 Red Diodes & 30 White Diodes				Backlit Dual Switches For On/Off Color And White	0.35/ White 0.5/Red 2mA/ Switch		7.25" (184mm) W x 3.07" (78mm) H x 1.25" (31mm) D
80C0EHCR	8" Round Super-LED Ambulance Light	18 Diodes, White		Recessed	Chrome Flange	Built-In Hi/Low Intensity	1.2/High, 0.13/Low		1.0" (24mm) D x 8.63" (218mm) Dia.
80C00EZR		18 Diodes, White			White Flange				
8WC00EZR									
80CBEHCR		6 White Diodes, 3 Blue Diodes			Chrome Flange		1.5/White, 0.5/Color		
80CREHCR		6 White Diodes, 3 Red Diodes							

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

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Illumination & Marker or Clearance Lights

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

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

0SA00MCR

0SR00MCR
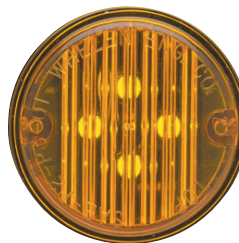
T0A00MAR
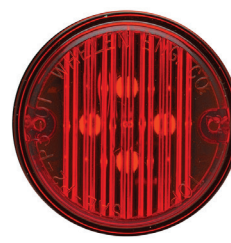
T0R00MRR

FEATURES

- 0S™ Series includes Chrome housing; 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

Model	Technology	Application	Mount	Housing	LED Color	Lens Color	Amps	VDC	Patterns	Compliance	Dimensions
0SA00MCR	LED	Marker or Clearance	Surface	Chrome	Amber	Clear	0.3	12	Steady	FMVSS108	1.5" (38mm) W x 1.0" (25mm) H x 0.5" (13mm) D
0SR00MCR					Red	Clear	0.3			FMVSS108	
T0A00MAR			Grommet	-	Amber	Amber	0.8/Max, 0.5/Avg			-	2.0" (51mm) Dia.
T0R00MRR					Red	Red	0.8/Max, 0.5/Avg			-	

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

PAR Replacement Lamps

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

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

P46FLC

P46WLC

P36SLC

Model	Optics	Technology	Application	Mount	Housing	LED Color	Lens Color	Amps	VDC	Patterns	Dimensions
P46FLC	PAR-46	Super-LED®	8° Spotlight	Drop-In Replacement For Outdated Halogen Spotlight Lamps	Black Powder Coated Die-Cast Aluminum Heatsink	White	Clear	1.9	12	Steady	1.81" (46mm) D x 5.63" (144mm) Dia
P46WLC			20° x 60° Floodlight					1.9	12		1.81" (46mm) D x 5.63" (144mm) Dia
P36SLC	PAR-36		2° Spotlight					0.65	24		2" (51mm) D x 4.5" (111mm) Dia.

 Consult current price list for full list of available options at whelen.com/literature.
Visit www.whelen.com for a full list of available mounting hardware

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PAR-36

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

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

FEATURES

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

PFBS12

PFBP12C

Model	Diodes	Optics	Mount	Housing	VDC	Dimensions
PFBP12	12	Floodlight	Pedestal	Black	12	5.0" (128mm) W x 6.38" (162mm) H x 3.0" (76mm) D
PFBP12C				Black with Chrome Rear Cover		
PFBP6	6			Black		
PFBP6C				Black with Chrome Rear Cover		
PFBS12	12		Stud	Black		
PFBS12C				Black with Chrome Rear Cover		
PFBS6	6			Black		
PFBS6C				Black with Chrome Rear Cover		
PFBS6S				Black with Switch		
PFBS12S				Black with Switch		
PSBP12	12	Spotlight	Pedestal	Black		
PSBP12C				Black with Chrome Rear Cover		
PSBP6	6			Black		
PSBP6C				Black with Chrome Rear Cover		
PSBS12	12		Stud	Black		
PSBS12C				Black with Chrome Rear Cover		
PSBS6	6			Black		
PSBS6C				Black with Chrome Rear Cover		
PSBS6S				Black with Switch		
PSBS12S	12			Black with Switch		

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

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⚠ 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.

Handheld Spot/Floodlights

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

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

FEATURES

- 90lb. pull magnet mount
- 8' pigtail cable with cigar plug included
- Built-in push-button On/Off switch

P36HHS

P46HHS

Model	Description	VDC	Dimensions
P36HHS	PAR-36, Super-LED® Handheld Combination Spotlight/Floodlight	12/24	9.41" (239mm) H x 3.45" (88mm) D x 4.82" (123mm) Dia.
P46HHS	PAR-46, Super-LED Handheld Spotlight	12	10.5" (270mm) H x 3.75" (94mm) D x 6.0" (152mm) Dia

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

Rubber Housing Spot/Floodlights

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

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

FEATURES

- Rubber stud/swivel housing
- Available with or without lighthead
- Hard-coated lenses resist damage from sand, salt, sun, and road chemicals

P36SLCHG

P46SLCHG

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

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

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CONTROLS & FLASHERS

Power Control Centers

2YR **12**

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

WCC9

PCC8R

PCC10W

PCC6W

PCC4W

PCCS9RW

FEATURES

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

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

Model	Type and Usage	Switches	Switch Type	Installation	VDC	Dimensions
PCCS9RW	High Current Center For Lightbars/Lighting Systems Without Need For Separately Mounted Relays Or Relay Boxes	6 Push-Buttons And One 4-Position Dip Switch Programmable Slide Switch	6 On/Off, Momentary 20 Amp Relays	11 Fast-On Outputs, 4-Position AMP Mate-N-Lok® -For Control, 2-Position Molex Mini Fit SR® - For Power	12	6.0" (152mm) W x 1.63" (40mm) H x 6.25" (159mm) D
PCCS9LW	Economical Control Center For Use With Freedom®, & Liberty™ II Lightbars		6 On/Off, 1 Programmable On/Off Switch	One 9-Position and 5 Conductor AMP Mate-N-Lok Connector, to Match Lightbar Cables		6.0" (152mm) W x 1.63" (40mm) H x 4.0" (102mm) D
PCC4W	SPST, Lighted Switches	4	25 Amp	5 Wires Power Input, 5 Wires Output		3.25" (83mm) W x 2.25" (57mm) H x 4.0" (102mm) D
PCC6W		6	(6) 25 Amp	8-Position Rear Connector Block		6.63" (168mm) W x 2.25" (57mm) H x 3.63" (92mm) D
PCC6W1			(5) 25 Amp, 1 Momentary			
PCC10W		10	20 Amp			
PCC10W1			(9) 20 Amp, 1 Momentary			
PCC8R	8-Position Key Pad with Remote Relay Box	8	(3) 20 Amp Relays and (5) 10 Amp Relays	8-Position Rear Connector Block, Supplied Wiring Harness		7.25" (184mm) W x Relay Box: 1.25" (32mm) H x 4.75" (121mm) D
WCC9	Electronic Control for Freedom and Justice® WeCan® Lightbars	6 Push-Buttons And One 4-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		4.19" (106mm) W x 2.50" (64mm) H x 0.88" (22mm) D
WCC92	Electronic Control for Liberty II and Legacy® WeCan Lightbars					

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Flashers

2YR | 12 | SCAN LOCK

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

UFM8

ULF44

UHF2150A

SSFPOS

Model	Usage	Solid-State	Outlets	Switching	Amps	VDC	Patterns	Dimensions
SSFPOS	Positive Switching Headlights	100%	2 Outlets	1x1	12.5 Per outlet	12	7	2.0" (50mm) W x 0.88" (22mm) H x 2.75" (70mm) D
UHF2150A	Positive Or Negative Switching Headlights						4	4.25" (108mm) W x 1.5" (38mm) H x 3.0" (76mm) D
ULF44	LED Lighthead	Controlled Relay Output	4 Outlets 4 Channels	2x2	5 Per Outlet		62 Alternating and Simultaneous	2.75" (70mm) W x 0.75" (26mm) H x 3.5" (89mm) D
UFM8	Halogen/LED Lighthead		4 Outlets	2x2x2x2			17	2.75" (70mm) W x 0.75" (26mm) H x 3.5" (89mm) D

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

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
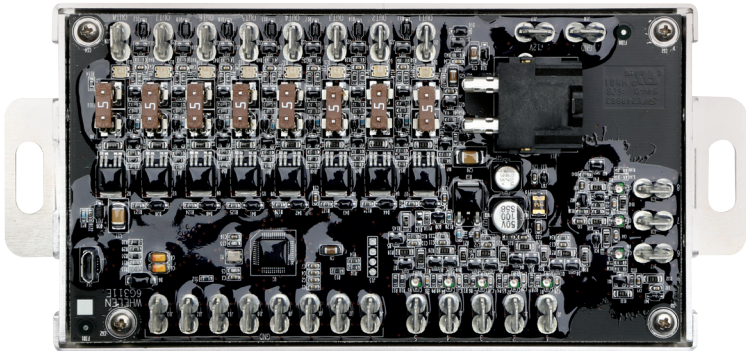
SLFLASH

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

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

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CENCOM
CORE®

CORE-S™

Created to enhance first responder safety, CenCom Core redefined control systems by providing the greatest configurability, speed, and expansion yet. Built to scale with your needs, Core is highly configurable and offers advanced automation, remote connectivity, and true system synchronization.

- Powered by WeCanX®
- Supports any combination of up to 99 WeCanX devices
- Seamlessly integrates with Whelen Command® software
- Remote firmware updates through USB-C with Whelen Command or over-the-air with Whelen Cloud Platform®
- Vehicle-to-Vehicle Sync
- Dynamic Variable Intensity™ light patterns
- 17 total inputs
- 23 total outputs
- 10-year warranty

The newest addition to Whelen's industry-leading Core family of control systems, Core-S™ is a true one-box solution. Its space-saving design allows for installation in tight spaces like in a console or under a dash. And installation has never been easier with connector placement specifically designed for hard-to-reach areas. Core-S features a siren, input/output, and control functionality in one compact box along with an integrated control head.

- Powered by WeCanX
- Seamlessly integrates with Whelen Command software
- Remote firmware updates through USB-C with Whelen Command or over-the-air with Whelen Cloud Platform
- Vehicle-to-Vehicle Sync
- Dynamic Variable Intensity light patterns
- 11 total inputs
- 16 total outputs
- 10-year warranty

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⚠ 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.

CORE-R™

CORE-C™

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

- Powered by WeCanX®
- Supports any combination of up to 99 WeCanX devices
- Seamlessly integrates with Whelen Command® software
- Remote firmware updates through USB-C with Whelen Command or over-the-air with Whelen Cloud Platform®
- Vehicle-to-Vehicle Sync
- Dynamic Variable Intensity™ light patterns
- 8 total inputs
- Does not have its own outputs, supports Steady-Lock® through Remote Expansion Module
- 10-year warranty

Core-C™ is the heart of a sophisticated warning light system for work trucks. Delivering enhanced WeCanX safety features with plug-and-play ease of installation, it combined the intelligence of a WeCanX controller with the functionality of a control head in one compact package.

- Powered by WeCanX
- Seamlessly integrates with Whelen Command software
- Remote firmware updates through USB-C with Whelen Command
- Vehicle-to-Vehicle Sync
- 1 input, 1 output
- Supports a primary WeCanX warning device
- Supports one Remote Expansion Module to bring DVI™ and intelligent lighting control to a vehicle's peripheral lighting like Vertex™, ION™, or Micron™ lightheads.
- Supports Steady-Lock® through Remote Expansion Module
- 10-year warranty

CORE-R™ DOT

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WECANX® CONTROL SYSTEMS

C399	Amplifier Control Module, Flashing Outputs, Includes 3 CANports™, and Controls up to 99 Devices/Remote Modules, Control Heads Purchased Separately
C399R	Control Module, Includes 8 Digital Inputs, 3 CANports and Controls up to 99 Device/Remote Modules, Control Head and Other Optional Modules Purchased Separately. 10-30 VDC
C399S	200 Watt Amplifier Control Module, Flashing Outputs, Includes 3 CANports and Controls Up to 99 Devices/Remote Modules, Control Head and Other Modules Purchased Separately. 12 VDC
C399SH	100 Watt Amplifier Control Module with 100 Watt Howler™, Flashing Outputs, Includes 3 CANports and Controls Up to 99 Devices/Remote Modules, Control Head and Other Modules Purchased Separately. Single Howler Mounting Bracket purchased Separately, 12 VDC
C399S6	Single Unit 200 Watt Siren with Integrated 3 Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob. Manual, Airhorn Plus 3 Traffic Advisor™ Switches and Microphone with Extension Cable
C399S6H	Single Unit 100 Watt Siren and 100 Watt Howler with Integrated 3 Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob. Manual, Airhorn Plus 3 Traffic Advisor Switches and Microphone with Extension Cable, Single Howler Mounting Bracket purchased Separately, 12VDC
C399S7	Single Unit 200 Watt Siren with Integrated 3 Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable
C399S7H	Single Unit 100 Watt Siren and 100 Watt Howler with Integrated 3 Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable, Single Howler Mounting Bracket purchased Separately, 12 VDC
CCP9	Core-C™ - Core™ Control Point and Switch Combination, 4-Position Slide Switch and 6 Push-Buttons. One 5 Amp Output for Auxiliary Lighting. LED TA Indicator, 10-30 VDC and V2V Sync Capable
CCPKT	Core Control Point for use with WeCanX Devices when NOT using CenCom Core® (For use when not Purchasing a Lightbar)
C399RD1	Core-R™ DOT - Control Module, Includes 8 Digital Inputs, 1 WeCanX Port and Controls up to 99 Device/Remote Modules, and One CEM16 Module Mounted in a Single Box, Control Head and Other Optional Modules Purchased Separately. 12 VDC
C399RD2	Core-R™ DOT - Control Module, Includes 8 Digital Inputs, 1 WeCanX Port and Controls up to 99 Device/Remote Modules, and Two CEM16 Modules Mounted in a Single Box, Control Head and Other Optional Modules Purchased Separately. 12 VDC

WECANX CONTROL HEADS

CCTL5	Includes Handheld Combination Microphone and Controller, 5-Position Progressive Light/Siren Control, 9 Push-Buttons and a Microphone Extension Cable
CCTL6	Includes 3 Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob. Manual, Airhorn Plus 3 Traffic Advisor Switches and Microphone with Extension Cable
CCTL7	Includes 3 Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable
CCTL8	Includes 6 Push-Buttons and a 4-Position Slide Switch, Includes Microphone
CCTL8LM	Includes 6 Push-Buttons and a 4-Position Slide Switch (Microphone Not Included)
CCTL9	Includes 2 Section Control Head and 6 Push-Buttons with a 7-Position Rotary Knob, Microphone and Microphone Extension Cable
CCTL9LM	Includes 2 Section Control Head and 6 Push-Buttons with a 7-Position Rotary Knob, (No Microphone and Microphone Extension Cable)
CCTL10	Includes 3 Section Control Head and 21 Push-Buttons, 1 Master Push-Button, Microphone with Extension Cable
CCTLHARN	CenCom Core Control Head Harness Kit, for use with any Non-Primary Control Head exluding the CCTL5, Control Heads Purchased Separately

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OBDII CANPORT™ INSTALLATION KITS FOR CORE™

C399K1	OBDII CANport™ Installation Kit for C399 for 2016-2019 Ford Interceptor Utility, 2020-2022 Ford Interceptor Utility used with Factory Option 61B, 2016-2020 Ford F-150, 2018-2022 Ford, F-250/350 2018-2019 Ford, F-450/550, Expedition and Transit 150/250/350, 2017-2019 Ford Fusion (All Models), 2020 Ford Fusion Hybrid and 2016-2017 Dodge Charger (Not for use with Core-R™ and C399S)
C399K2	OBDII CANport Installation Kit for C399 for Chevy, 2017-2020 Tahoe, 2017-2018 Silverado 1500, 2019-2021 Silverado 1500 (Body Style), 2017-2019 Silverado 2500/3500, 2019-2021 Colorado 1500, 2019 Impala, 2018-2020 Suburban (Not for use with Core-R and C399S)
C399K3	OBDII CANport Installation Kit for C399 for 2018-2020 Ram Classic 1500, 2019-2020 Ram 1500, 2021-2022 Ram 2500/3500, 2018-2022 Dodge Charger and 2018-2022 Dodge Durango (Not for use with Core-R and C399S)
C399K4	2020-2021 Ford Interceptor Utility Gateway Installation Kit for C399, for use WITHOUT Ford 61B Factory Option (Not for use with Core-R and C399S)
C399K5	2020-2021 Ford Expedition, 2020-2022 F-250/F-350/F-450/F550/F-600 Super Duty and 2020-2021 Transit Gateway Installation Kit for C399 (Not for use with Core-R and C399S)
C399K6	2021-2022 Chevy Tahoe and 2021-2022 Suburban Installation Kit for C399 (Not for use with Core-R and C399S)
C399K7	Ford F-150, 2021-2023, Ford F-150 Lightning, 2022-2023, Ford Police Interceptor Utility , 2020-2022, Ford Escape, 2022-2023, Ford Expedition, 2022-2023, and Ford Mustang Mach-E, 2021-2023, Ford Ranger, 2022-2023, Installation Kit for C399 (Not for use with Core-R™ and C399S)
C399K8	2021-2022 Tesla Model Y Installation Kit (Not for use with Core-R and C399S)
C399K9	2022 Chevy Silverado PPV/LTD, 2022 Chevy Colorado Installation Kit (Not for use with Core-R and C399S)

OBDII CANPORT INSTALLATION KITS FOR CORE-R™ AND CORE-S™

C399RK1	OBDII CANport Installation Kit for C399R and C399S Only, for 2016-2019 Ford Interceptor Utility, 2020-2022 Ford Interceptor Utility used with Factory Option 61B, 2016-2020 Ford F-150, 2018-2022 Ford F-250/350, 2018-2019 450/550, Expedition and Transit 150/250/350, 2017-2019 Ford Fusion (All Models), 2020 Ford Fusion Hybrid and 2016-2017 Dodge Charger
C399RK2	OBDII CANport Installation Kit for C399R Only, for Chevy, 2017-2020 Tahoe, 2017-2018 Silverado 1500, 2019-2022 Silverado 1500 (Body Style), 2017-2019 Silverado 2500/3500, 2019-2021 Colorado 1500, 2019 Impala, 2018-2020 Suburban
C399RK3	OBDII CANPort™ Installation Kit for C399R and C399S Only, for Ram Classic 1500, 2018-2020, Ram 1500, 2019-2020, Ram 2500/3500, 2021-2022, Dodge Charger, 2018-2022, and Dodge Durango, 2018-2023
C399RK4	2020 Ford Interceptor Utility Gateway Installation Kit for C399R and C399S Only, for use WITHOUT Ford 61B Factory Option
C399RK5	2020-2021 Ford Expedition, 2020-2022 F-250/F-350/F-450/F550/F-600 Super Duty and 2020-2021 Transit Gateway Installation Kit for C399R and C399S Only
C399RK6	2021-2022 Chevy Tahoe and 2021-2022 Suburban Installation Kit, for C399R and C399S Only
C399RK7	Ford F-150, 2021-2023, Ford F-150 Lightning, 2022-2023, Ford Police Interceptor Utility , 2020-2022, Ford Escape, 2022-2023, Ford Expedition, 2022-2023, and Ford Mustang Mach-E, 2021-2023, Ford Ranger, 2022-2023, Installation Kit for C399R and C399S Only
C399RK8	2021-2022 Tesla Model Y Installation Kit for C399R and C399S Only
C399RK9	2022 Chevy Silverado PPV/LTD, 2022 Chevy Colorado Installation Kit for C399R and C399S Only

Core-S utilizes the Core-R OBD2 Cable. Please make sure that you use the C399RK when specifying Core-S. The C399K* will not work as it uses a different connector.*

SYSTEM EXPANSIONS

CEM8	8 Output, 4 Input WeCanX® Expansion Module
CEM16	16 Output, 4 Input WeCanX Expansion Module
CEM4HC	WeCanX High Current Remote Expansion Module, 4-15 Amp Output
CTA	WeCanX Traffic Advisor™ Remote Module, Traffic Advisor Purchased Separately
CEXAMP	WeCanX External Amplifier
CV2V	Vehicle To Vehicle Module, Includes Internal Antenna

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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 - Directional Flashing Optical Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles
(Aug 21)

SAE J845 - Optical Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles
(Aug 21)

Test Procedures and Materials:

SAE J575 - Test Methods and Equipment for Lighting Devices for Use on Vehicles Less than 203 cm in Overall Width
(Apr 21)

SAE J578 - Chromaticity Requirements for Ground Vehicle Lamps and Lighting Equipment
(Apr 20)

SAE J2139 - Tests for Signal and Marking Devices Used on Vehicles 203 cm or More in Overall Width
(Dec 14)

Signaling and Marking Lighting Devices and Systems:

FMVSS108 - Federal Motor Vehicle Safety Standards

NFPA 1901 - (2009 Edition) For NFPA Application Consult Current NFPA Specification Lighting Packages Catalog

SAE J585 - Tail Lamps (Rear Position Lamps) for Use on Motor Vehicles Less than 203 cm in Overall Width
(Jun 14)

SAE J586 - Stop Lamps for Use on Motor Vehicles Less than 203 cm in Overall Width
(May 16)

SAE J588 - Turn Signal Lamps for Use on Motor Vehicles Less than 203 cm in Overall Width
(Mar 21)

SAE J592 - Sidemarker Lamps for Use on Road Vehicles Less than 203 cm in Overall Width
(Sep 16)

SAE J593 - Backup Lamp (Reversing Lamp)
(Oct 6)

SAE J914 - Side Turn Signal Lamps for Vehicles Less than 12 m in Length
(Aug 14)

SAE J1432 - Rear High Mounted Stop Lamps and Rear High Mounted Turn Signal Lamps for Use on Vehicles 203 cm or More in Overall Width
(Jan 16)

SAE J1889 - LED Signal and Marking Lighting Devices
(Jul 19)

SAE J1957 - Center High Mounted Stop Lamp Standard for Vehicles Less than 203 cm Overall Width
(Jun 11)

SAE J2039 - Side Turn Signal Lamp for Long Vehicles
(Aug 11)

SAE J2040 - Tail Lamps (Rear Position Lamps) for Use on Vehicles 203 cm or More in Overall Width
(Jan 16)

SAE J2042 - Clearance, Sidemarker, and Identification Lamps for On-Road Vehicles 203 cm or More in Overall Width
(May 18)

SAE J2261 - Stop Lamps and Front- and Rear-Turn Signal Lamps for Use on Motor Vehicles 203 cm or More in Overall Width
(July 16)

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COMMERCIAL FLEET PRODUCTS

SAFETY LIGHTS AND ACCESSORIES

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Preferred Warning Lights of **NHRA** CHAMPIONSHIP DRAG RACING