

MANUFACTURED IN AMERICA

2025-2026

COMMERCIAL FLEET PRODUCTS

SAFETY LIGHTS AND ACCESSORIES

WHELEN ENGINEERING COMPANY, INC.



WHELEN[®]
MANUFACTURED IN AMERICA

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About Whelen

Since 1952, Whelen Engineering has been a trusted partner to those who keep our roads, worksites, and communities safe. We are driven by our mission to protect and empower the everyday professionals who ensure the smooth operation of essential services. From advanced warning lights to white illumination, sirens, controllers, and software, every Whelen product is designed, manufactured, and tested in America to deliver exceptional performance in any condition.

We are committed to providing high-quality, reliable solutions tailored to the unique challenges faced by commercial, DOT, and municipal fleets. We're honored to support the professionals who keep America moving forward and take pride in equipping them with the tools they need to enhance efficiency, visibility, and safety.

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



Chester, Connecticut facility



Charlestown, New Hampshire facility

SCAN QR CODES FOR ADDITIONAL INFO AND RESOURCES



Whelen Website

Explore our full range of emergency lighting and warning products, access literature, read our blog, stay updated on upcoming tradeshows, and much more – it's all on whelen.com.



Software Downloads

Everything you need to program and test your Whelen product configurations, including WeCad™, Whelen Command®, and Pioneer™ Designer is available at Whelen.com/software-downloads.



Simulate™

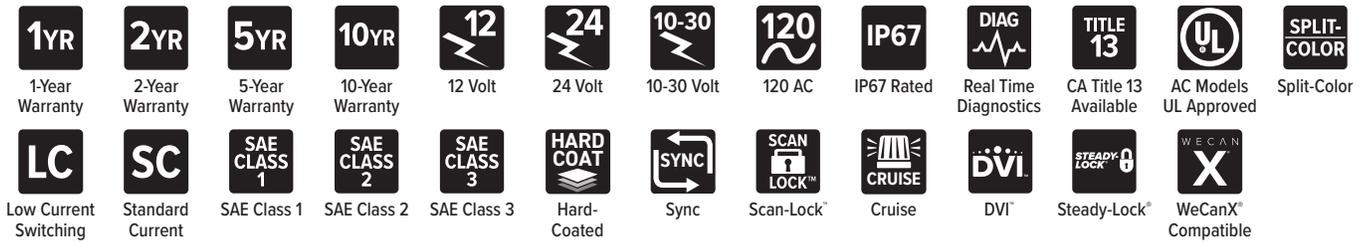
See and hear your Whelen Command WeCanX® configurations before transferring them to your vehicle. Simulate saves time and streamlines programming. Visit simulate.whelen.com to learn more.



Warranty Disclaimer

For our full warranty statement please visit www.whelen.com/warranty.

ICON LEGEND



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

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 lighthouse.

Encapsulated

Lighthouses 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 product's 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 lighthouse 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 lighthouses 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.

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 lighthouse and configurable lightbar product conformance.

LIGHTBARS

Freedom[®] IV DUO[™] & DYAD[™] Series

2YR 5YR 10YR 12V LC SC SAE CLASS 1 HARD COAT SCAN LOCK WE CAN X ISOLO DUO

Download WeCad[™] for models and options



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' (4.88m) exit cable included
- Available with Clear, Color, or Smoked lens
- Brake/Tail/Turn option available
- See page 84 for switching options
- 12 VDC
- SAE Class 1



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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.

Model	Description	Length	Dimensions
F4X4****	Freedom® IV F4X Low Current Series Super-LED® Lightbar, Includes Four Corner Linear-LED® Modules, Four Amber, Blue, Red or White Single-Color Modules	44.5" (113cm)	3.71" (9.42cm) H x 12.41" (31.52cm) W
F4X8****		49.27" (125cm)	
F4X2****		55" (140cm)	
F4X0****		60" (152cm)	
F4X7****		72" (183cm)	
K4W4****	Freedom IV K4W WeCanX® Series Super-LED Lightbar, Includes Four Corner Linear-LED Modules with Independent Control of Each Level of Each Lighthouse, Photocell Included, Four Amber, Blue, Red or White Single- or Two-Color Over/Under Modules	44.5" (113cm)	
K4W8****		49.27" (125cm)	
K4W2****		55" (140cm)	
K4W0****		60" (152cm)	
K4W7****		72" (183cm)	
K424####	Freedom IV K42 DUO® WeCanX Series Super-LED Lightbars with Four Corner Linear-LED® Modules with Independent Control of Each Level of Each Lighthouse, Photocell Included, Four Amber, Blue, Red or White Single- or Two-Color Over/Under Modules	44.5" (113cm)	
K428####		49.27" (125cm)	
K422####		55" (140cm)	
K420####		60" (152cm)	
K427####		72" (183cm)	

OPTIONS

Model	Description
F4DL*	One Single-Color Long 12 Super-LED DYAD® Lighthouse, Amber, Blue, White, Green or Red
F4DS*	One Single-Color Short 6 Super-LED DYAD Lighthouse, Amber, Blue, White, Green or Red
F4A3	Two 3-LED Super-LED Alley Lights
F4A6	Two 6-LED Super-LED Alley Lights
F4TL6	Two 6-LED Super-LED Long Take-Down Lights
F4CF*	Color Filter, Corner Module
F4LF*	Color Filter, Long Module
F4SF*	Color Filter, Short Module



* 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 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.

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Liberty™ II Series



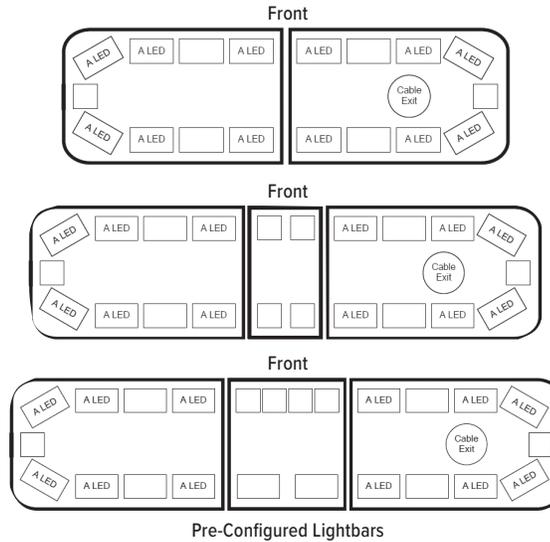
Download WeCad™ for models and options



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 WeCanX® products
- Available with Clear, Color, or Smoked lens
- Brake/Tail/Turn option available
- See page 84 for switching options
- Pre-configured models come with mounting bracket, MKEZ29
- 12 VDC
- SAE Class 1



Model	Description	Length	Dimensions
IX48A6	Pre-Configured (See Diagrams): Liberty II, SOLO™ IX Low Current Series, Four Single	44" (110cm)	2.80" (7.11cm) H x 11.30" (28.70cm) W
IX54A6	Color Corner Modules, For Use with Single-Color Inboard Lighthead Options Only,	48" (123cm)	
IX59A6	Single-Color, Amber, Blue, Red or White	54" (136cm)	
IX4****	Liberty II, SOLO IX Low Current Series, Four Single-Color Corner Modules, For Use	44" (110cm)	
IX8****	with Single-Color Inboard Lighthead Options Only, Single-Color, Amber, Blue, White	48" (123cm)	
IX2****	or Green	54" (136cm)	
IB4****	Single-Color, Amber, Blue, Red or White	44" (110cm)	
IB8****	Single-Color, Amber, Blue, Red or White	48" (123cm)	
IB2****	Single-Color, Amber, Blue, Red or White	54" (136cm)	
IB4####	DUO™ Color, Amber, Blue, Red and/or White	44" (110cm)	
IB8####	DUO Color, Amber, Blue, Red and/or White	48" (123cm)	
IB2####	DUO Color, Amber, Blue, Red and/or White	54" (136cm)	

OPTIONS

Model	Description
IWDL*	One Single-Color Long 6 Super-LED® Lighthead, Amber, Blue, White or Red
WDS*	One Single-Color Short 3 Super-LED® Lighthead, Amber, Blue, White or Red
ITL12	Two Long 12 Super-LED® Take-Down Lights
ITS3	Two Short 3 Super-LED Take-Down Lights
IA3	Two 3 Super-LED® Alley Lights, with 15° Horizontal Adjustment
ICF*	Color Filter, for Corner Module Only
ILF*	Color Filter, Long Module
ISF*	Color Filter, Short Module



* 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 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.

Edge® 9X Series



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

Download WeCad™ for models and options



9XS8AAAA

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
- 12 VDC
- SAE Class 1

EDGE 9X SHORT

Model	Description	Length	Dimensions
9XS5####	Four Two-Color Amber, Blue, White, Green and/or Red, Corner Modules	25" (64cm)	Short: 1.88" (4.78cm) H x 11.53" (29.29cm) W
9XS3####		31" (79cm)	
9XS6####		36" (92cm)	
9XS4####		43" (110cm)	
9XS8####		48" (123cm)	
9XS2####		54" (136cm)	
9XS0####		59" (150cm)	
9XS1####		66" (168cm)	
9XS7####		70" (178cm)	

EDGE 9X TALL

Model	Description	Length	Dimensions
9XT5####	Four Two-Color Amber, Blue, White, Green and/or Red, Corner Modules	25" (64cm)	Tall: 2.73" (6.93cm) H x 11.53" (29.29cm) W
9XT3####		31" (79cm)	
9XT6####		36" (92cm)	
9XT4####		43" (110cm)	
9XT8####		48" (123cm)	
9XT2####		54" (136cm)	
9XT0####		59" (150cm)	
9XT1####		66" (168cm)	
9XT7####		70" (178cm)	

OPTIONS

Model	Description
9SXL#	One DUO Color Long Super-LED® Lighthouse, Red, Blue, Amber and/or White
9SXL***	One Long Super-LED Lighthouse, 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, or White/White
9SXT	One Pair Super-LED® Take-Down or Alley Lights, White
9TXDL#	One DUO Color Long Super-LED Lighthouse, Red, Blue, Amber and/or White
9TXDL***	One Long Super-LED Lighthouse, 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, or White/White
9TXT	One Pair Super-LED Take-Down or Alley Lights, White
9SXDCBL	Driver Side Cable Exit
CCP	Core® Control Point for use with WeCanX Devices when NOT using CenCom Core®
9XEND*	Colored Top, End, for 9X Series, Additional Charge When Purchased with Edge 9X Lightbar, Amber, Blue, and Red
9XSCNT*	Colored Top, Single Section, for 9X Series, Additional Charge When Purchased with Edge 9X Lightbar, Amber, Blue, and Red
9XDCNT*	Colored Top, Double Section, for 9X Series, Additional Charge When Purchased with Edge 9X Lightbar, Amber, Blue, and Red
9TXBTTR	Two Super-LED Brake/Tail/Turn Lights with Red Color Filters
9TXBTC	Two Super-LED Brake/Tail/Turn Lights with Clear Color Filters



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

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Legacy® Series



Download WeCad™ for models and options



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



EB2AAAA 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 WeCanX® products
- Brake/Tail/Turn option available
- 12 VDC
- SAE Class 1
- See page 84 for switching options

Model	Description	Length	Dimensions
ES4****	Single-Color, Amber or White	43.22" (110cm)	1.60" (4.06cm) H x 11.30" (28.70cm) W
ES8****	Single-Color, Amber or White	48" (123cm)	
ES2****	Single-Color, Amber or White	53.75" (137cm)	
EB4****	Legacy EB WeCanX DUO Color Series Super-LED, Includes Four Extra High-Intensity Corner	43.22" (110cm)	
EB8****	Linear-LED® Modules with Independent Control of the Two Colors of Each Lighthouse,	43.22" (110cm)	
EB2****	Single-Color, Amber, and/or White	48" (123cm)	
EB4####	Legacy EB WeCanX DUO Color Series Super-LED, Includes Four Extra High-Intensity Corner	48" (123cm)	
EB8####	Linear-LED® Modules with Independent Control of the Two Colors of Each Lighthouse,	53.75" (137cm)	
EB2####	Two-Color Amber, Blue, White, and/or Green Combinations	53.75" (137cm)	



* 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.

OPTIONS

Model	Description
GBA	Two Alley Lights
GBTS	Two Short 3-LED Take-Downs
GBTL	Two Long 6-LED Take-Downs

Justice® Series

5YR 10YR ≥ 12 LC SC SAE CLASS 1 HARD COAT WE CAN X ISOLO DUO

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 WeCanX® products
- Available with Clear, Color, or Smoked lens
- Brake/Tail/Turn option available
- 12 VDC
- SAE Class 1
- See page 84 for switching options
- Pre-configured models available, includes mounting bracket (MKEZ29)

Model	Description	Length	Dimensions
JEF8AMB	Pre-Configured: Four Corner Linear-LED® and 14 CON3™	50" (127cm)	2.25" (57mm) H x 12" (305mm) W
JEF2AMB	Pre-Configured: Four Corner Linear-LED and 16 CON3	56" (143cm)	
JC4****	Extended Nine Diode Linear-LED® Corners	44" (112cm)	
JC8****		50" (127cm)	
JC2****		56" (143cm)	
JE4****	Standard Six Diode Linear-LED Corners	44" (112cm)	
JE8****		50" (127cm)	
JE2****		56" (143cm)	
RX4####		44" (112cm)	
RX8####	DUO™ Color, Amber/White, Blue/Amber, Amber/Green	50" (127cm)	
RX2####		56" (143cm)	

OPTIONS

Model	Description
JDC*	One CON3, Amber, Blue, White or Red
JDL*	One LIN6™, Amber, Blue, White and/or Red
JALF1	Two LR11 Alley Lights
JWLED2	Two Work Lights
JATLS1	Two LR11 Take-Down Lights



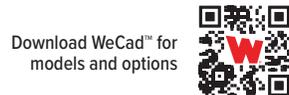
* Replace symbol in model number with letter indicating desired color: A = Amber, B = Blue, C = White, R = Red
 # Replace symbol in model number with letter indicating color combo desired: F = Amber/White, M = Blue/Amber, P = Amber/Green
 Consult current price list for full list of available options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

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Towman's™ Series



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



TOWMAN'S FREEDOM® IV SERIES



F40BAAAA

TOWMAN'S LIBERTY™ II SERIES



BW0BAAAA

TOWMAN'S JUSTICE® COMPETITOR™ SERIES



JF0BAAAA

TOWMAN'S CENTURY™ SERIES



CW0BAAAA

Towman's WeCanX® Edge® 9X Package



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

TALL TOWMAN'S WECANX EDGE 9X SERIES



9BT0FFFF

SHORT TOWMAN'S WECANX EDGE 9X SERIES



9BS0FFFF

FEATURES

- SAE Class 1
- 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	Length	Dimensions
F40BAAAA	Freedom® IV	Four Linear-LED® Corners, Two Super-LED® Work Lights, Two LED Brake/Tail/Turn Lights	Eight Amber Economy LED (Two Front/Six Rear)	Extruded Aluminum	Clear	12 Scan-Lock™	60" (154cm)	3.75" (94mm) H x 12.5" (318mm) W
BW0BAAAA	Liberty™ II		Six Amber Linear-LED (Two Front/Four Rear)		Clear	Patterns Vary	60" (154cm)	2.5" (64mm) H x 11.31" (287mm) W
CW0BAAAA	Century™		Four Amber Linear-LED (Two Front/Two Rear)	Extruded Aluminum I-Beam	Clear	52 Scan-Lock	60" (154cm)	2.25" (57mm) H x 12" (304mm) W
JF0TAAAA	Justice®		Can add Inboard Modules	Black Polycarbonate Base on Extruded Aluminum Platform	Clear Outer Standard, Color Available	52 Scan-Lock	62.37" (158cm)	2.25" (57mm) H x 12" (304mm) W
JF0BAAAA	Justice		Six Amber CON3™			52 Scan-Lock	62.37" (158cm)	
JF0DAAAA	Justice		Amber CON3 & Traffic Advisor™			52 Scan-Lock	62.37" (158cm)	
JF01AAAA	Justice		Six Amber CON3 & B/T/T			52 Scan-Lock	62.37" (158cm)	
JF02AAAA	Justice	Six Amber CON3 & B/T/T	52 Scan-Lock			62.37" (158cm)		
JF0FAAAA	Justice	Work Lights Added	14 Amber CON3 & B/T/T			52 Scan-Lock	62.37" (158cm)	
9BT0FFFF	Edge® 9X	Brake/Tail/Turn Lights, Work Light, Alleys	16 Amber/White	Black Polycarbonate Base on Extruded Aluminum Platform	Clear	WeCanX® Patterns Vary	59" (149.86cm)	
9BS0FFFF	Edge 9X		16 Amber/White		Clear	WeCanX Patterns Vary	59" (149.86cm)	1.88" (48mm) H x 11.53" (293mm) W
9BT7FFFF	Edge 9X		20 Amber/White		Clear	WeCanX Patterns Vary	70" (177.80cm)	2.73" (69mm) H x 11.53" (293mm) W
9BS7FFFF	Edge 9X		20 Amber/White		Clear	WeCanX Patterns Vary	70" (177.80cm)	1.88" (48mm) H x 11.53" (293mm) W

OPTIONS

Freedom IV Options		Liberty II Options		Justice Options		Century Options	
Model	Description	Model	Description	Model	Description	Model	Description
F4EDLA	One Single-Color Long Economy DYAD™ Lighthouse, Amber	IWDLA	Long 6 Super-LED Lighthouse, Amber	JDCA	One CON3	CEDLXA	One LIN12™, Amber
		IWDSA	Short 3 Super-LED Lighthouse, Amber			CDT6A	One TIR6™, Amber

Edge 9X Options	
Model	Description
CCPTP1	Core® Control Point for Use with WeCanX® Devices when NOT Using Cencom Core®, Preprogrammed with Towman's™ Operation
CCP9TP1	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 Core-C, Preprogrammed with Towman's Operation



Edge 9x Towman's Package includes one customer-selected control point



Short Towman's WeCanX® Edge® 9X Series

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MINI LIGHTBARS

Responder[®] HD Series



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" (15.24cm) 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
- Aluminum base
- Amps: 9.0 (peak), 3.6 (avg.)
- 12 VDC
- SAE Class 1
- 55 Scan-Lock™ flash patterns (R10HDP*), SignalAlert™ 75 (R10HDM*/R10HDV*)

Model	Description	Mount	Dimensions
R10HDP*	Six Super-LED [®] Modules, Amber or White, Permanent Mount	Permanent	17.25" (438mm) L x
R10HDM*	Six Super-LED Modules, Amber or White, Magnetic Mount	Magnetic	5.13" (130mm) H x
R10HDV*	Six Super-LED Modules, Amber or White, Magnetic/Suction Cup Mount	Magnetic/Suction	6.31" (160mm) 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.



Responder® R1LP Series



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

FEATURES

- Super-LED® low-profile conical CON3™ mini lightbar
- Polycarbonate dome
- Available with extruded aluminum base or polycarbonate base
- Available in permanent, magnetic and magnetic/suction mounts
- 12 VDC
- SAE Class 1
- Amps: 3.0 (peak), 1.2 (avg.)
- CON3 Super-LED®
- 55 Scan-Lock™ flash patterns, including
 4 simulated rotating patterns (permanent mount only)
- ActionScan™ default for magnetic mount only



R1LPPA



R1LPVF

Model	Description	Mount	Dimensions
R1LPPA	Six Amber CON3 Super-LED Modules, Amber Dome	Permanent	17" (431mm) L x 3" (76mm) H x 6.31" (160mm) W
R1LPPCA	Six Amber CON3 Super-LED Modules, Clear Dome		
R1LPPACA	Six Amber CON3 Super-LED Modules, Amber Dome, CA Title 13 Compliant		
R1LPMA	Six Amber CON3 Super-LED Modules, Amber Dome	Magnetic	
R1LPMCA	Six Amber CON3 Super-LED Modules, Clear Dome	Magnetic/Suction	
R1LPVA	Six Amber CON3 Super-LED Modules, Amber Dome		
R1LPVCA	Six Amber CON3 Super-LED Modules, Clear Dome		
R1LPPF	Six CON3 Super-LED Modules, Amber and White with Clear Dome	Permanent	
R1LPMF	Six CON3 Super-LED Modules, Amber and White with Clear Dome	Magnetic	
R1LPVF	Six CON3 Super-LED Modules, Amber and White with Clear Dome	Magnetic/Suction	
R1LPPP	Six CON3 Super-LED Modules, Amber and Green with Clear Dome	Permanent	



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.



⚠ 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.

Responder® R2LP Series



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

FEATURES

- Dynamic Variable Intensity™ (DVI™) light patterns
- 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
- Amps: 6.0 (peak), 2.4 (avg.)
- 12/24 VDC (R2LPPA4)
- SAE Class 1, CA Title 13 (R2LPPACA)
- 55 Scan-Lock™ flash patterns, including
 - 4 simulated rotating patterns (permanent mount only)
- ActionScan™ default for magnetic mount only
- 33 Scan-Lock flash patterns (RDLPAB and RDLPPAG)



R2LPMF



RDLPAG DUO™

Model	Description	Mount	Dimensions	
R2LPPA	Six Amber LIN6 Super-LED Modules, Amber Dome	Permanent	17" (431mm) L x 3" (76mm) H x 6.31" (160mm) W	
R2LPPCA	Six Amber LIN6 Super-LED Modules, Clear Dome	Permanent		
R2LPPACA	Six Amber LIN6 Super-LED Modules, Clear Dome, CA Title 13 Compliant	Permanent		
R2LPPA4	Six Amber LIN6 Super-LED Modules, Amber Dome	Permanent		
R2LPPMA	Six Amber LIN6 Super-LED Modules, Amber Dome	Magnetic		
R2LPPMCA	Six Amber LIN6 Super-LED Modules, Clear Dome	Magnetic		
R2LPPVA	Six Amber LIN6 Super-LED Modules, Amber Dome	Magnetic/Suction		
R2LPPVCA	Six Amber LIN6 Super-LED Modules, Clear Dome	Magnetic/Suction		
R2LPPHPA	Six Amber LIN6 Super-LED Modules, Amber Dome	Permanent		17" (431mm) L x 3.25" (83mm) H x 6.31" (160mm) W
R2LPPHPCA	Six Amber LIN6 Super-LED Modules, Clear Dome	Permanent		
R2LPPHMA	Six Amber LIN6 Super-LED Modules, Amber Dome	Magnetic		
R2LPPHMCA	Six Amber LIN6 Super-LED Modules, Clear Dome	Magnetic		
R2LPPHVA	Six Amber LIN6 Super-LED Modules, Amber Dome	Magnetic/Suction		
R2LPPHVCA	Six Amber LIN6 Super-LED Modules, Clear Dome	Magnetic/Suction		
R2LPPAD	Six LIN6 Super-LED® Modules, Amber, with DVI and Photocell	Permanent	17" (431mm) L x 3" (76mm) H x 6.31" (160mm) W	
R2LPPCAD	Six LIN6 Super-LED® Modules, Amber, with DVI and Photocell, Clear Dome	Permanent		
R2LPPF	Six LIN6 Split-Color Amber/White Super-LED, Clear Dome, Polycarbonate Base	Permanent		
R2LPMF	Six LIN6 Split-Color Amber/White Super-LED, Clear Dome, Polycarbonate Base	Magnetic		
R2LPPVF	Six LIN6 Split-Color Amber/White Super-LED, Clear Dome, Polycarbonate Base	Magnetic/Suction		
R2LPPM	Six LIN6 Split-Color Amber/Blue Super-LED, Clear Dome, Polycarbonate Base	Permanent		
R2LPPP	Six LIN6 Split-Color Amber/Green Super-LED, Clear Dome, Polycarbonate Base	Permanent		
RDLPAB	Six LIN6 DUO Amber/Blue Super-LED, Clear Dome, Polycarbonate Base	Permanent		
RDLPPAG	Six LIN6 DUO Amber/Green Super-LED, Clear Dome, Polycarbonate Base	Permanent		



Clear dome models are available. Consult price list for ordering information.
 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.

Mini Century™ Series



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



FEATURES

- Extruded aluminum base
- Standard current switching with Scan-Lock™ flash patterns and pattern override
- Low-profile with compression fit gasket for superior moisture resistance
- Pre-configured lightbars
- Corners: Linear Super-LED®
- Inboards: TIR6™ Super-LED
- Extruded aluminum platform
- 12 VDC
- 17 Scan-Lock flash patterns
- SAE Class 1
- MC11: 3.60 amps (peak), 2.20 amps (avg.)
- MC16: 4.80 amps (peak), 3 amps (avg.)
- MC23: 7.20 amps (peak), 4.40 amps (avg.)

Model	Description	Mount	Dimensions
MC11PA	Amber LED, Amber Dome	Permanent	11.5" (292mm) L x 2.4" (61mm) H x 7.74" (197mm) W
MC11MA	Amber LED, Amber Dome	Magnetic	
MC11SA	Amber LED, Amber Dome	0.75" (19mm) Stud	
MC16PA	Amber LED, Amber Dome	Permanent	16.56" (421mm) L x 2.4" (61mm) H x 7.74" (197mm) W
MC16MA	Amber LED, Amber Dome	Magnetic	
MC16VA	Amber LED, Amber Dome	Magnetic/Suction	
MC16SA	Amber LED, Amber Dome	0.75" (19mm) Stud	
MC16PF	Split-Color Amber/White LED, Clear Dome	Permanent	
MC16MF	Split-Color Amber/White LED, Clear Dome	Magnetic	
MC16VF	Split-Color Amber/White LED, Clear Dome	Magnetic/Suction	
MC16SF	Split-Color Amber/White LED, Clear Dome	0.75" (19mm) Stud	23.25" (591mm) L x 2.4" (61mm) H x 7.74" (197mm) W
MC23PA	Amber LED, Amber Dome	Permanent	
MC23MA	Amber LED, Amber Dome	Magnetic	
MC23VA	Amber LED, Amber Dome	Magnetic/Suction	
MC23SA	Amber LED, Amber Dome	0.75" (19mm) Stud	
MC23MF	Split-Color Amber/White LED, Clear Dome	Magnetic	
MC23PF	Split-Color Amber/White LED, Clear Dome	Permanent	
MC23VF	Split-Color Amber/White LED, Clear Dome	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.

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

Mini Justice® Series



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



MJEG1A

FEATURES

- Super-LED® CON3™ modules and Linear Super-LED corners
- Permanent mount supplied with 15' (4.57m) 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
- Polycarbonate platform
- Extruded aluminum base
- Low-profile, only 2.25" (5.72cm) high
- Amber or White LED, Clear Dome
- 12 VDC
- 95 Scan-Lock™ flash patterns
- SAE Class 1
- Pre-configured models available, includes mounting bracket (MKEZ29)

Model	Description	Mount	Dimensions
MJY****P	Linear Super-LED, Amber or White, 4.0 Peak, 1.6/Avg (Four Corners)	Permanent	22" (558mm) L x 2.25" (57mm) H x 12" (304mm) W
MJY****M	Linear Super-LED, Amber or White, 4.0 Peak, 1.6/Avg (Four Corners)	Magnetic	
MJY****V	Linear Super-LED, Amber or White, 4.0 Peak, 1.6/Avg (Four Corners)	Magnetic/Suction	
MJEG1A	Linear and CON3 Super-LED (Four Amber CON3), 6.0 Peak, 2.4 Avg	Magnetic	
MJEP1A	Linear and CON3 Super-LED (Four Amber CON3), 6.0 Peak, 2.4 Avg	Permanent	

OPTIONS

Model	Description
JDC*	One CON3™, Amber or White
JDH*	One Linear Super-LED®, Amber and/or White, Only for Use with Take-Down Lights
MJTDALL1	Four LR11 Super-LEDs, Two Steady-Burn Take-Down and Two Steady-Burn Alley Lights with 15° Horizontal Adjustment, For Permanent Models Only



* 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.

Mini Freedom® IV Series



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

Download WeCad™ for models and options



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 WeCanX® products
- Magnetic mount supplied with 10' (3.05m) cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch
- Extruded Aluminum I-Beam base
- 12 VDC
- 67 Scan-Lock™ flash patterns and SignalAlert™ 75 Default for Magnetic Mount
- SAE Class 1
- Pre-configured models available, includes mounting bracket (MKEZ29)

Model	Description	Mount	Dimensions
F4MAAAAP	Linear Super-LED, Pre-Configured, Amber LED, Clear Dome	Permanent	
F4M****P	Linear Super-LED, Amber or White LED, Clear Dome	Permanent	21.5" (546mm) L x 3.75" (95mm) H x 12.5" (318mm) W
F4M****M	Linear Super-LED, Amber or White LED, Clear Dome	Magnetic	
F4M*O*OF	Front Facing Linear Super-LED, Amber or White LED, Clear Domes	Permanent	
F4B****P	Center Section, Amber or White LED, Clear Dome	Permanent	23.29" (592mm) L x 3.75" (95mm) H x 12.5" (318mm) W
F4G*O*OF	Two Front Corner Facing Linear-LED's, Pre-wired for Miovision Center Mounted Emitter (Purchased Separately), Amber or White LED, Clear Dome	Permanent	

OPTIONS

Model	Description
F4DL*	One Single-Color Long 12 Super-LED® DYAD™ Lighthouse, Amber or White
F4MA3	Two 3-LED Super-LED® Alley Lights, Includes Harnesses
F4MA6	Two 6-LED Super-LED® Alley Lights, Includes Harnesses
F4MTL6	Two 6-LED Super-LED® Long Take-Down Lights, Includes Harnesses



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

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Mini Edge® 9X Series



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

Download WeCad™ for models and options



9XT5FFF

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
- 12/24 VDC
- SAE Class 1

Model	Description	Mount	Dimensions
9XS5####	Short Edge 9XS Series, Four Two-Color Amber/White, Blue/Amber, Amber/Green, 12 VDC, our Two-Color #### Corner Modules	Standard Mounting Feet	25" (64cm) L x 1.86" (48mm) H x 11.52" (293mm) W
9XL5####	Short Edge 9XS Series, Four Two-Color Amber/White, Blue/Amber, Amber/Green, 24 VDC, our Two-Color #### Corner Modules		
9XT5####	Tall Edge 9XT Series, Four Two-Color Amber/White, Blue/Amber, Amber/Green, 12 VDC, our Two-Color #### Corner Modules		25" (64cm) L x 2.71" (69mm) H x 11.52" (293mm) W
9XH5####	Tall Edge 9XT Series, Four Two-Color Amber/White, Blue/Amber, Amber/Green, 24 VDC, our Two-Color #### Corner Modules		

OPTIONS

Model	Description
9SXL#	One DUO™ Color Long Super-LED® Lighthouse, Amber, Blue and/or White
9SXTW*	One DUO Color Super-LED Take-Down or Alley Light, Amber/White, Amber/Green or White/White
9SXT	Super-LED® Take-Down or Alley Lights, White, Pair
9TXDL#	One DUO Color Long Super-LED Lighthouse, Amber, Blue and/or White
9TXTW*	One DUO Color Super-LED Take-Down or Alley Light, Amber/White, Amber/Green or White/White
9TXT	Super-LED® Take-Down or Alley Lights, White, Pair
9SXDCBL	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, C = White

Replace symbol in model number with letter indicating colors 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 Liberty™ II Series



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
- Available with Clear, Color, or Smoked domes
- Permanent mount features a low-profile mounting kit
- Magnetic mount includes 90 lb pull magnets
- Magnetic and magnetic/suction mounts supplied with 10' (3.05m) cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch
- 12 VDC
- SAE Class 1
- 67 Scan-Lock™ flash patterns and SignalAlert™ 75 Default for magnetic mount
- Pre-configured models available, includes mounting bracket (MKEZ29)

Model	Design	Mount	Dimensions
IT9AAAAP	Pre-Configured, Amber LED	Permanent	19.31" (491mm) L x 2.53" (64mm) H x 11.31" (287mm) W
IT9****P	Amber or White LED	Permanent	
IT9****M	Amber or White LED	Magnetic	
IT9****V	Amber or White LED	Magnetic/Suction	
BT9****P	WeCanX®, SOLO™ Color Lightheads, Amber and White, 15' Cable	Permanent	
BT9####P	WeCanX®, DUO™ Color Lightheads, Amber/White, Blue/Amber, Amber/Green, 15' Cable	Permanent	

OPTIONS

Model	Description
IWDS*	One Single-Color Short 3 Super-LED® Lighthead, Amber or White
ITTS	Two Short Super-LED® Take-Down Lights, For IT9 Permanent Mount Only
ITA	Two Super-LED® Alley Lights, For IT9 Permanent Mount Only



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

Replace symbol in model number with letter indicating colors desired: F = Amber/White, M = Blue/Amber, P = Amber/Green

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.

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

Mini Legacy® Series



Download WeCad™ for models and options



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



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
- Permanent mount features a low-profile mounting kit
- Magnetic mount includes 90 lb pull magnets
- Magnetic and magnetic/suction mounts include 10' (3.05m) cord, cigar plug with On/Off switch and Scan-Lock™ flash pattern switch
- 12 VDC
- 67 Scan-Lock™ flash patterns and SignalAlert™ 75 Default For Magnetic Mount
- SAE Class 1

Model	Description	Mount	Dimensions
GT9****P	Amber or White, 15' (4.57m) Cable	Permanent	19.31" (49.05cm) L x
GT9****M	Amber or White	Magnetic	1.60" (4.06cm) H x
GT9****V	Amber or White	Magnetic/Suction	11.31" (28.73cm) W

OPTIONS

Model	Description
GTTS	Two Short Super-LED® Take-Down Lights, For GT9 Permanent Mount Only
GTA	Two Super-LED Alley Lights, For GT9 Permanent Mount Only



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

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Municipal Systems



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

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



Remote L31 Beacon



Stainless Steel Micro 400



Rear 400 Series Lighthoods

FEATURES

- Front system components provide 360° warning visibility and include a 60' (18.29m) TPE cable
- Rear lighthoods have specially designed lenses for wide light output and include Deutsch® waterproof connectors
- Rear housings include a 30' (9.14m) TPE cable with strain relief flex tubing and couplings that provide added safeguard against the elements
- SAE Class 1

SYSTEM 402 - 3 LIGHT SYSTEM

One L31 Beacon and
2 Rear 400 Series Lighthoods

Model	Description
SYS402A	Warning
SYS402B	Warning and Brake/Tail/Turn
SYS402D	Warning, Brake/Tail/Turn, and Back-Up



SYSTEM 401 - 4 LIGHT SYSTEM

Two Micro Freedom® lighthouse assemblies with extended corner modules and 2 Rear 400 Series Lighthoods

Model	Description
SYS401A	Warning
SYS401B	Warning and Brake/Tail/Turn
SYS401D	Warning, Brake/Tail/Turn, and Back-Up



⚠ 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.

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 17.25" (43.30cm) L x 7.25" (18.41cm) W

Model	Description
QFFORD1	2015-2024 Ford F-150 PPV, 2022-2024 Ford F-150 Lightning, and 2017-2025 Ford F-250/F-350 Super Duty, 2017-2025 Ford F-450/F-550, 2018-2025 Ford F600, Black Powder-Coated Aluminum Housing*
QFFORD1W	2015-2024 Ford F-150 PPV, 2022-2024 Ford F-150 Lightning, and 2017-2025 Ford F-250/F-350 Super Duty, 2017-2025 Ford F-450/F-550, 2018-2025 Ford F600, White Powder-Coated Aluminum Housing*
QFFORD1S	2015-2024 Ford F-150 PPV, 2022-2024 Ford F-150 Lightning, and 2017-2025 Ford F-250/F-350 Super Duty, 2017-2025 Ford F-450/F-550, 2018-2025 Ford F600, Black Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
QFFRD1SW	2015-2024 Ford F-150 PPV, 2022-2024 Ford F-150 Lightning, and 2017-2025 Ford F-250/F-350 Super Duty, 2017-2025 Ford F-450/F-550, 2018-2025 Ford F600, White Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
QFRAM2	2019-2024 Ram 1500 Classic, 2021-2024 Ram 2500/3500, Black Powder-Coated Aluminum Housing*
QFRAM2W	2019-2024 Ram 1500 Classic, 2021-2024 Ram 2500/3500, White Powder-Coated Aluminum Housing*
QFRAM2S	2019-2024 Ram 1500 Classic, 2021-2024 Ram 2500/3500, Black Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
QFRAM2SW	2019-2024 Ram 1500 Classic, 2021-2024 Ram 2500/3500, White Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
QFGM2	2019-2024 Chevy Silverado 1500 with Spoiler, Black Powder-Coated Aluminum Housing*
QFGM2W	2019-2024 Chevy Silverado 1500 with Spoiler, White Powder-Coated Aluminum Housing*
QFGM2S	2019-2024 Chevy Silverado 1500 with Spoiler, Black Powder-Coated Steel Housing (Will Work with Magnetic Mount Lights)
QFGM2SW	2019-2024 Chevy Silverado 1500 with Spoiler, 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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QuickFit™ with OE Brake Light, pg. 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.

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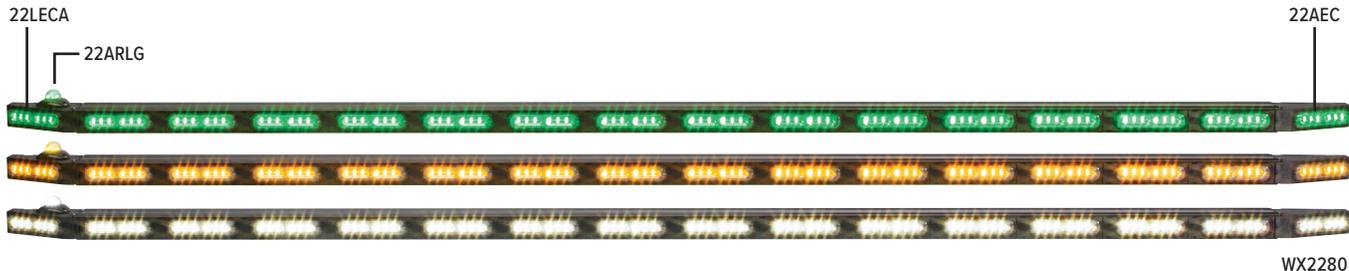
LIGHT ARRAYS

WeCanX® 2250



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

Download WeCad™ for models and options



FEATURES

- Utilizes powerful T-Series™ lighthoods with patented E Block™ technology
- IP67 rated
- 3" (7.62cm) slimmer than 4500 series
- Powered by WeCanX technology
- Functionality configurable in Whelen Command®
- Lighthood configurations easily defined within Whelen's WeCad™ Software
- DUO™ support in warning light options
- Aerial recognition option, increases height to 2.47" (63mm)
- Slide bolt mount
- 10-30 VDC
- SAE Class 1

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

OPTIONS

Model	Description
22L#	Add One DUO™ Color Lighthood, Amber/White, Blue/Amber, Amber/Green
22LOAD	Add One Load Light
22BLANK	Blank Filler Panel, Not Available for Angled End Caps
22EC	One Flat End Cap for Left or Right Side
22AEC	One Angled End Cap
22RECA	One Angled Right End Cap for Use with One Aerial Recognition Light, for Bars 30" (76.20cm) to 50" (127.00cm)
22LECA	One Angled Left End Cap for Use with One Aerial Recognition Light, for Bars 30" (76.20cm) to 50" (127.00cm)
22RECA2	One Angled Right End Cap for Use with One Aerial Recognition Light, for Bars 60" (152.40cm) to 80" (203.20cm)
22LECA2	One Angled Left End Cap for Use with One Aerial Recognition Light, for Bars 60" (152.40cm) to 80" (203.20cm)
22ARL*	Add One Aerial Recognition Light, Amber, Blue, White, Green or Red



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

Tracer™ WeCanX®



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™ or DUO™ 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
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 12 VDC
- SAE Class 1

OPTION



CCP Core® Control Point for Use with One or Two Tracer WeCanX® Models when NOT Using CenCom Core®

Model	Description	Length	Dimensions
TCRWX1	1-Lamp Housing and TCRWXP* SOLO™ Lighthouse, “L” Bracket Mounting (Two Required) Purchased Separately	13.8” (35cm)	0.93” (24mm) H x 2.04” (52mm) D
TCRWX2	2-Lamp Housing and TCRWXP*/TCRWXS* SOLO Lighthouses, “L” Bracket Mounting (Three Required) Purchased Separately	26.16” (66.5cm)	
TCRWX3	3-Lamp Housing and TCRWXP*/TCRWXS* SOLO Lighthouses, “L” Bracket Mounting (Four Required) Purchased Separately	38.53” (98cm)	
TCRWX4	4-Lamp Housing and TCRWXP*/TCRWXS* SOLO Lighthouses, “L” Bracket Mounting (Five Required) Purchased Separately	50.9” (129.5cm)	
TCRWX5	5-Lamp Housing and TCRWXP*/TCRWXS* SOLO Lighthouses, “L” Bracket Mounting (Six Required) or Vehicle-Specific Mounting Purchased Separately	63.26” (161cm)	
TCRWX6	6-Lamp Housing and TCRWXP*/TCRWXS* SOLO Lighthouses, “L” Bracket Mounting (Seven Required) or Vehicle-Specific Mounting Purchased Separately	75.62” (192cm)	
TCRWXP*	Primary SOLO Lighthouse Includes Lamp Driver, One Required in Position 1, for Each SOLO Tracer™, Amber, Blue, White, Green, or Red		
TCRWXS*	Secondary SOLO Lighthouse, Amber, Blue, White, Green, or Red, for Use in Positions 2-6		
TCRWX1	1-Lamp Housing and TCRWXP# DUO™ Lighthouse, “L” Bracket Mounting (Two Required) Purchased Separately	13.8” (35cm)	0.93” (24mm) H x 2.04” (52mm) D
TCRWX2	2-Lamp Housing and TCRWXP# DUO Lighthouses, “L” Bracket Mounting (Three Required) Purchased Separately	26.16” (66.5cm)	
TCRWX3	3-Lamp Housing and TCRWXP#/TCRWXS# DUO Lighthouses, “L” Bracket Mounting (Four Required) Purchased Separately	38.53” (98cm)	
TCRWX4	4-Lamp Housing and TCRWXP#/TCRWXS# DUO Lighthouses, “L” Bracket Mounting (Five Required) Purchased Separately	50.9” (129.5cm)	
TCRWX5	5-Lamp Housing and TCRWXP#/TCRWXS# DUO Lighthouses, “L” Bracket Mounting (Six Required) or Vehicle-Specific Mounting Purchased Separately	63.26” (161cm)	
TCRWX6	6-Lamp Housing and TCRWXP#/TCRWXS# DUO Lighthouses, “L” Bracket Mounting (Seven Required) or Vehicle-Specific Mounting Purchased Separately	75.62” (192cm)	
TCRWXP#	Primary DUO Lighthouse Includes Lamp Driver, One Required in Position 1, for Each DUO Tracer, Amber/White, Red/Amber, or Blue/Amber		
TCRWXS#	Secondary DUO Lighthouse, Amber/White, Red/Amber, or Blue/Amber, for Use in Positions 2-6		



* 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 color combo desired: F = Amber/White, K = Red/Amber, 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.



Dominator™ & Dominator Plus™ Series



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

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



FEATURES

- Low-profile surface mount housing designed for interior or exterior use
- Choice of TIR3™ or LINZ6™ Super-LED® modules
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Internal self-contained electronics
- Pairs may be synchronized to each other for 7 Scan-Lock™ flash patterns
- Extruded aluminum Black powder-coated housing
- 8-lamp modules available with end flashers
- 12 VDC
- SAE Class 1

Model	Description	Mount	Length	Dimensions
D2	2-Lamp, Requires Two D*, 0.4 Amp/Peak, 0.16 Amp/Avg Per Lamp, 7 Scan-Lock™ Flash Patterns	Slide Bolt Mount	7.11" (181mm)	1.74" (44mm) H x 2.17" (55mm) W
D4	4-Lamp, Requires Four D*, 0.4 Amp/Peak, 0.16 Amp/Avg Per Lamp, 10 Scan-Lock Flash Patterns	Slide Bolt Mount	14.21" (361mm)	
D6	6-Lamp, Requires Six D*, 0.4 Amp/Peak, 0.16 Amp/Avg Per Lamp, 10 Scan-Lock Flash Patterns	Slide Bolt Mount	23.26" (590mm)	
D8	8-Lamp, Requires Eight D*, 0.4 Amp/Peak, 0.16 Amp/Avg Per Lamp, 10 Scan-Lock Flash Patterns	Slide Bolt Mount	30.36" (770 mm)	
D*	TIR3 Super-LED Lighthouse, Amber or White	Slide Bolt Mount		
DP2	2-Lamp, Requires Two DP*, 0.44 Amp/Peak, 0.2 Amp/Avg Per Module, 7 Scan-Lock Flash Patterns, CA Title 13	Slide Bolt Mount	7.11" (181mm)	1.74" (44mm) H x 2.17" (55mm) W
DP4	4-Lamp, Requires Four DP*, 0.44 Amp/Peak, 0.2 Amp/Avg Per Module, 7 Scan-Lock Flash Patterns, CA Title 13	Slide Bolt Mount	14.21" (361mm)	
DP6	6-Lamp, Requires Six DP*, 0.44 Amp/Peak, 0.2 Amp/Avg Per Module, 7 Scan-Lock Flash Patterns, CA Title 13	Slide Bolt Mount	23" (58.42cm)	
DP8	8-Lamp, Requires Eight DP*, 0.44 Amp/Peak, 0.2 Amp/Avg Per Module, 7 Scan-Lock Flash Patterns, CA Title 13	Slide Bolt Mount	30" (76.20cm)	
DPTA6A	6-Lamp, Amber LINZ6 Traffic Advisor™, 0.75 Amp/Peak, 0.3 Amp/Avg Per Module, 7 Scan-Lock Flash Patterns, CA Title 13	Slide Bolt Mount	23.36" (590mm)	
DPTA6	6-Lamp, LINZ6 Traffic Advisor, Requires Six DP*, 0.75 Amp/Peak, 0.3 Amp/Avg Per Module, 7 Scan-Lock Flash Patterns, CA Title 13	Slide Bolt Mount	23.36" (590mm)	
DPTA8A	8-Lamp, Amber LINZ6 Traffic Advisor, 0.75 Amp/Peak, 0.3 Amp/Avg Per Module, 7 Scan-Lock Flash Patterns, CA Title 13	Slide Bolt Mount	30.36" (770mm)	
DPTA8	8-Lamp, LINZ6, 6-Lamp Traffic Advisor and Two End Warning Lights, 0.75 Amp/Peak, 0.3 Amp/Avg Per Module, 7 Scan-Lock Flash Patterns, CA Title 13	Slide Bolt Mount	30.36" (770mm)	
DPTAW8	8-Lamp, LINZ6 Traffic Advisor, 0.75 Amp/Peak, 0.3 Amp/Avg Per Module, 7 Scan-Lock Flash Patterns, CA Title 13	Slide Bolt Mount	30.36" (770mm)	
DP*	LINZ6 Super-LED Lighthouse, Amber or White, CA Title 13	Slide Bolt Mount		

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

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WeCanX® 2250, pg. 24

M9 EZ Scene Light™, pg. 71

WHELEN®

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WHELEN
MANUFACTURED IN AMERICA

TRAFFIC ADVISOR™

Traffic Advisor™ Dominator™ Series

5YR   SOLO™

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



DPTA6A



TADCTL1



DPTA8A

FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning function
- Optional TADCTL1 Control Head
- 12 VDC
- SAE Class 1

Model	Description	Cable	Length	Dimensions		
DTA6A	Dominator Traffic Advisor, Requires Six D* Lighthoods, TADCTL1 Control Head Not Included	15' (4.57m) Cable Standard, Alternate Cable Lengths Available, Contact Factory	23.26" (59cm)	1.75" (44mm) H x 2.19" (56mm) W		
DTA6	Dominator Traffic Advisor with Six TIR3™ Amber Lighthoods, TADCTL1 Control Head Not Included		23.26" (59cm)			
DTA8A	Dominator Traffic Advisor with Eight TIR3 Amber Lighthoods, TADCTL1 Control Head Not Included		30.36" (77cm)			
DTA8	Dominator Traffic Advisor, Requires Eight D* Lighthoods, TADCTL1 Control Head Not Included		30.36" (77cm)			
DTAW8	Dominator Traffic Advisor, Requires Eight D* Lighthoods (Six Amber, Two End Warning), TADCTL1 Control Head Not Included		30.36" (77cm)			
DPTA6A	Dominator Plus Traffic Advisor with Six LINZ6™ Amber Lighthoods, TADCTL1 Control Head Not Included		23.26" (59cm)			
DPTA6	Dominator Plus Traffic Advisor, Requires Six DP* Lighthoods, TADCTL1 Control Head Not Included		23.26" (59cm)			
DPTA8A	Dominator Plus Traffic Advisor with Eight LINZ6 Amber Lighthoods, TADCTL1 Control Head Not Included		30.36" (77cm)			
DPTA8	Dominator Plus Traffic Advisor, Requires Eight DP* Lighthoods, TADCTL1 Control Head Not Included		30.36" (77cm)			
DPTAW8	Dominator Plus Traffic Advisor, Requires Eight DP* Lighthoods (Six Amber, Two End Warning), TADCTL1 Control Head Not Included		30.36" (77cm)			
D*	LINZ6 Super-LED® Lighthouse, Amber or White					
DP*	TIR3 Super-LED Lighthouse, Amber or White					

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

Traffic Advisor™ Front Load



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



TANF65



TACF85



TACTL5

FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning function
- 12 VDC
- SAE Class 1, CA Title 13

Model	Description	Cable	Length	Dimensions
TANF65	Traffic Advisor with Six 500 Series Linear-LED® Lighthoods, TACTL5 Control Head Included	15' (4.57m) Cable Standard, Alternate Cable Lengths Available, Contact Factory	34" (86cm)	2.38" (60mm) H x 2.38" (60mm) W
TANF85	Traffic Advisor with Eight 500 Series Linear-LED Lighthoods, TACTL5 Control Head Included		45.13" (115cm)	
TANF85**	Traffic Advisor with Eight 500 Series Linear-LED Lighthoods, TACTL5 Control Head Included		45.13" (115cm)	
TACF85	Traffic Advisor with Eight CON3™ Super-LED Lighthoods, TACTL5 Control Head Included		45.13" (115cm)	
TACF85**	Traffic Advisor with Eight CON3 Super-LED Lighthoods, TACTL5 Control Head Included		45.13" (115cm)	
TADF6	Traffic Advisor with Six DUO™ Linear Super-LED® Lighthoods, No Control Head Required		34" (86cm)	
TADF8	Traffic Advisor with Eight DUO Linear Super-LED Lighthoods, No Control Head Required		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™ Rear Slot Mount



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



TAM63



TAZ86



TACTL5

FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning function
- 12 VDC
- SAE Class 1
- Split-color options available

Model	Description	Cable	Length	Dimensions
TAM63	Traffic Advisor with Six TIR3™ Lighthoods, TACTL5 Control Head Included	15' (4.57m) Cable Standard, Alternate Cable Lengths Available, Contact Factory	23.26" (59cm)	1.74" (44mm) H x 2.17" (55mm) W
TAM83	Traffic Advisor with Eight TIR3 Lighthoods, TACTL5 Control Head Included		30.36" (77cm)	
TAM83**	Traffic Advisor with Eight TIR3 Lighthoods, TACTL5 Control Head Included		30.36" (77cm)	
TAZ66	Traffic Advisor with Six LINZ6™ Lighthoods, TACTL5 Control Head Included		23.26" (59cm)	
TAZ86	Traffic Advisor with Eight LINZ6 Lighthoods, TACTL5 Control Head Included		30.36" (77cm)	
TAZ86**	Traffic Advisor with Eight LINZ6 Lighthoods, TACTL5 Control Head Included		30.36" (77cm)	

* 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.

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

Traffic Advisor™ Flat Mount



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



TAL65



TAM65



TA4437M



TACTL5

FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning function
- 12 VDC
- SAE Class 1

Model	Description	Cable	Length	Dimensions
TAL65	Traffic Advisor with Six 500 Series 5mm LED Lightheads, TACTL5 Control Head Included	15' (4.57m)	36" (91cm)	2.88" (73mm) H x 2.25" (57mm) W
TAL85	Traffic Advisor with Eight 500 Series 5mm LED Lightheads, TACTL5 Control Head Included	15' (4.57m)	46.88" (119cm)	
TA4437M	Traffic Advisor with Eight 500 Series 5mm LED Lightheads, Two Piece, TACTL5 Control Head Included	15' (4.57m)	21.88" (56cm)	2.46" (62mm) H x 4.41 (112mm) W
TA4437M1	Traffic Advisor with Eight 500 Series 5mm LED Lightheads, Two Piece, TACTL5 Control Head Included	30' (9.14m)	21.88" (56cm)	
TA4437M2	Traffic Advisor with Eight 500 Series 5mm LED Lightheads, Two Piece, TACTL5 Control Head Included	50' (15.24m)	21.88" (56cm)	
TAM65	Traffic Advisor with Six TIR6 500 Series Lightheads, TACTL5 Control Head Included	15' (4.57m)	23" (58cm)	1.75" (44mm) H x 2.19" (56mm) W
TAM85	Traffic Advisor with Eight TIR6 500 Series lightheads, TACTL5 Control Head Included	15' (4.57m)	30.06" (76cm)	
TAM85**	Traffic Advisor with Eight TIR6 500 Series Lightheads, TACTL5 Control Head Included	15' (4.57m)		

** Indicates flashing end modules
Consult current price list for full list of available options at whelen.com/literature.

Traffic Advisor™ 2200 Series



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



TA2240F



TACTL5

FEATURES

- Utilizes powerful 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
- 10-30 VDC
- SAE Class 1 and CA Title 13

Model	Description	Length	Dimensions
TA2230F	Traffic Advisor with Six Super-LED® Lightheads, TACTL5 Control Head Included	32" (82cm) with Flat End Caps	1.66" (42mm) H x 2.28" (58mm) W
TA2240F	Traffic Advisor with Eight Super-LED Lightheads, TACTL5 Control Head Included	42" (107cm) with Flat End Caps	1.66" (42mm) H x 2.28" (58mm) W

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

Traffic Advisor™ TAC8 (Economy)

5YR ≥ 12 IP67 SAE CLASS 1 HARD COAT SOLO™

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



TAC815

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
- Alternate cable lengths available, contact factory
- 12 VDC
- SAE Class 1

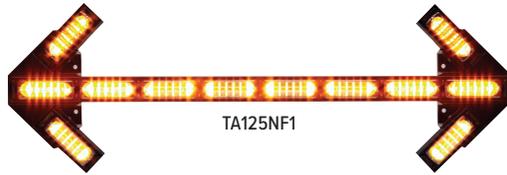
Model	Description	Cable	Length	Dimensions
TAC815	Traffic Advisor with Eight SOLO™ Super-LED Lightheads, Control Head Included	15' (4.57m)	47.75" (121cm)	2" (50mm) H x 2.64" (70mm) W
TAC830	Traffic Advisor with Eight SOLO Super-LED Lightheads, Control Head Included	30' (9.14m)	47.75" (121cm)	
TAC850	Traffic Advisor with Eight SOLO Super-LED Lightheads, Control Head Included	50' (15.24m)	47.75" (121cm)	



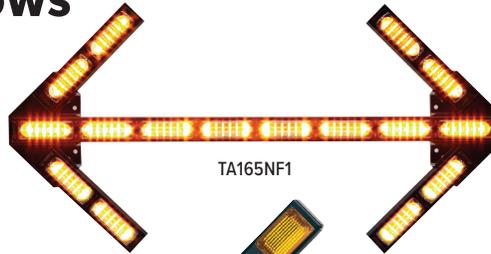
Traffic Advisor™ 4500/Arrows

5YR ≥ 12 SAE CLASS 1 HARD COAT SOLO™

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



TA125NF1



TA165NF1



TACTL6



TA45B72



TA166AL5

FEATURES

- Extruded aluminum housing
- Left arrow, right arrow, split arrow, and warning functions
- Alternate cable lengths available, contact factory
- 12 VDC
- SAE Class 1

Model	Description	Cable	Length	Dimensions
TA125NF1	Traffic Advisor with Twelve 500 Series Linear Super-LED® Lightheads, TACTL6 Control Head Included (Arrow)	25' (7.62m)	46" (117cm)	15" (381mm) H x 3.5" (89mm) W
TA125NF2	Traffic Advisor with Twelve 500 Series Linear Super-LED Lightheads, TACTL6 Control Head Included (Arrow)	50' (15.24m)	46" (117cm)	
TA165NF1	Traffic Advisor with Sixteen 500 Series Linear Super-LED Lightheads, TACTL6 Control Head Included (Arrow)	25' (7.62m)	46" (117cm)w	23" (584mm) H x 3.5" (89mm) W
TA165NF2	Traffic Advisor with Sixteen 500 Series Linear Super-LED Lightheads, TACTL6 Control Head Included (Arrow)	50' (15.24m)	46" (117cm)	
TA166AL5	Traffic Advisor with Sixteen 600 Series Lightheads, TACTL6 Control Head Included (Arrow)	60' (18.29m)	60" (152.40cm)	36.5" (927mm) H x 4" (102mm) W
TA45B72	Traffic Advisor with Eight 700 Series Lightheads, TACTL5 Control Head Included (Straight)	35' (10.67m)	72" (183cm)	4.75" (121mm) H x 5.14" (131mm) W



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.

BEACON SERIES

R316 & R416 Series



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



R316AF



R416AF

FEATURES

- 100% solid-state “rotating” technology simulates the appearance of a rotating beacon without any moving parts or motors
- Smooth polycarbonate outer dome
- Virtually no RFI/EMI radiation
- Powder-coated die-cast aluminum base
- Conformal coated electronics for moisture and vibration resistance
- Available in permanent, magnetic and magnetic/suction mounts
- 12 VDC
- Amps: 5.60 (peak), 2.24 (avg.)
- 32 Scan-Lock™ flash patterns

Model	Profile	LED Color	Dome Color	Mount	Compliance	Dimensions
R316*F	Low	Single Amber or White	Amber	Permanent	SAE Class 1	4" (102mm) H x 7.2" (183mm) Dia.
R316*M	Low	Single Amber or White	Amber	Magnetic	SAE Class 1	
R316*V	Low	Single Amber or White	Amber	Magnetic/Suction	SAE Class 1	
R316**F	Low	Split-Color Front/Rear	Clear	Permanent	SAE Class 1	
R316**M	Low	Amber/White or	Clear	Magnetic	SAE Class 1	
R316**V	Low	Amber/Blue	Clear	Magnetic/Suction	SAE Class 1	
R416*F	High	Single Amber or White	Amber	Permanent	SAE Class 1	4.88" (124mm) H x 6.44" (164mm) Dia.
R416*M	High	Single Amber or White	Amber	Magnetic	SAE Class 1	
R416*V	High	Single Amber or White	Amber	Magnetic/Suction	SAE Class 1	
R416**F	High	Split-Color Front/Rear	Clear	Permanent	SAE Class 1	
R416**M	High	Amber/White or	Clear	Magnetic	SAE Class 1	
R416**V	High	Amber/Blue	Clear	Magnetic/Suction	SAE Class 1	

* 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

Model	Description
L40BG	Branch Guard for R416 / L41 Series Beacons
MIRROR20	Mirror Mount Bracket for R316 / R416 / L31 / L32 / L21 / L22 / L50 / L10 Series Beacons
BBKT30	Shelf Mount Bracket for R316 / R416 / L31 / L32 Series, Stainless Steel, Mounts to Flat Vertical Surface
L360PMKT	Pipe Mount Kit for R316 / L31 / L32 Flat Mount
L360BGB	Branch Guard Kit for R316 / L31H Series

L31 & L32 Series



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



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
- Dynamic Variable Intensity™ (DVI™) light patterns (L31 only)
- 12/24 VDC
- Amps:
 - L31: 4 (peak), 1.6 (avg.) @ 12 VDC
 - L32: 2 (peak), 0.8 (avg.) @ 12 VDC
 - L31: 1.30 (peak), 0.52 (avg.) @ 24 VDC
 - L32: 2 (peak), 0.8 (avg.) @ 24 VDC
- Permanent mount 69 built-in Scan-Lock™ flash patterns plus 4 simulated rotating patterns
- Magnetic mount SignalAlert™ 75 only
- Hi/Low control

Model	Profile	LED Color	Dome Color	Mount	Compliance	Dimensions
L31H*F	High	Amber or White	Amber or Clear	Permanent	SAE Class 1	4" (102mm) H x 7.19" (182mm) Dia.
L31H*M	High	Amber or White	Amber or Clear	Magnetic	SAE Class 1	
L31H*V	High	Amber or White	Amber or Clear	Magnetic/Suction	SAE Class 1	
L31HAF4	High	Amber	Amber	Permanent	SAE Class 1	
L31HAFCA	High	Amber	Amber	Permanent	CA Title 13	
L31HAMCA	High	Amber	Amber	Magnetic	CA Title 13	
L31HAVCA	High	Amber	Amber	Magnetic/Suction	CA Title 13	
L31HMF	High	Amber/Blue	Clear	Permanent	SAE Class 1	
L31HPF	High	Amber/Green	Clear	Permanent	SAE Class 1	
L32L*F	Low	Amber or White	Amber or Clear	Permanent	SAE Class 1	2.63" (67mm) H x 7.19" (182mm) Dia.
L32L*M	Low	Amber or White	Amber or Clear	Magnetic	SAE Class 1	
L32L*V	Low	Amber or White	Amber or Clear	Magnetic/Suction	SAE Class 1	
L32LAF4	Low	Amber	Amber	Permanent	SAE Class 1	

* 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

Model	Description
MIRROR20	Mirror Mount Bracket for L31 / L32 / L21 / L22 / L50 / L10 Series Beacons
BBKT30	Shelf Mount Bracket for L31/L32 Series, Stainless Steel, Mounts to Flat Vertical Surface
L360PMKT	Pipe Mount Kit for L31/32 Flat Mount
L360BGB	Branch Guard Kit for L31H Series

⚠ 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.

L41 Series



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



L41AP

FEATURES

- Super-LED® beacon
- Medium-profile, smooth polycarbonate outer dome
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Powder-coated die-cast aluminum base
- Available in permanent, magnetic and magnetic/suction mounts
- Virtually no RFI/EMI radiation
- SignalAlert™ 75 (magnetic and suction mount only)
- 25 Scan-Lock™ flash patterns, including steady-burn (permanent mount only)
- Amps: 1.5 (peak), 0.6 (avg.)
- 12VDC

Model	LED Color	Dome Color	Mount	Compliance	Dimensions
L41*P	Amber or White	Amber or Clear	Permanent	SAE Class 1	4.75" (121mm) H x 6.44" (164mm) Dia.
L41*M	Amber or White	Amber or Clear	Magnetic	SAE Class 1	
L41*V	Amber or White	Amber or Clear	Magnetic/Suction	SAE Class 1	



* 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

Model	Description
L40BG	Branch Guard for L41 Series Beacons

L50 Series



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
- Encapsulated (L51*P and L51*M only)
- 12 VDC
- Amps:
 - L51: 1.5 (peak), 0.6 (avg.)
 - L53: 0.4 (peak), 0.16 (avg.)
- L51 Models: 25 Scan-Lock flash patterns, L53 Models: 15 Scan-Lock flash patterns, All Cigar Plug Models: SignalAlert 75 only



L51AP



L51AM

Model	LED Color	Dome Color	Mount	Compliance	Dimensions
L51*P	Amber or White	Amber or Clear	Permanent	SAE Class 1	3.75" (95mm) H x 5" (127mm) Dia.
L51*M	Amber or White	Amber or Clear	Magnetic	SAE Class 1	
L53AP	Amber	Amber	Permanent	SAE Class 3	
L53AM	Amber	Amber	Magnetic	SAE Class 3	



* 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

Model	Description
MIRROR15	Mirror Mount Bracket for L50

L10 Series



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



L10LAP



L10HFP

FEATURES

- Super-LED® beacon
- High- and low-dome models
- Polycarbonate base
- Available in permanent, magnetic and magnetic/suction mounts
- Virtually no RFI/EMI radiation
- Available in SOLO™ and DUO™
- 12/24 VDC
- 18 Scan-Lock™ flash patterns
- Amps: 1.0 (peak), 0.4 (avg.)

Model	Profile	LED Color	Dome Color	Mount	Compliance	Dimensions
L10H#P	High	DUO Amber/White,	Clear	Permanent/ Pipe/Hook	SAE Class 1 (Amber)	6.4" (163mm) H x 6.3" (161mm) Dia.
L10L#P	Low	Amber/Blue, or Amber/Green	Clear		SAE Class 1 (Amber)	4.9" (125mm) H x 6.3" (161mm) Dia.
L10H*P	High	Amber or White	Amber or Clear		SAE Class 1 (Amber)	6.4" (163mm) H x 6.3" (161mm) Dia.
L10HAP4	High	Amber	Amber	SAE Class 1 (Amber)		
L10HAM	High	Amber	Amber	Magnetic	SAE Class 1 (Amber)	
L10HAV	High	Amber	Amber	Magnetic/Suction	SAE Class 1 (Amber)	4.9" (125mm) H x 6.3" (161mm) Dia.
L10L*P	Low	Amber or White	Amber or Clear	Permanent/ Pipe/Hook	SAE Class 1 (Amber)	
L10LAP4	Low	Amber	Amber	Pipe/Hook	SAE Class 1 (Amber)	
L10LAM	Low	Amber	Amber	Magnetic	SAE Class 1 (Amber)	
L10LAV	Low	Amber	Amber	Magnetic/Suction	SAE Class 1 (Amber)	

OPTIONS

Model	Description
MIRROR20	Mirror Mount Bracket for L31 / L32 / L21 / L22 / L50 / L10 Series Beacons
BBKT20	Shelf Mount Bracket for L21 / L22 / L10 Series Beacons, Stainless Steel, Mounts to Flat Vertical Surface
BGL	Branch Guard for Low-Dome for L21 / L22 / L10 Series Beacons
BGH	Branch Guard, High-Dome for L21 / L22 / L10 Series Beacons
MMK	90 Lb. Pull Magnetic Mount Kit, with 8' Straight Cord & Plug for L21 / L22 / L10 Series Beacons
LSK	Single Lighted Switch (15 Amp Rated), Mounted on Bracket, Wired and Fused
DH2000*	Replacement High-Dome for L21 / L22 / L10 Series Beacons
DL2000*	Replacement Low-Dome for L21 / L22 / L10 Series Beacons



* 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.

⚠ 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.

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
- 12/24 VDC
- Amps:
 - L21: 4 (peak), 1.60 (avg.) @ 12 VDC
 - L22: 4 (peak), 1.60 (avg.) @ 12 VDC
 - L21: 3 (peak), 1.20 (avg.) @ 24 VDC
 - L22: 3 (peak), 1.20 (avg.) @ 24 VDC
- 25 Scan-Lock™ flash patterns, SignalAlert™ 75 Default

Model	Profile	LED Color	Dome Color	Mount	Compliance	Dimensions
L21H*P	High	Amber or White	Amber or Clear	Perm/Pipe/"J" Hook	SAE Class 1 (Amber)	6.81" (172mm) H x 6.44" (163mm) Dia.
L21H*M	High	Amber or White	Amber or Clear	Magnetic	SAE Class 1 (Amber)	
L21H*V	High	Amber or White	Amber or Clear	Magnetic/Suction	SAE Class 1 (Amber)	
L21H*P4	High	Amber or White	Amber or Clear	Perm/Pipe/"J" Hook	SAE Class 1 (Amber)	
L21L*P	Low	Amber or White	Amber or Clear	Perm/Pipe/"J" Hook	SAE Class 1 (Amber)	5.31" (134mm) H x 6.44" (163mm) Dia.
L21L*M	Low	Amber or White	Amber or Clear	Magnetic	SAE Class 1 (Amber)	
L21L*V	Low	Amber or White	Amber or Clear	Magnetic/Suction	SAE Class 1 (Amber)	
L21L*P4	Low	Amber or White	Amber or Clear	Perm/Pipe/"J" Hook	SAE Class 1 (Amber)	
L22H*P	High	Amber or White	Amber or Clear	Perm/Pipe/"J" Hook	SAE Class 1 (Amber)	6.81" (172mm) H x 6.44" (163mm) Dia.
L22H*M	High	Amber or White	Amber or Clear	Magnetic	SAE Class 1 (Amber)	
L22H*V	High	Amber or White	Amber or Clear	Magnetic/Suction	SAE Class 1 (Amber)	
L22L*P	Low	Amber or White	Amber or Clear	Perm/Pipe/"J" Hook	SAE Class 1 (Amber)	5.31" (134mm) H x 6.44" (163mm) Dia.
L22L*M	Low	Amber or White	Amber or Clear	Magnetic	SAE Class 1 (Amber)	
L22L*V	Low	Amber or White	Amber or Clear	Magnetic/Suction	SAE Class 1 (Amber)	

OPTIONS

Model	Description
MIRROR20	Mirror Mount Bracket for L31 / L32 / L21 / L22 / L50 / L10 Series Beacons
BBKT20	Shelf Mount Bracket for L21 / L22 / L10 Series Beacons, Stainless Steel, Mounts to Flat Vertical Surface
BGL	Branch Guard for Low-Dome for L21 / L22 / L10 Series Beacons
BGH	Branch Guard, High-Dome for L21 / L22 / L10 Series Beacons
MMK	90 Lb. Pull Magnetic Mount Kit, with 8' (2.44m) Straight Cord & Plug for L21 / L22 / L10 Series Beacons
LSK	Single Lighted Switch (15 Amp Rated), Mounted on Bracket, Wired and Fused
DH2000*	Replacement High-Dome for L21 / L22 / L10 Series Beacons
DL2000*	Replacement Low-Dome for L21 / L22 / L10 Series Beacons



* 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.

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MIRROR20, pg. 36

 **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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DASH & DECK

Avenger® II Series



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

FEATURES

- Combination Linear/TIR™ optics provide high-intensity warning and illumination, with a smaller profile to maximize space for optimal versatility
- Black polycarbonate housing
- Cigar plug series models include 10' (3.05m) 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
- 12 VDC
- SAE Class 1



Model	Description	Mount	Dimensions (Includes Housing)
AVC11*	Single Lamp, SOLO, Amber, Blue, White or Red, 26 Scan-Lock Flash Patterns	Mounts Via Swivel/ Bail Bracket with 3 Suction Cups	6.5" (165mm) W, Single 10.25" (260mm) W, Dual x 1.75" (44mm) H x 4.5" (114mm) D Height With Adjustable Mounting Bracket: 1.6" (41mm) to 2.9" (74mm)
AVC21**	Dual Lamp, SOLO, Amber, Blue, White or Red, 55 Scan-Lock Flash Patterns		
AVC12#	Single Lamp, DUO, Amber/White, Red/Amber, Blue/Amber, or Amber/Green, 26 Scan-Lock Flash Patterns		
AVC22FF	Dual Lamp, DUO, Two Amber/White, 55 Scan-Lock Flash Patterns		
AVC22MM	Dual Lamp, DUO, Two Blue/Amber, 55 Scan-Lock Flash Patterns		
AVC13***	Single Lamp, TRIO, Blue/Amber/White, Green/Amber/White, Red/Amber/White, White Override, 26 Scan-Lock Flash Patterns		
AVC23***	Dual Lamp, TRIO, Blue/Amber/White, Green/Amber/White, Red/Amber/White, White Override, 55 Scan-Lock Flash Patterns		



* 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, K = Red/Amber, M = Blue/Amber, P = Amber/Green
 Replace *** symbol in model number with letter indicating TRIO colors desired:
 BAC = Blue/Amber/White, GAC = Green/Amber/White, RAC = Red/Amber/White
 Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

Model	Description
AVBKT1	Low-Profile Mounting (Headliner) Bracket for Single Avenger® II Series Only
AVBKT2	Low-Profile Mounting (Headliner) Bracket for Dual Avenger® II Series Only
AVBKT3S	Visor Mounting Bracket for Single Avenger® II Series Only
AVBKT3D	Visor Mounting Bracket for Dual Avenger® II Series Only
AVBKT4	Adjustable Height Bracket Kit for All Avenger® II's
AVBKT5S	Headliner Mounting Bracket, Adjustable, for Single Avenger® II Series Only
AVBKT5D	Headliner Mounting Bracket, Adjustable, for Dual Avenger® II Series Only

SpitFire® ION®



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
- Supplied with integral hood and 10' (3.05m) cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch
- 12 VDC
- SAE Class 1 and CA Title 13
- Amps: 1.0 (peak), 0.4 (avg.)
- 25 Scan-Lock™ flash patterns

Model	Description	Mount	Dimensions
SFION*	Super-LED, Amber or White	Includes Universal Bracket, Windshield Suction Cup Mount	5.09" (129mm) W x 1.56" (40mm) H x 3.38" (86mm) D

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

FlatLighter™



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



FLLEDAA

FEATURES

- 8' (2.44m) straight cord with cigar plug included
- 12 VDC
- 21 Scan-Lock flash patterns
- SAE Class 1
- Amps: 0.9 (peak), 0.36 (avg.), per side

Model	Description	Mount	Dimensions
FLLED**	Dual Lamp, 5mm LED	Visor Mount, Includes Velcro® Mounting Straps	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



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

SlimLighter®



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

FEATURES

- TIR6™ Super-LED® interior light
- Supplied with 10' (3.05m) cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch
- 12 VDC
- SAE Class 1
- 21 Scan-Lock™ flash patterns
- Amps: 1.5 (peak), 0.6 (avg.)



SLPMAA

Model	Description	Mount	Dimensions
SLPMM**	Super-LED® Interior Light, Amber or White	Swivel Bracket for Permanent or Suction Cup Mounting Included	16.38" (416mm) W x 1.65" (42mm) H x 1.79" (45mm) D

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

Slim-Miser™



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

FEATURES

- LED interior light
- Supplied with 10' (3.05m) cord and cigar plug with built-in On/Off switch with LED "On" indicator and pattern control selection switch
- 12 VDC
- SAE Class 1
- Amps: 0.72 (peak), .025 (avg.)
- 17 Scan-Lock flash patterns



SMLLAA

Model	Description	Mount	Dimensions
SMLLAA	Dual 5mm LED Panels, Amber/Amber	Swivel Mount with 3 Suction Cups	12.88" (327mm) W x 1.63" (42mm) H x 2.75" (70mm) D



LIGHTHEADS

U-Series™



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



U180KG

FEATURES

- Innovative U-shaped optics create 180° light output
- DUO™ or TRIO™ models available
- Universal or under-mirror mounting options available
- Conformal coated electronics for moisture and vibration resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Smoked lenses available
- Synchronizes with other Whelen products
- 35 Scan-Lock™ flash patterns, including steady-burn
- 10-30 VDC
- Amps: 0.68 (peak), 0.27 (avg.) @ 12.8 VDC

Model	Description	LED Color	Dimensions
U180#	DUO, Clear Lens	Amber/White, Red/Amber, Blue/Amber, or Green/Amber	0.76" (19mm) D x 2.8" (7.11cm) Dia.
U180#*	TRIO, Individual Control of Each Color, Clear Lens	Red/Blue/Amber, Red/Amber/White, Red/Amber/Green, or Green/Amber/White	



Replace # symbol in model number with letter indicating DUO colors desired:
 F = Amber/White, K = Red/Amber, M = Blue/Amber, P = Green/Amber
 Replace #* symbol in model number with letter indicating TRIO colors desired:
 JA = Red/Blue/Amber, KC = Red/Amber/White, KG = Red/Amber/Green, PC = Green/Amber/White
 Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

Model	Description
U18013	2019-2024 Chevy Silverado 1500/2500, Under-the-Side View Mirror Mount for Two U-Series Lightheads, Pair
U18044	2013-2024 Dodge Durango, Under-the-Side View Mirror Mount for Two U-Series Lightheads, Pair
U18047	2022-2024 Ford F-150 PPV, 2022-2023 Ford F-150 Lightning, Under-the-Side View Mirror Mount for Two U-Series Lightheads, Pair (Does Not Work with 360° Camera Package)
U18050	2020-2024 Ford Police Interceptor Utility, Under-the-Side View Mirror Mount for Two U-Series Lightheads, Pair (For Use with Ford's Factory Side Marker LED Side View Mirror Option)
U18054	2021-2024 Chevy Tahoe PPV/SSC, 2024 Chevy Suburban, Under-the-Side View Mirror Mount for Two U-Series Lightheads, Pair
U18059	2024 Chevy Blazer EV PPV, Under-the-Side View Mirror Mount for Two U-Series Lightheads, Pair

⚠ 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.

VXE® Series



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



VX3RAC



VXF2#

FEATURES

- DUO™ and TRIO™ functionality
 - DUO: 8 LEDs
 - TRIO: 12 LEDs
- Directional light output
- Low profile/compact design
- 1" (25mm) mounting grommet
- Smoked lenses available
- Steady only (CORE® Suite or external flasher) or SmartLED® (DUO Only)
- 10-30 VDC
- Amps: 0.83 (peak), 0.52 (avg.) @ 12.8 VDC

Model	Description	LED Color	Dimensions
VX2#	Directional DUO Lighthouse	Amber/White, Red/Amber, Blue/Amber, or Amber/Green	1.35" (34mm) W x 1.40" (36mm) H x 0.30" (8mm) D, 1" (25mm) Dia.
VX3***	Directional TRIO Lighthouse	Green/Amber/White, Red/Amber/White, Red/Amber/Green, or Red/Blue/Amber	
VXF2#	Directional DUO Lighthouse, Embedded Flasher with 27 Built-In Flash Patterns, 9" (22.86cm) Pigtail	Amber/White, Red/Amber, Blue/Amber, or Amber/Green	



Replace # symbol in model number with letter indicating DUO colors desired: F = Amber/White, K = Red/Amber, M = Blue/Amber, P = Green/Amber
 Replace *** symbol in model number with letter indicating TRIO colors desired:
 GAC = Green/Amber/White, RAC = Red/Amber/White, RAG = Red/Amber/Green, RBA = Red/Blue/Amber
 Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

Model	Description
PLF46	Programmable Light Flasher, Four Inputs, Six Outputs (30 Amps Total), Includes DVI™ and Steady-Lock®
ULF44	Four Outlet, Four Channel LED Flasher, 60 Watts Per Outlet, More Than 60 Scan-Lock™ Flash Patterns, Allowing for Alternating, Simultaneous and Synchronized Flashing Lighthoods
SLFLASH	SmartLogic™ Programmable Flasher



T-Series™ and Mini T-Series, pg. 43-44

Mini T-Series™

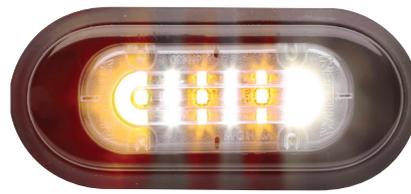


Features available across product family. May not apply to every model.

Scan the QR code to view Mini T-Series replacement models matrix



TMS0A



TMS0F



Mini T-Series Profile

FEATURES

- Linear Super-LED® technology
- Surface and stud mount models available
- Dynamic Variable Intensity™ (DVI™) flash patterns
- 10-30 VDC
- SAE Class 1
- Surface mount models come with black flange
- Chrome and White flanges purchased separately
- SOLO™/DUO™: 0.80 (peak), 0.50 (avg.) @ 12.8 VDC
- TRIO™: 0.35 (peak), 0.22 (avg.) @ 12.8 VDC

Model	Description	LED Color	Dimensions
TMS0*	Surface Mount	Amber or White	Surface mount: 3.34" (8.48cm) W x 1.49" (3.78cm) H x 0.54" (14mm) D
TMSP*	Surface Mount, Low Power	Amber or White	
TMS0#	Surface Mount, DUO Color	Amber/White, Red/Amber, Blue/Amber, or Amber/Green Only	Stud mount: 2.35" (5.97cm) W x 1.03" (2.62cm) H x 0.48" (12mm) D
TMSP#	Surface Mount, DUO Color, Low Power	Amber/White, Red/Amber, Blue/Amber, or Amber/Green Only	
TMS0**	Surface Mount, TRIO™ Color	Red/Blue/Amber, Red/Amber/White, Red/Amber/Green, Blue/Amber/White, Blue/Amber/Green, Green/Amber/White	Stud mount with flange: 3.34" (8.48cm) W x 1.49" (3.78cm) H x 0.48" (12mm) D
TMT0*	Stud Mount	Amber, Blue, Red or White	
TMTP*	Stud Mount, Low Power	Amber, Blue, Red or White	
TMT0#	Stud Mount, DUO Color	Amber/White, Red/Amber, Blue/Amber, or Amber/Green Only	
TMTP#	Stud Mount, DUO Color, Low Power	Amber/White, Red/Amber, Blue/Amber, or Amber/Green Only	
TMT0**	Stud Mount, TRIO Color	Red/Blue/Amber, Red/Amber/White, Red/Amber/Green, Blue/Amber/White, Blue/Amber/Green, Green/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, K = Red/Amber, M = Blue/Amber, P = Amber/Green
 ** Replace symbol in model number with letter indicating colors desired:
 JA = Red/Blue/Amber, KC = Red/Amber/White, KG = Red/Amber/Green, MC = Blue/Amber/White,
 MG = Blue/Amber/Green, PC = Green/Amber/White
 Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

Model	Description
TMFLANGB	Black Flange for Stud Mount
TMFLANGC	Chrome Flange for Surface or Stud Mount
TMFLANGW	White Flange for Surface or Stud Mount
TIONMGRM	Grommet Mount Kit
TIONMBK1	Optional Universal Adjustable License Plate Bracket for Two Mini T-Series Lightheads, Vertical Mount
TIONMBK2	Optional Universal Swivel License Plate Bracket for Two Mini T-Series Lightheads, Horizontal Mount
TIONMBK4	Optional Universal Over/Under "L" Mounting Bracket for Two Mini T-Series Lightheads

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

T-Series™



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

Scan the QR code to view Mini T-Series replacement models matrix



TSS0A



TSS0F

FEATURES

- Linear Super-LED® technology
- Surface mount models come with a Black flange. Chrome and White flanges purchased separately.
- Dynamic Variable Intensity™ (DVI™) flash patterns
- Surface and stud mount models available
- SAE Class 1
- 10-30 VDC
- SOLO: 1.10 (peak), 0.69 (avg.) @ 12.8 VDC
- DUO: 0.54 (peak), 0.34 (avg.) @ 12.8 VDC
- TRIO™: 0.60 (peak), 0.38 (avg.) @ 12.8 VDC

Model	Description	LED Color	Dimensions
TSS0*	Surface Mount	Amber or White	Surface Mount: 5.14" (131mm) W x 1.49" (38mm) H x 0.54" (14mm) D
TSSP*	Surface Mount, Low Power	Amber or White	
TSS0#	Surface Mount, DUO® Color	Amber/White, Red/Amber, Blue/Amber, or Amber/Green Only	
TSSP#	Surface Mount, DUO Color, Low Power	Amber/White, Red/Amber, Blue/Amber, or Amber/Green Only	
TSS0#*	Surface Mount, TRIO™ Color	Red/Blue/Amber, Red/Amber/White, Red/Amber/Green, Blue/Amber/White, Blue/Amber/Green, Green/Amber/White	Stud Mount: 4.16" (106mm) W x 0.91" (23mm) H x 0.42" (11mm) D
TST0*	Stud Mount	Amber, Blue, Red or White	
TSTP*	Stud Mount, Low Power	Amber, Blue, Red or White	
TST0#	Stud Mount, DUO Color	Amber/White, Red/Amber, Blue/Amber, or Amber/Green Only	
TSTP#	Stud Mount, DUO Color, Low Power	Amber/White, Red/Amber, Blue/Amber, or Amber/Green Only	Stud Mount with Flange: 5.14" (131mm) W x 0.91" (23mm) H x 0.42" (11mm) D
TST0#*	Stud Mount, TRIO Color	Red/Blue/Amber, Red/Amber/White, Red/Amber/Green, Blue/Amber/White, Blue/Amber/Green, Green/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, K = Red/Amber, M = Blue/Amber, P = Amber/Green
 #* Replace symbol in model number with letter indicating colors desired:
 JA = Red/Blue/Amber, KC = Red/Amber/White, KG = Red/Amber/Green, MC = Blue/Amber/White,
 MG = Blue/Amber/Green, PC = Green/Amber/White
 Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

Model	Description
TSFLANGB	Black Flange for Stud Mount
TSFLANGC	Chrome Flange for Surface or Stud Mount
TSFLANGW	White Flange for Surface or Stud Mount
TIONBKT1	Optional Universal "L" Mounting Bracket for One T-Series Lighthouse 1.5" (38mm) High Bracket with the Center Line of the Mounting Holes at 0.89" (23mm) High
TIONBKT2	Optional Universal Adjustable License Plate Bracket for Two T-Series Lighthouses
TIONBKT3	Optional Universal "L" Mounting Bracket for Two T-Series Lighthouses
TIONBKT4	Optional Universal T-Series Lighthouses
TIONBKT5	2020-2024 Ford Police Interceptor Utility, Grille Array, for Six T-Series Lighthouses (Purchased Separately)
TIONBKT6	Optional Universal "L" Mounting Bracket for One T-Series Lighthouse 2" (51mm) High Bracket with the Center Line of the Mounting Holes at 1.39" (35mm) High
TIONBKT7	2021-2023 Chevy Tahoe Running Board Mounting Bracket, Sold as a pair
TIONWEDG	Optional Wedge Kit, Includes One 15° and Two 5° Wedges

Mega T-Series™



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



PSJA3FCR

FEATURES

- SAE Class 1 Certified
- Linear Super-LED® optics
- Models have 73 Scan-Lock™ flash patterns, including steady-burn
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Easily mounts to the surface via 2 screws
- Includes Black flange
- E Block™ technology prevents air and moisture from entering lighthead
- 10-30 VDC
- Amps: 0.88 (peak), 0.35 (avg.) @ 12.8 VDC

Model	Description	LED Color	Dimensions
PSJA3FCR	TRIO, Clear Lens	Red/Blue/Amber	11.11" (282mm) W x 1.68" (43mm) H x 0.53" (14mm) D
PSKC3FCR	TRIO, Clear Lens	Red/Amber/White	
PSMC3FCR	TRIO, Clear Lens	Blue/Amber/White	
PSKG3FCR	TRIO, Clear Lens	Red/Amber/Green	
PSMG3FCR	TRIO, Clear Lens	Blue/Amber/Green	
PSPC3FCR	TRIO, Clear Lens	Green/Amber/White	



OPTIONS

Model	Description
PSFC	Optional, Chrome Flange
PSBKT45	45° Mounting Bracket for One Mega T-Series Lighthead
PSBKT2	Guard for One Mega T-Series Lighthead
PSBKT90	90° Mounting Bracket for One Mega T-Series™ Lighthead



⚠ 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® Family, pg. 86



M6 Series, pg. 65

Mega T-Series™, pg. 45



Power Your Entire Fleet with Core[®]

The Industry's Most Advanced Control System



Freedom[®] IV Series, pg. 4



Micron[™] Series, pg. 52

EST. 1952

Strip-Lite™ Plus Sequence Light



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



PSSEQACR Shown In Sequencing Mode

FEATURES

- Sequencing features: left, right, split, and flashing patterns
- 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" (30.48cm) pigtail cable included
- 12 VDC
- Amps: 1.93 (peak), 0.77 (avg.)

Model	Description	LED Color	Dimensions
PSSEQACR	Sequencing Light, Clear Lens Color, 6 Sequencing or 11 Scan-Lock™ Flash Patterns	Amber	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.

OPTIONS

Model	Description
PSFC	Chrome Flange



ION® Series



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



IONSMA



ION profile



IONA

FEATURES

- SOLO™ models available in single- or split-colors
- DUO™ models feature Linear-LED® optics
- Surface or universal mount
- 12 VDC
- SAE Class 1
- SOLO™: 1.0 (peak), 0.4 (avg.)
- DUO™: 0.7 (peak), 0.28 (avg.) per color

Model	Description	LED Color	Dimensions
ION*	Directional Linear Super-LED®, 33 Scan-Lock® Flash Patterns, Universal Mount	Amber or White	Universal Mount: 4.09" (104mm) W x 1.02" (26mm) H x 1.33" (34mm) D
ION#	Directional Linear Split-Color Super-LED, 33 Scan-Lock Flash Patterns, Universal Mount	Blue/Amber or Amber/White	
WION*	Wide-Angle Linear Super-LED, 33 Scan-Lock Flash Patterns, Universal Mount	Amber or White	
WION#	Wide-Angle Linear Super-LED, 33 Scan-Lock Flash Patterns, Universal Mount	Blue/Amber or Amber/White	
IONSM*	Directional Linear Super-LED, 33 Scan-Lock Flash Patterns, Surface Mount	Amber or White	
IONSMC*	Directional Linear Super-LED, 33 Scan-Lock Flash Patterns, Surface Mount	Amber or White	
IONSM#	Directional Linear Super-LED, 33 Scan-Lock Flash Patterns, Surface Mount	Blue/Amber or Amber/White	
IONSMC#	Directional Linear Super-LED, 33 Scan-Lock Flash Patterns, Surface Mount	Blue/Amber	
WIONSM*	Wide-Angle Linear Super-LED, 33 Scan-Lock Flash Patterns, Surface Mount	Amber or White	
WIONSMC*	Wide-Angle Linear Super-LED, 33 Scan-Lock Flash Patterns, Surface Mount	Amber or White	
WIONSM#	Wide-Angle Linear Super-LED, 33 Scan-Lock Flash Patterns, Surface Mount	Blue/Amber or Amber/White	
WIONSMCD	Wide-Angle Linear Super-LED, 33 Scan-Lock Flash Patterns, Surface Mount	Blue/Amber or Amber/White	
I2#	Linear DUO Super-LED, 69 Scan-Lock Patterns, Universal Mount	Blue/Amber or Amber/White	Surface Mount: 5.91" (150mm) W x 1.69" (43mm) H x 1.10" (28mm) D
I2SM#	Linear DUO Super-LED, 69 Scan-Lock Patterns, Surface Mount	Blue/Amber or 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
 Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

Model	Description
IONK1B	Optional Swivel Mount Bracket, Black
IONGROM	Grommet Mount Kit
IONSFB	SpitFire® Mount Kit Includes Hood and Suction Cups, Less Cigar Cord, Black
IONBKT1	Optional Universal License Plate Bracket for Two ION® Lighthoods, Horizontal Mount, Not for Use with Surface Mount ION® Models
IONBKT5	Universal Mount, Reversed, Allows Access to Mounting Screws without Removing the Light

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

ION® V-Series™



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



IONV3A



ION V-Series profile



IONSV1C



IONSV profile

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, Chrome, or White housing
- Combination models - Warning, Flood, and Puddle: 0.89 (peak), 0.57 (avg.)
- SAE Class 1, CA Title 13 (IONV1 - Amber Only)

Model	Description	LED Color	Dimensions
IONV3*	Linear Super-LED®, Universal Mount, Black Housing, 33 Scan-Lock™ Flash Patterns	Amber or White	Surface Mount: 5.91" (15.01cm) W x 1.69" (4.29cm) H x 1.98" (5.03cm) D
IONSV3*	Linear Super-LED, Surface Mount, Black Housing, 33 Scan-Lock Flash Patterns	Amber or White	
IONSV3*W	Linear Super-LED, Surface Mount, White Housing, 33 Scan-Lock Flash Patterns	Amber or White	
IONSV3*C	Linear Super-LED, Surface Mount, Chrome Housing, 33 Scan-Lock Flash Patterns	Amber or White	Universal Mount: 4.09" (10.39 cm) W x 1.04" (2.64 cm) H x 2.19" (5.56 cm) D
IONV1*	Linear and TIR Super-LED with Directional Light, Universal Mount, Black Housing, 25 Scan-Lock Flash Patterns	Amber or White	
IONSV1*	Linear and TIR Super-LED with Directional Light, Surface Mount, Black Housing, 25 Scan-Lock Flash Patterns	Amber or White	
IONSV1*C	Linear and TIR Super-LED with Directional Light, Surface Mount, Chrome Housing, 25 Scan-Lock Flash Patterns	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.

OPTIONS

Model	Description
IONK1B	Optional Swivel Mount Bracket, Black
IONGROM	Grommet Mount Kit
IONSFB	SpitFire® Mount Kit Includes Hood and Suction Cups, Less Cigar Cord, Black
IONBKT1	Optional Universal License Plate Bracket for Two ION® Lighthoods, Horizontal Mount, Not for Use with Surface Mount ION® Models
IONBKT5	Universal Mount, Reversed, Allows Access to Mounting Screws Without Removing the Light

TIR3™, LIN3™, LINZ6™, & LINV2™ Series



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" (15.24cm) pigtail cable included
- 12 VDC
- SAE Class 1

Model	Description	LED Color	Dimensions
RS*03ZCR	Directional, TIR3 Super-LED®, 26 Scan-Lock® Flash Patterns, Horizontal Surface, 0.4 (Peak), 0.16 (Avg.)	Amber or White	3.6" (91mm) W x 1.3" (33mm) H x 1.32" (34mm) D
RV*03ZCR	Directional, TIR3 Super-LED®, 26 Scan-Lock Flash Patterns, Vertical Surface, 0.4 (Peak), 0.16 (Avg.)	Amber or White	
RS*02ZCR	Directional, LIN3 Super-LED, 25 Scan-Lock Flash Patterns, Horizontal Surface, 0.4 (Peak), 0.16 (Avg.)	Amber or White	
LINZ6*	Directional, LINZ6 Super-LED, Single: 25 Scan-Lock Flash Patterns, Split: 69 Scan-Lock Flash Patterns Horizontal Surface, 0.75 (Peak), 0.3 (Avg.)	Amber or White	4.05" (103mm) W x 2.05" (52mm) H x 1.60" (41mm) D
LINZ6F	Split Directional, LINZ6 Super-LED, Single: 25 Scan-Lock Flash Patterns, Split: 69 Scan-Lock Flash Patterns Horizontal Surface, Horizontal Surface, 0.75 (Peak), 0.3 (Avg.)	Amber/White	
LINZ61	Split Directional, LINZ6 Super-LED, Single: 25 Scan-Lock Flash Patterns, Split: 69 Scan-Lock Flash Patterns Horizontal Surface Horizontal Surface, 0.75 (Peak), 0.3 (Avg.)	Amber/Amber	
LINV2*	Combination Warning and Puddle Light, LINV2 Super-LED, 25 Scan-Lock Flash Patterns, Horizontal Surface, 0.75 (Warning), 0.12 (Puddle)	Amber or White	3.88" (99mm) W x 1.58" (40mm) H x 1.65" (42mm) D
LINSV2*	Combination Warning and Puddle Light, LINV2 Super-LED, 25 Scan-Lock Flash Patterns, Under Surface Mounting, 0.75 (Warning), 0.12 (Puddle)	Amber or White	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

Model	Description
RFLANGCD	Optional, Deep, Chrome-Plated Mounting Flange Kit (Not for Use with LINV2™ Series)
RFLANG2B	Optional Black, Dual Surface Mount Flange Kit for Two Lightheads
RGROMMET	Grommet Mount Kit
RBKT1	Optional "L" Mounting Bracket for 1 Lighthead (Consider Using LIN3™ Mounting Flange when Used with LINZ6™, Not for Use with RV Series)
RBKT2	Optional "L" Mounting Bracket for 2 Lightheads (Consider Using LIN3™ Mounting Flange when Used with LINZ6™, Not for Use with RV Series)

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

Vertex™ Series



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



FEATURES

- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option
- Fully encapsulated lamp and in-line lamp driver for moisture and vibration resistance
- Clear outer lens, Color LEDs
- Recess or Surface Mount, Omnidirectional Super-LED®
- 9' (2.74m) 22 AWG Cable
- 12 VDC
- 25 Scan-Lock™ flash patterns
- SAE Class 2 and 3, IP67 (SOLO Only)
- Amps: 1.0 (peak), 0.4 (avg.)

OPTIONS

Model	Description	LED Color	Dimensions
VTX609*	SOLO™ Color	Amber, Blue or White	1" (26mm) H x
VTX9#	DUO™ Color	Amber/White, Blue/Amber or Amber/Green	1.63" (41mm) Dia.

Models	Description
VTXFB	Black Flange
VTXFC	Chrome Flange



* 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, P = Amber/Green
 Consult current price list for full list of available options at whelen.com/literature.

Micron™ Series



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



FEATURES

- Surface mount via 2 screws for easy installation
- Fully encapsulated for moisture, vibration, and corrosion resistance
- 4" (102mm) compact lighthoods designed for use in virtually any lighting application
- Directional light pattern
- 6" (15.24cm) pigtail cable included
- Super-LED®
- Amps: 0.6 (peak), 0.24 (avg.)
- 12 VDC
- 25 Scan-Lock™ flash patterns
- SAE Class 1, CA Title 13 (single-color only)

Model	Description	LED Color	Dimensions
MCRNS*	Single-Color, Surface Mount, Black Housing	Amber or White	Surface Mount: 4.04" (10.26 cm) W x 0.89" (23 mm) H x 0.83" (21 mm) D
MCRNSC*	Single-Color, Surface Mount, Chrome Housing	Amber or White	
MSRNS#	Split-Color, Surface Mount, Black Housing	Amber/White or Blue/Amber	Stud Mount: 3.24" (82mm) W x 0.69" (18mm) H x 0.82" (21mm) D
MSRNSC#	Split-Color, Surface Mount, Chrome Housing	Amber/White or Blue/Amber	
MCRNT*	Single-Color, Stud Mount, Silver Housing	Amber or White	
MCRNT#	Split-Color, Stud Mount, Silver Housing	Amber/White, Blue/Amber, or Amber/Green	



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

OPTIONS

Models	Description
MCRNB1	"L" Angle Mounting Bracket, Black
MCRNB2	Optional Universal License Plate Bracket for Two MCRNS Lighthoods, Horizontal Mount

OS™ Series



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



OSA00FCR



OSC00SCR



OACOEDCR

FEATURES

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

Model		LED Color	Dimensions
OSCOEDCR	White Illumination, Amps: 0.02 (Peak), 0.01 (Avg.), Steady Patterns	White	1.55" (39mm) W x 0.92" (23mm) H x 0.50" (13mm) D
OACOEDCR	White Illumination, Amps: 0.02 (Peak), 0.01 (Avg.), Steady Patterns	White	1.88" (48mm) W x 0.95" (24mm) H x 0.84" (21mm) D
OS*00FCR	Flasher, Amps: 0.06 (Peak), 0.03 (Avg.), Single Flash Patterns	Amber or White	1.55" (39mm) W x 0.92" (23mm) H x 0.50" (13mm) D
OS*00SCR	Flasher, Amps: 0.06 (Peak), 0.03 (Avg.), Steady Patterns	Amber or White	1.55" (39mm) W x 0.92" (23mm) H x 0.50" (13mm) 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

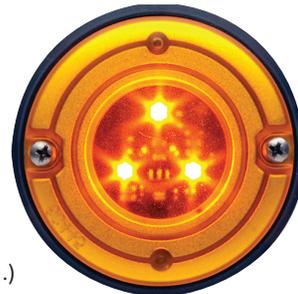
3" Round Series



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

FEATURES

- Clear or Amber lens
- Conformal coated electronics for moisture and vibration resistance
- 8" (20.32 cm) pigtail cable included
- 12 VDC
- Amps: 0.42 (peak), 0.21 (avg.)
- 45° angle illuminates step surfaces and areas needing angled lighting, interior or exterior use



3SA00FAR



3SC00FCR

Model	Description	LED Color	Dimensions
3S*00F*R	3" Round Surface Mount LED, Amber or Clear Lens Color	Amber or White	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

Models	Description
3FLANGE	Chrome Flange
3GROMMET	Grommet

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

4" Round Series



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



2FA00ZAR



2EA00ZAR

FEATURES

- Supplied with adapter for PAR-36 (4.5" (11.43cm)) applications
- Conformal coated electronics for moisture and vibration resistance
- Wide-angle Super-LED® lighthouse accommodates various applications
- 6" (15.24cm) pigtail cable included
- Surface or grommet mount
- 12 VDC
- 25 Scan-Lock™ flash patterns
- SAE Class 1

Model	Description	LED Color	Dimensions
2F*00Z*R	Flat Lens Optics, TIR6™ Super-LED®, Clear or Amber Lens Color, 0.8/Peak, 0.32/Avg	Amber or White	1.19" (30mm) D x 4.25" (108mm) Dia.
2E*00Z*R	Extended Lens Optics, LINZ6™ Super-LED, Clear or Amber Lens Color, 2/Peak, 0.9/Avg	Amber or White	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.

OPTIONS

Model	Description
2FLANGEB	Black Flange
2FLANGEC	Chrome Flange
2GROMMET	Grommet

2G & 5G Series



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



FEATURES

- SAE Class 1
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Fully encapsulated for moisture, vibration, and corrosion resistance
- 9" (22.86cm) pigtail
- 10-30 VDC
- Warning models have 33 Scan-Lock™ flash patterns
- SOLO™: 0.71 (peak), 0.29 (avg.)
- Split: 0.54 (peak), 0.23 (avg.) per color
- BTT: 0.27 Brake, 0.03 Tail
- Turn: 0.41 (peak)
- Back-Up: 0.16 (peak)

2G SERIES

Model	Description	LED Color	Dimensions
2G*	Super-LED® Warning Light, Lens Matches Selected LED Color	Amber, Blue, White, Green, or Red	1.25" (32mm) D (with grommet) x 5.5" (140mm) Dia.
2G*C	Super-LED Warning Light, Clear Lens	Amber, Blue, White, Green, or Red	
2G#	Split, Side-By-Side with Independent On/Off Control of Each Side, Clear Lens	Amber/White, Red/Amber, Blue/Amber, Amber/Green	
2GBTT	Super-LED Brake/Tail/Turn, Red Lens	Red	
2GBTTC	Super-LED Brake/Tail/Turn, Clear Lens	Red	
2GT	Super-LED Turn Light, Amber Lens	Amber	
2GTC	Super-LED Turn Light, Amber LED, Clear Lens	Amber	
2GBU	Super-LED Back-Up Light, Clear Lens	White	
2GA1	Super-LED Amber Warning Light with Superseal Connector, Amber Lens	White	
2GAC1	Super-LED Amber Warning Light with Superseal Connector, Clear Lens	Amber	
2GBTT1	Super-LED Brake/Tail/Turn with Industry Standard Connector, Red Lens	Amber	

5G SERIES

Model	Description	LED Color	Dimensions
5G*	Super-LED Warning Light, Lens Color Matches LED Color	Amber, Blue, White, Green, or Red	7.59" (19.27cm) W x 3.39" (8.61cm) H x 1.41" (3.58cm) D (with grommet)
5G*C	Super-LED Warning Light, Clear Lens	Amber, Blue, White, Green, or Red	
5G#	Split-Color with Clear Outer Lens, Independent On/Off Control of Each Color	Amber/White, Red/Amber, Blue/Amber, Amber/Green	
5GBTT	Super-LED, Brake/Tail/Turn, Red Lens	Red	
5GBTTC	Super-LED, Brake/Tail/Turn, Clear Lens	Red	
5GT	Super-LED Amber Turn Light, Amber Lens	Amber	
5GTC	Super-LED Amber Turn Light, Clear Lens	Amber	
5GBU	Super-LED Back-Up Light, Horizontal Mount, Clear Lens	White	
5GBUV	Super-LED Back-Up Light, Vertical Mount, Clear Lens	White	
5GA1	Super-LED Amber Warning Light with Superseal Connector, Amber Lens	Amber	
5GAC1	Super-LED Amber Warning Light with Superseal Connector, Clear Lens	Amber	



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

OPTIONS

Model	Description
2GBKT1	"L" Mounting Bracket
2GFLANGB	Surface Mount Black Flange Kit
2GFLANGC	Surface Mount Chrome Plated Flange Kit

OPTIONS

Model	Description
5GBKT1	"L" Mounting Bracket
5GFLANGB	Surface Mount Black Flange Kit
5GFLANGC	Surface Mount Chrome Plated Flange Kit

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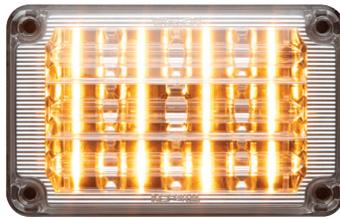
400 Series Plus



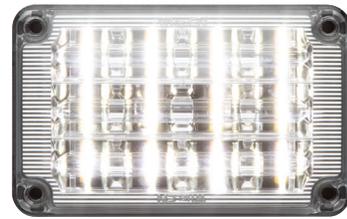
Features available across product family. May not apply to every model.



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
- SOLO™, 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 lighthouse
- Conformal coated electronics for moisture and vibration resistance
- Same mounting footprint and accessories as the original 400 Series
- 10-30 VDC
- SAE Class 1
- Amps: 0.8 (avg.)

Model	Description	Lens Color	Dimensions
404*0S*R	SOLO, Steady LED, Requires Optional Flasher	Clear or Color Lens	5.44" (13.82cm) W x 3.61" (9.17cm) H x 1.31" (3.33cm) D
404#0SCR	DUO, Steady LED, Requires Optional Flashers	Clear	
404*0Z*R	SOLO, SmartLED®, Warning has 32 Scan-Lock® Flash Patterns	Clear or Color Lens	1.31" (3.33cm) D
404#0ZCR	DUO, SmartLED, Warning has 32 Scan-Lock Flash Patterns	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

Model	Description
4EFLANGE	Chrome Flange
4FLANGEB	Black Flange
5TSMAB	Surface Mount Adapter, Black, Also Available in Chrome
5LSMAC	Surface Mount Adapter, Chrome, Also Available in Black
4EGRILP	Grille-Master™, Chrome
4EGRILPB	Grille-Master™ Black

500 Series



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



50A03ZAR



50A02ZAR



5V3A

FEATURES

- Available with Linear Super-LED® or TIR6™ optics
- Conformal coated electronics for moisture and vibration resistance
- Available with Clear or Color lens
- 12" (30.48cm) pigtail cable included
- Visit www.whelen.com for a full list of available mounting hardware
- 12 VDC
- SAE Class 1

Model	Description	LED Color	Dimensions
50*02Z*R	Single-Color, Horizontal Mount, Linear Super-LED, Requires Optional Mounting, Amps: 1.0 (Peak), 0.40 (Avg.), 25 Scan-Lock Flash Patterns	Amber or White	5" (127mm) W x 1.63" (41mm) H x 1.75" (44mm) D (Lighthouse Only)
50**2ZCR	Split-Color, Horizontal Mount, Linear Super-LED, Requires Optional Mounting, Amps: 0.5 (Peak), 0.2 (Avg.) Per Side, 69 Scan-Lock Flash Patterns	Amber/Amber, Amber/Blue, Amber/Green, Amber/White or White/White	
5V*02Z*R	Single-Color, Vertical Mount, Linear Super-LED, Requires Optional Mounting, Amps: 1.0 (Peak), 0.4 (Avg.), 25 Scan-Lock Flash Patterns	Amber or White	
50A02SA1	Single-Color, Horizontal Mount for Waste Trucks, Linear Super-LED, Includes Grommet, Amps: 1.0 (Peak), 0.4 (Avg.), 25 Scan-Lock Flash Patterns	Amber	
50AA2SA2	Single-Color, Vertical Mount For Truck Cab, Linear Super-LED, Includes Chrome Flange, Amps: 1.0 (Peak), 0.4 (Avg.), 25 Scan-Lock Flash Patterns	Amber	
50*03Z*R	Single-Color, Horizontal Mount, TIR6 Super-LED, Requires Optional Mounting, Amps: 0.63 (Peak), 0.32 (Avg.), 25 Scan-Lock Flash Patterns	Amber or White	5.39" (137mm) W x 2.13" (54mm) H x 1.80" (46mm) D
50**3ZCR	Split-Color, Horizontal Mount, TIR6 Super-LED, Requires Optional Mounting, Amps: 0.32 (Peak), 0.13 (Avg.) Per Side, 69 Scan-Lock Flash Patterns	Amber/Amber, Amber/Blue, Amber/White or White/White	
5V1*	Single-Color, Horizontal Mount, V-Series™ & TIR™ Super-LED, Requires Optional Mounting, Amps: 1.5 (Peak), 0.6 (Avg.), 32 Scan-Lock Flash Patterns	Amber or White	5.38" (137mm) W x 2.13" (54mm) H x 1.63" (41mm) D
5V3*	Warning, Alley/Flood & Puddle Light, Horizontal Mount, V-Series Super-LED, Requires Optional Mounting, Amps: 0.12 Warning, 1.0 Alley Light, 0.5 Puddle, 32 Scan-Lock Flash Patterns	Amber or White Warning, Steady White For Alley And Puddle	



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

OPTIONS

Model	Description
5FLANGEB	Black Flange Kit
5FLANGEC	Chrome-Plated Flange Kit
5FLANGEP	Polished Aluminum Flange
5GROMMET	Grommet Mount Kit
5GBKT1	Optional "L" Bracket for use with Grommet Mount Lighthouse Only
5TSMAB	Black Surface Mount Adapter, TIR6 Super-LED Only
5TSMAC	Chrome-Plated Surface Mount Adapter, TIR6 Super-LED Only
5LSMAC	Chrome-Plated Surface Mount Adapter for Linear Super-LED Only
5BRUSH	Aluminum Brush Guard, Includes Surface Mount Adapter for TIR6 Super-LED Series

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

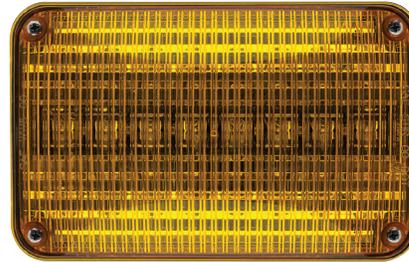
600 Series



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 Amber or Clear lens
- Available in steady-burn or with an internal flasher
- 12" (30.48cm) pigtail cable included
- 12 VDC
- SAE Class 1
- CA Title 13 (60C02FCR and 60C02SCR)
- Amps:
 - Linear: 1.4 (peak), 0.53 (avg.)
 - Rota-Beam: 2.2 (peak), 1.1 (avg.)

Model	Description	LED Color	Dimensions
6RB*	Oscillating, Rota-Beam Super-LED®, Surface Recessed Mount, Amber Lens Color, 14 Scan-Lock™ Flash Patterns	Amber or White	6.56" (167mm) W x 4.19" (106mm) H x 3.44" (88mm) D
6RB*C	Oscillating, Rota-Beam Super-LED, Surface Recessed Mount, Clear Lens Color, 14 Scan-Lock Flash Patterns	Amber or White	6.56" (167mm) W x 4.19" (106mm) H x 3.44" (88mm) D
60*02S*R	Amber or White, without Flange, Requires LED Flasher	Amber or White	6.88" (175mm) W x 4.13" (105mm) H x 1.75" (44mm) D
60*02F*R	Amber and/or White, Includes Internal Flasher with 14 Scan-Lock Flash Patterns, Steady-Burn and Hi/Low Power	Amber or White	6.88" (175mm) W x 4.13" (105mm) H x 1.75" (44mm) D

* 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

Model	Description
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

V23™ Series



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



V23ATPC



V23ATPB

FEATURES

- Models have 3-in-1 180° wide-angle warning, illumination, and puddle light
- Surface mount via 2 screws for easy installation
- Warning available with an internal flasher
- White lights available as steady-burn
- 12 VDC
- SAE Class 1
- 26 Scan-Lock™ flash patterns
- Warning Amps: 0.76 (peak), 0.3 (avg.)
- Take-Down Amps: 0.62, Perimeter: 0.12

Model	Description	LED Color	Dimensions
V23*TPB	V-Series™ (Includes Black Flange), Super-LED®, Clear Lens Color, Built-in Flasher	Amber or White Warning with	4.28" (10.87cm) W x 2.69" (6.83cm) H x 1.54" (3.91cm) D
V23*TPC	V-Series (Includes Chrome Flange), Super-LED, Clear Lens Color, Built-in Flasher	White Illumination	

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

OPTIONS

Model	Description
V23P20B	Black 20° Angled Surface Mount Housing
V23P20C	Chrome 20° Angled Surface Mount Housing
V23PEDB	Black Pedestal Mount Kit
V23PEDC	Chrome Pedestal Mount Kit

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

M9 Series



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



FEATURES

- Available in combination warning/scene light
- Available with Amber or Clear 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 lighthouse
- IP67 rated
- 12 VDC
- SAE Class 1

Model	Description	Amps	LED Color	Dimensions
M9*	Directional, SOLO™, 189 Scan-Lock™ Flash Patterns	3.0 (Peak), 1.2 (Avg.)	Amber or White	10.35" (263mm) W x 6.51" (165mm) H x 1.39" (mm) D
M9AC	Directional, SOLO, Clear Lens, 189 Scan-Lock™ Flash Patterns	3.0 (Peak), 1.2 (Avg.)	Amber	
M9F	Directional, Split-Color, Clear Lens, 64 Scan-Lock Flash Patterns	3.0 (Peak), 1.2 (Avg.)	Amber/White	
M9*S	Directional, SOLO, Requires Flasher Purchased Separately	3.0 (Peak), 1.2 (Avg.)	Amber or White	
M9*CS	Directional, SOLO, Clear Lens, Requires Flasher Purchased Separately	3.0 (Peak), 1.2 (Avg.)	Amber	
M9D#	Directional, DUO™, Clear Lens, 189 Scan-Lock Flash Patterns	3.0 (Peak), 0.6 (Avg.)	Amber/White	
M92#	Directional, DUO, Clear Lens, 26 Scan-Lock Flash Patterns	2.4 (Peak), 0.96 (Avg.)	Amber/White	
M9*CZ	Combo, Amber Warning And Scene Light, Clear Lens, 26 Scan-Lock Flash Patterns	Warning 1.58, Scene Light 1.53	Amber/White	10.35" (263mm) W x 6.44" (164mm) H x 2.70" (69mm) D
M9V2*	V-Series™, SOLO Warning, White Illumination, Amber Warning/Clear Illumination Lens, 32 Scan-Lock Flash Patterns	Warning 2.4 (Peak), 0.96 (Avg.), Scene Light 2.4	Amber or White	
M9V2*C	V-Series, SOLO Warning, White Illumination, Clear Lens, 32 Scan-Lock Flash Patterns	Warning 2.4 (Peak), 0.96 (Avg.), Scene Light 2.4	Warning With White Illumination	



* 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

Model	Description
M9FC	Chrome Flange
M9FB	Black Flange
M9FC900	Chrome Flange, Adapts M9 Warning to 900 Series Mounting

M6 & M7 Series



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 Amber or Clear 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 lighthouse
- IP67 rated
- 12 VDC
- SAE Class 1

Model	Description	Amps	LED Color	Dimensions
M6*	Directional, SOLO™, Lens Dependent on LED, 189 Scan-Lock™ Flash Patterns	2.2 (Peak), 0.92 (Avg.)	Amber or White	6.75" (170mm) W x 4.31" (109mm) H x 1.3" (35mm) D
M6*C	Directional, SOLO, Clear Lens, 189 Scan-Lock™ Flash Patterns	2.2 (Peak), 0.92 (Avg.)	Amber	
M6F	Directional, Split-Color, Clear Lens, 64 Scan-Lock Flash Patterns	2.2 (Peak), 0.92 (Avg.)	Amber/White	
M6*S	Directional, SOLO, Lens Dependent on LED, Requires Flasher Purchased Separately	2.2 (Peak), 0.92 (Avg.)	Amber or White	
M6*CS	Directional, SOLO, Clear Lens, Requires Flasher Purchased Separately	2.2 (Peak), 0.92 (Avg.)	Amber	
M6D#	Directional, DUO™, Clear Lens, 161 Scan-Lock Flash Patterns	2.2 (Peak), 0.92 (Avg.)	Amber/White or Blue/Amber	6.7" (170mm) W x 4.31" (109mm) H x 1.4" (36mm) D
M6V2*	V-Series™, SOLO Warning, White Illumination, Amber For Warning, Clear For Illumination, Perimeter 0.77, Warning has 32 Scan-Lock Flash Patterns	2.2 (Peak), 0.92 (Avg.)	Amber or White Warning	6.70" (17.00 cm) W x 4.31" (10.90 cm) H x 2.25" (5.72 cm) D
M6V2*C	V-Series, SOLO Warning, White Illumination, Clear Lens, Perimeter 0.77, Warning has 32 Scan-Lock Flash Patterns	2.2 (Peak), 0.92 (Avg.)	With White Illumination	
M7*	Directional, SOLO, Lens Dependent on LED, 189 Scan-Lock Flash Patterns	2.2 (Peak), 0.92 (Avg.)	Amber or White	7.64" (194mm) W x 3.38" (86mm) H x 1.4" (36mm) D
M7*C	Directional, SOLO, Clear Lens, 189 Scan-Lock Flash Patterns	2.2 (Peak), 0.92 (Avg.)	Amber	
M7F	Directional, Split-Color, Clear Lens, 64 Scan-Lock Flash Patterns	2.2 (Peak), 0.92 (Avg.)	Amber/White	
M7*S	Directional, SOLO, Lens Dependent on LED, Requires Flasher Purchased Separately	2.2 (Peak), 0.92 (Avg.)	Amber or White	
M7*CS	Directional, SOLO, Clear Lens, Requires Flasher Purchased Separately	2.2 (Peak), 0.92 (Avg.)	Amber	
M7D#	Directional, DUO, Clear Lens, 161 Scan-Lock Flash Patterns	2.2 (Peak), 0.92 (Avg.)	Amber/White or Blue/Amber	



* 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

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

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

M2 & M4 Series



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



M4V2A



M4A



ML2AC



M4V2A
Side View

FEATURES

- Available in combination Warning/Scene Light
- Available with Amber or Clear 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 lighthouse
- IP67 rated
- 12 VDC
- SAE Class 1

Model	Description	Amps	LED Color	Dimensions
M2*	TIR™ Super-LED®, Directional, SOLO®, Lens Dependent on LED, 25 Scan-Lock® Flash Patterns Including Steady-Burn	1.11 (Peak), 0.39 (Avg.)	Amber or White	3.65" (9.27cm) W x 2.07" (5.26cm) H x 0.92" (2.33cm) D
M2*C	TIR Super-LED, Directional, SOLO, Clear Lens, 25 Scan-Lock Flash Patterns Including Steady-Burn	1.11 (Peak), 0.39 (Avg.)	Amber	
M2F	TIR Super-LED, Directional, Split-Color, Clear Lens, 69 Scan-Lock Flash Patterns	1.11 (Peak), 0.39 (Avg.)	Amber/White	
M2W*	TIR Super-LED, Wide-Angle, SOLO, Lens Dependent on LED, 25 Scan-Lock Flash Patterns Including Steady-Burn	1.11 (Peak), 0.39 (Avg.)	Amber or White	
M2W*C	TIR Super-LED, Wide-Angle, SOLO, Clear Lens, 25 Scan-Lock Flash Patterns Including Steady-Burn	1.11 (Peak), 0.39 (Avg.)	Amber	
ML2*	Linear-LED®, SOLO, Lens Dependent on LED, 74 Scan-Lock Flash Patterns	1.11 (Peak), 0.39 (Avg.)	Amber or White	
ML2*C	Linear-LED, SOLO, Clear Lens, 74 Scan-Lock Flash Patterns	1.11 (Peak), 0.39 (Avg.)	Amber	
ML2D#	Linear-LED, DUO®, Clear Lens, 74 Scan-Lock Flash Patterns	1.11 (Peak), 0.39 (Avg.)	Amber/White or Amber/Green	5.49" (139mm) W x 3.38" (86mm) H x 1.39" (36mm) D
M4*	Linear Super-LED, SOLO, Clear Lens, 150 Scan-Lock Flash Patterns	1.5 (Peak), 0.6 (Avg.)	Amber or White	
M4*C	Linear Super-LED, SOLO, Clear Lens, 150 Scan-Lock Flash Patterns	1.5 (Peak), 0.6 (Avg.)	Amber	
M4F	Linear-LED, Split-Color, Clear Lens, 64 Scan-Lock Flash Patterns	1.5 (Peak), 0.6 (Avg.)	Amber/White	
M4*S	Linear-LED, SOLO, Lens Dependent on LED, Requires Flasher (Purchased Separately)	1.5 (Peak), 0.6 (Avg.)	Amber or White	
M4*CS	Linear-LED, SOLO, Clear Lens, Requires Flasher (Purchased Separately)	1.5 (Peak), 0.6 (Avg.)	Amber	
M4D#	Linear-LED, DUO®, Clear Lens, 150 Scan-Lock Flash Patterns	1.5 (Peak), 0.6 (Avg.)	Amber, White	5.49" (139mm) W x 3.38" (86mm) H x 1.80" (46mm) D
M4V2*	V-Series™, SOLO Warning, White Illumination, Clear Lens, Perimeter 0.77, 25 Scan-Lock Flash Patterns	1.5 (Peak), 0.6 (Avg.)	Amber or White Warning With White Illumination	



* 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, P = Amber/Green
 Consult current price list for full list of available options at whelen.com/literature.



Short Towman's™ WeCanX®
Edge® 9X Series, pg. 10

M7 Series, pg. 61

M4 Series, pg. 62

OPTIONS

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

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

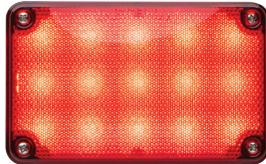
Brake/Tail/Turn Lights



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



M62BTT



404BTT



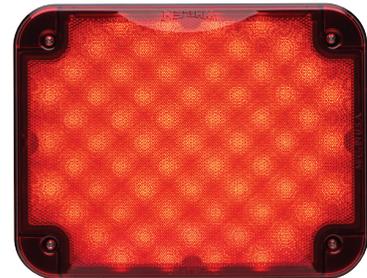
704BTT



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 lighthouse
- Surface mount via 2 or 4 screws for easy installation
- A variety of mounting brackets and optional Black and Chrome flanges available
- LED technology
- 12" (30.48cm) pigtail cable included
- Red lens
- 10-30 VDC
- See Website for Specific SAE Requirements

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



Turn Signals



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



M92T



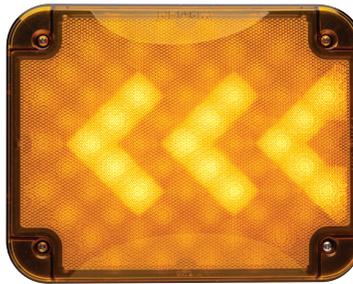
604T



M62T



M62T



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 lighthouse
- Surface mount via 2 or 4 screws for easy installation
- A variety of mounting brackets and optional Black and Chrome flanges available
- LED technology
- 6" (15.24cm) pigtail cable included
- Amber Lens
- 10-30 VDC
- See Website for Specific SAE Requirements

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



⚠ 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.

Back-Up Lights



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



FEATURES

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Patented E Block™ technology prevents air and moisture from entering the lighthouse
- Surface mounts via 2 screws for easy installation
- A variety of mounting brackets and optional Black and Chrome flanges are available
- LED Technology
- 6" (15.24cm) pigtail cable included
- Clear lens
- 10-30 VDC
- See Website for Specific SAE Requirements

Model	Description	Dimensions
M62BU	M6 Series, M6FB Mount (Purchased Separately), Amps: 0.18	6.75" (170 mm) W x 4.31" (109mm) H x 1.38" (35mm) D
M92BU	M9 Series, M9FB Mount (Purchased Separately), Amps: 0.12	10.38" (263mm) W x 6.5" (165mm) H x 1.38" (35mm) D
404BUH	400 Series, Black Flange Included, Amps: 0.13	4.94" (124mm) W x 3.19" (81mm) H x 2.75" (69mm) D
404BUV	400 Series, Black Flange Included, Amps: 0.13	6.95" (177mm) W x 4.55" (116mm) H x 1.73" (44mm) D
604BU	600 Series, Surface Mount with Black Flange Included, Amps: 0.18	7.27" (185mm) W x 3.07" (78mm) H x 1.28" (33mm) D
704BU	700 Series, Surface Mount with Black Flange Included, Amps: 0.18	9.79" (249mm) W x 7.79" (198mm) H x 1.67" (43mm) D



WHITE ILLUMINATION

Field Series™



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



FSB02B



FSB05B

FEATURES

- Up to 13 lighthoods per power supply in multiple configurations
- Field serviceable
- 10-30 VDC
- 8 total inputs
- Low current switching
- Variable power distribution
- Extruded aluminum Black or White powder-coated housing
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Scan-Lock™ capability for light ramp, power, and markers

Stand Alone Model	Interconnect Model	Number of Lighthoods	Length	Dimensions
FSB02B	FSB02MB	2-Lighthouse	13.8" (35.1cm)	2.26" (5.74cm) H x 2" (5.08cm) D
FSB03B	FSB03MB	3-Lighthouse	20" (50.8cm)	
FSB04B	FSB04MB	4-Lighthouse	26.1" (66.3cm)	
FSB05B	FSB05MB	5-Lighthouse	32.2" (81.8cm)	
FSB06B	FSB06MB	6-Lighthouse	38.4" (97.5cm)	
FSB07B	FSB07MB	7-Lighthouse	44.5" (113.1cm)	
FSB08B	FSB08MB	8-Lighthouse	60.6" (153.9cm)	
FSB09B	FSB09MB	9-Lighthouse	56.7" (144.1cm)	
FSB10B	FSB10MB	10-Lighthouse	62.9" (159.8cm)	
FSB11B	FSB11MB	11-Lighthouse	69" (175.3cm)	
FSB12B		12-Lighthouse	75.1" (190.8cm)	
FSB13B		13-Lighthouse	81.3" (206.5cm)	

○ Replace the Last "B" in the Model Number with "W" for a White Housing
Consult current price list for full list of available options at whelen.com/literature.

OPTIONS

Model	Description
FSBNFC	Combination Near/Far Field Lighthouse, No charge when purchased with a FSB array
FSBPS	Power Supply for up to 13 Lighthoods Total, with Scan-Lock™ Lighting Features and Low Power
FSBPC10	10' (3.05m) Power Supply Input Harness
FSBPC25	15' (4.57m) Power Supply Input Harness
FSBPC50	50' (15.24m) Power Supply Input Harness
FSBPC75	75' (22.86m) Power Supply Input Harness
FSBCC1	1' (0.30m) Interconnect Cable for Use with Two or Three Field Series Brow Light Arrays, One Required for Two Light Array Solution and Two Required for Three Light Array Solutions, No Charge When Purchasing FSBPS
FSBCC2	2' (0.61m) Interconnect Cable for Use with Two or Three Field Series Brow Light Arrays, One Required for Two Light Array Solution and Two Required for Three Light Array Solutions, No Charge When Purchasing FSBPS
FSBCC3	3' (0.91m) Interconnect Cable for Use with Two or Three Field Series Brow Light Arrays, One Required for Two Light Array Solution and Two Required for Three Light Array Solutions, No Charge When Purchasing FSBPS
FSBCELR	Optional Left Rear Cable Exit, When Connecting Multiple Light Arrays, All Cable Exits Must Be on the Same Side.
FSBUB	Universal Adjustable Bracket Kit, Black (Curved). 2 Kits Required for 2-6 Light Array, 3 Kits for 7-10, 4 Kits for 11-12, and 5 Kits for 13.
FSBLPB	"L" Bracket Kit (Low Profile), Black. 2 Kits Required for 2-6 Light Array, 3 Kits for 7-10, 4 Kits for 11-12, and 5 Kits for 13.
FSBBB	Bail Bracket Kit (Pair), 1 Kit Required Per Light Array, Black. (Requires FSBCBB for 7-13 Light Arrays).
FSBCBB	Center Mounted Bracket Kit, Black. Required for 7 or More Light Arrays When Used with Bail Bracket. 7-10 Light Array Requires 1; 11-12 Light Array Requires 2; 13 Light Array Requires 3; When Not Using FSBBB Bail Bracket, 2 Kits Required for 2-6 Light Array; 3 Kits for 7-10; 4 Kits for 11-12; and 5 Kits for 13.
FSLBB	Lightbar Bracket Kit, Black. 2 Kits Required for 2-6 Light Array; 3 Kits for 7-10; 4 Kits for 11-12; and 5 Kits for 13.

⚠ 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.

Arges® Remote Spotlight



PROCLERA® ProFocus.

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

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" (45.72cm) power control harnesses and one 12" (30.48cm) 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
- 4.06" (10.31cm) W x 7.38" (18.75cm) H x 3.88" (9.86cm) D



ARGCH1



ARGES1

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
ARG42D	2014-2018 Ram 1500/2500/3500 and 2019-2024 Ram 1500 (Classic), Driver Side Fender Mount
ARG47CD	2021-2024 Ford F-150, Driver Side Fender Mount
ARG47CP	2021-2024 Ford F-150, Passenger Side Fender Mount
ARG47BD	2019-2022 Ford F-250/F-350/F-450/F-550 Super-Duty, Driver Side Fender Mount
ARG47BP	2019-2022 Ford F-250/F-350/F-450/F-550 Super-Duty, Passenger Side Fender Mount
ARG49D	2019-2024 Chevy Silverado 1500, Driver Side Fender Mount
ARG49BD	2020-2024 Chevy Silverado 2500/3500, Driver Side Fender Mount
ARG49P	2019-2024 Chevy Silverado 1500, Passenger Side Fender Mount
ARG47DD	2023-2025 Ford F-250/F-350/F-450/F-550 Super-Duty, Driver Side Fender Mount
ARG47DP	2023-2025 Ford F-250/F-350/F-450/F-550 Super-Duty, Passenger Side Fender Mount
ARG47ED	2022-2024 Ford F-150 Lightning, Driver Side Fender Mount
ARG47EP	2022-2024 Ford F-150 Lightning, Passenger Side Fender Mount
ARG60D	2019-2024 Ram 2500, 3500, 4500, 5500, Driver Side Fender Mount
ARG51D	2025 Ram 1500 SSV and 2019-2024 Ram 1500 (not 'Classic' body style), Driver Side
ARG51P	2025 Ram 1500 SSV and 2019-2024 Ram 1500 (not 'Classic' body style), Passenger Side





WHELEN

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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.

WHELEN
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M6 EZ Scene Light™



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
- 9" (22.86cm) pigtail cable included
- Clear lens
- 10-30 VDC
- IP67 Rated

Model	Flange	Dimensions
M62SLC	Chrome	6.77" (172mm) W x 4.37" (111mm) H x 1.71" (43mm) D
M62SLB	Black	



600 EZ Scene Light™



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
- 9" (22.86cm) pigtail cable included
- Clear lens
- 10-30 VDC
- IP67 Rated

Model	Flange	Dimensions
604SLC	Chrome	8.27" (210mm) W x 5.2" (132mm) H x 1.76" (45mm) D
604SLB	Black	



M9 EZ Scene Light™



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
- 18" (45.72cm) pigtail cable included
- Clear lens
- 12 VDC
- IP67 Rated

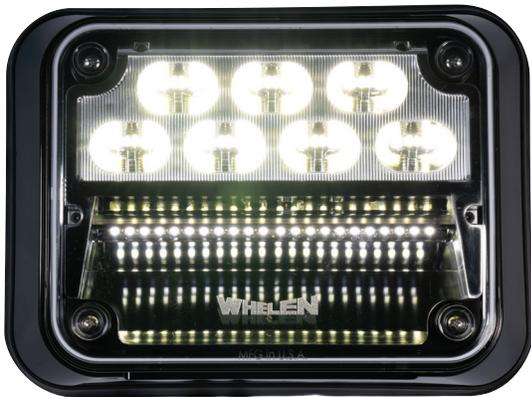
Model	Flange	Dimensions
M92SLC	Chrome	10.35" (263mm) W x 6.28" (160mm) H x 2.39" (61mm) D
M92SLB	Black	



900 EZ Scene Light™



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
- 18" (45.72cm) pigtail cable included
- Clear lens
- 12 VDC
- IP67 Rated

Model	Flange	Dimensions
904SLC	Chrome	10.82" (275mm) W x 8.0" (203mm) H x 2.63" (67mm) D
904SLB	Black	



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WorkSide™



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



WSLB

Model	Flange	Lens Color	Dimensions
WSLC	Chrome	Clear	14.23" (362mm) W x 2.29" (59mm) H x 1.03" (27mm) D
WSLB	Black	Clear	1.03" (27mm) D



FEATURES

- Light is projected down and out to a 10'x10' (3.05m x 3.05m) 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
- 10-30 VDC
- IP67 Rated
- 1.32 amps (peak), 0.53 amps (avg.) @ 12.8 VDC

Scene Lights



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



M9LZC



6SCOENZR



70COELZR

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
- Super-LED®
- 6" (15.24cm) pigtail cable included
- White lens
- 12 VDC



9SCOENZR



7SCOENZR



M7ZC



M6ZC

Model	Optics	Mount	Amps	Dimensions
6SCOENZR	600 Series	Surface	1.5	6.5" (165mm) W x 4.13" (105mm) H x 1.75" (44mm) D
60COELZR	600 Series	Recess	2.0	6.5" (165mm) W x 4.13" (105mm) H x 1.75" (44mm) D
7SCOENZR	700 Series	Surface	2.0	7.25" (184mm) W x 3.06" (78mm) H x 1.75" (44mm) D
70COELZR	700 Series	Recess	2.0	7.25" (184mm) W x 3.06" (78mm) H x 1.75" (44mm) D
9SCOENZR	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	Surface	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

Pioneer Micro™



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

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MPBB



MPRW

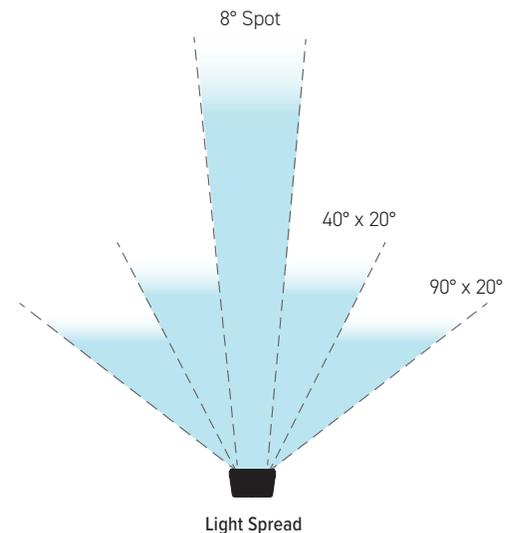


MPPBCS

FEATURES

- 8° spotlight pattern comes standard. Includes 3 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' (1.83m) cable included
- 5 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
- 12 VDC

Model	Mount	Housing	Dimensions
MPBW	Bail/Stud	White	4.76" (121mm) W x 4.63" (118mm) H (w/ bracket) x 2.80" (71mm) D
MPBB	Bail/Stud	Black	
MPPW	Low-Profile Pedestal/Swivel	White	5.06" (129mm) W x 8.69" (220mm) H x 3.75" (82mm) D
MPPWCS	Low-Profile Pedestal/Swivel	White	
MPPB	Low-Profile Pedestal/Swivel	Black	
MPPBBS	Low-Profile Pedestal/Swivel	Black	
MPPBCS	Low-Profile Pedestal/Swivel	Black	
MPRW	Straight Recessed	White	7.69" (195mm) W x 6.94" (176mm) H x 2.56" (65mm) D
MPRB	Straight Recessed	Black	
MPR15W	15° Recessed	White	7.69" (195mm) W x 6.94" (176mm) H x 2.56" (65mm) D
MPR15B	15° Recessed	Black	
MPR15B	15° Recessed	Black	



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Pioneer Nano™



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

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NP3BW

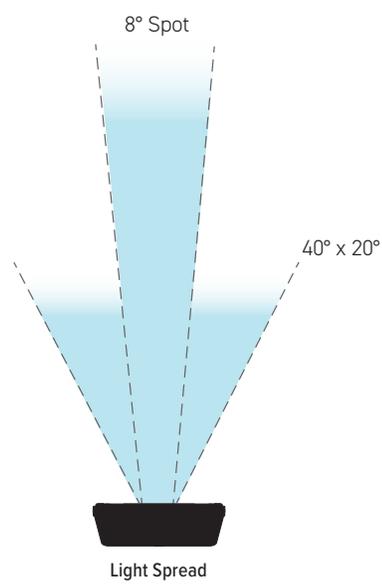


NP6BB

FEATURES

- 8° spotlight pattern comes standard. Includes additional optic lens for a light pattern of:
 - 40° x 20° flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- 6' (1.83m) cable included
- Powder-coated stainless steel bail bracket with 3/8"-16 stud carriage bolt mount
- 12 VDC

Model	Mount	Housing	Dimensions
NP3BW	3-LED, with Bail	White	3.5" (89mm) W x 2.23" (57mm) H x 1.77" (45mm) D
NP3BB	3-LED, with Bail	Black	
NP6BW	6-LED, with Bail	White	3.5" (89mm) W x 2.98" (76mm) H x 1.75" (44mm) D
NP6BB	6-LED, with Bail	Black	



Pioneer SlimLine™



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

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PSL2BB

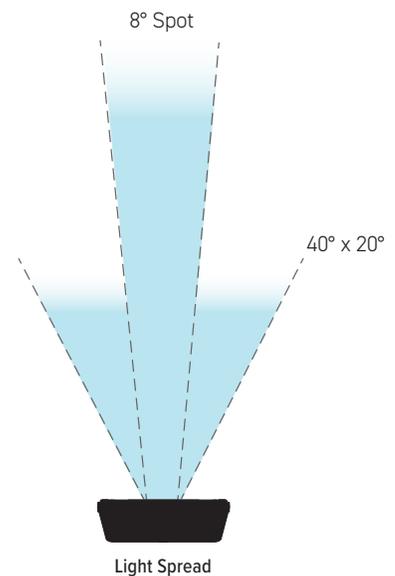


PSL1P

FEATURES

- Available in single or dual models
- Single Lamp Models: 8° spotlight pattern comes standard. Includes additional 40° x 20° flood lens
- Dual Lamp Models: 8° spotlight pattern comes standard. Includes two additional optic lenses for a light pattern choice of:
 - Dual 40° x 20° flood
 - 8° spot and 40° x 20° flood
- Optic lens changes easily via removable lens retainer
- Injection molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing in Black or White
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp up time and high inrush current
- Correlated Color Temperature (CCT) of 5,700° Kelvin simulates bright midday light
- 6' (1.83m) cable included
- Powder-coated stainless steel bail bracket
- 12 VDC

Model	Panels	Mount	Housing	Dimensions	
PSL1B	Single	Bail/Stud	White	7.06" (17.93cm) W x 3.23" (8.20cm) H x 2.72" (6.91cm) D	
PSL1BB	Single	Bail/Stud	Black		
PSL1P	Single	Low-Profile Pedestal/Swivel	White		
PSL1PB	Single	Low-Profile Pedestal/Swivel	Black		
PSL1R	Single	Semi-Recessed, Chrome Flange	White		
PSL1RB	Single	Semi-Recessed, Chrome Flange	Black		
PSL1R5	Single	Semi-Recessed 15° Angle Chrome Flange	White		
PSL1R5B	Single	Semi-Recessed 15° Angle Chrome Flange	Black		
PSL2B	Dual	Bail/Stud	White		12.66" (32.16cm) W x 3.23" (8.20cm) H x 2.72" (6.91cm) D
PSL2BB	Dual	Bail/Stud	Black		
PSL2P	Dual	Low-Profile Pedestal/Swivel	White		
PSL2PB	Dual	Low-Profile Pedestal/Swivel	Black		
PSL2R	Dual	Semi-Recessed, Chrome Flange	White		
PSL2RB	Dual	Semi-Recessed, Chrome Flange	Black		
PSL2R5	Dual	Semi-Recessed 15° Angle Chrome Flange	White		
PSL2R5B	Dual	Semi-Recessed 15° Angle Chrome Flange	Black		



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Pioneer Plus™

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



PCH1



PCH2



PFH2

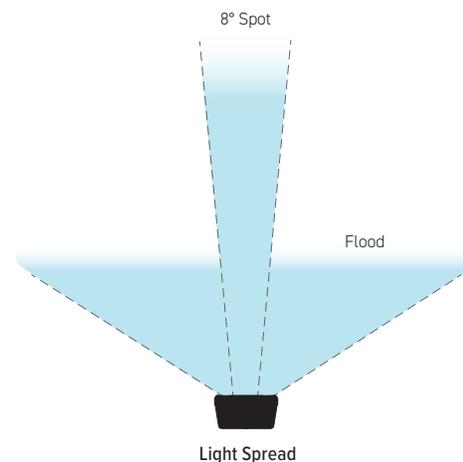


PFH1

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' (6.10m) cable, AC/AF models include 6" (15.24cm) wire leads, custom cable lengths available

Model	Description	Panels	VDC/ VAC	Dimensions
PFH1	Floodlight	Single	12 VDC	8.10" (20.57cm) W x 4.25" (10.80cm) H x 3.03" (7.70cm) D
PCH1	Combination Flood/Spot	Single	12 VDC	
PFH2	Floodlight	Dual	12 VDC	14" (35.56cm) W x 4.25" (10.80cm) H x 3.03" (7.70cm) D
PCH2	Combination Flood/Spot	Dual	12 VDC	
PFP1AC	Floodlight	Single	115 VAC	8.10" (20.57cm) W x 4.25" (10.80cm) H x 3.03" (7.70cm) D
PSP1AC	Spotlight, 8°	Single	115 VAC	
PFP2AC	Floodlight	Dual	115 VAC	14" (35.56cm) W x 4.25" (10.80cm) H x 3.03" (7.70cm) D
PCP2AFS	Combination Flood/Spotlight	Dual	115 VAC	
PCP2ASF	Combination Spot/Floodlight	Dual	115 VAC	
PCP3	Max Combination Flood And 8° Spotlight	Max	12 VDC	
PCP3A		Max	115 VAC	



Pioneer Plus™ Surface Mount

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



PCPSM1C

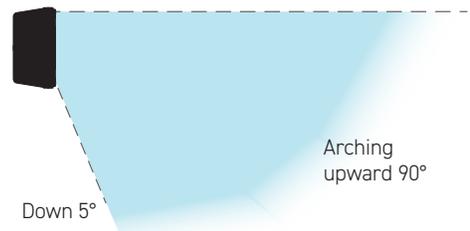


PCPSM2B

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' (0.61m) 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
- Combination Flood/Spot

Model	Panels	Flange	VDC/VAC	Dimensions
PCPSM1C	Single	Chrome	12 VDC	9" (228mm) W x 6.38" (162mm) H x 1.75" (44mm) D
PCPSM1B	Single	Black	12 VDC	
PCPSM1AC	Single	Chrome	115 VAC	
PCPSM1AB	Single	Black	115 VAC	
PCPSM2C	Dual	Chrome	12 VDC	16.25" (412mm) W x 6.38" (162mm) H x 1.75" (44mm) D
PCPSM2B	Dual	Black	12 VDC	
PCPSM2AC	Dual	Chrome	115 VAC	
PCPSM2AB	Dual	Black	115 VAC	



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Perimeter Enhancement Light



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 lighthouse
- Mounts to vertical surfaces and may be mounted inverted
- Molded rubber gaskets protect body panels
- 6" (15.24cm) pigtail cable included
- Super-LED®
- 10-30 VDC
- 0.65 amps at 12 VDC, 0.38 amps at 24 VDC
- Flash patterns require Core® or Flasher (Purchased Separately)

Model	LED Color	Flange Color	Dimensions
PEL2C	White	Chrome	7.9" (201mm) W x 2.69" (69mm) H x 2.0" (51mm) D
PEL2B	White	Black	
PEL2W	White	White	
PEL2R	White	Red	
PEL2Y	White	Yellow	
PEL2C*	Amber	Chrome	
PEL2B*	Amber	Black	
PEL2W*	Amber	White	
PEL2R*	Amber	Red	
PEL2Y*	Amber	Yellow	
PEL2C#	Two-Color Amber/White, Amber/Red, Amber/Blue	Chrome	
PEL2B#	Two-Color Amber/White, Amber/Red, Amber/Blue	Black	
PEL2W#	Two-Color Amber/White, Amber/Red, Amber/Blue	White	
PEL2R#	Two-Color Amber/White, Amber/Red, Amber/Blue	Red	
PEL2Y#	Two-Color Amber/White, Amber/Red, Amber/Blue	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, K = Amber/Red, M = Amber/Blue

Interior Lighting



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



FEATURES

• 12 VDC

Model	Optics	Technology	Cable	Mount	Amps	Dimensions
86CE1	Rectangular Interior Dome	Super-LED®	6" (15.24cm) Pigtail	Requires Cut-Out, Includes Flange	2.0/High, 0.20/Low	8.19" (208mm) W x 6.44" (163mm) H x 1.25" (32mm) D
TOCACCCR	2" Round Compartment	5mm LED	6" (15.24cm) Pigtail	Surface	0.03	2.0" (51mm) Dia.
20C0CDCR	2G Series (4" Round) Compartment	Super-LED 12 Diodes	6" (15.24cm) Pigtail	Surface Mount Requires Optional Mounting	0.36	4.0" (102mm) Dia.
20C0CDDC	2G Series (4" Round) Compartment	Super-LED 12 Diodes	6" (15.24cm) Pigtail With Deutsch® Connector	Surface Mount Requires Optional Mounting	0.36	4.0" (102mm) Dia.
5GC0CCCR	5G Series Compartment	Super-LED	6" (15.24cm) Pigtail	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	12" (30.48cm) Pigtail	Surface	0.41 (Avg.) at 12v	11.11" (28.22cm) H x 1.68" (4.27cm) W x 0.53" (13mm) D
PSCOMPH	Strip-Lite™ Plus Compartment	12 Diodes LED	12" (30.48cm) Pigtail	Surface	0.83 (Avg.) at 12v 0.40 (Avg.) at 24v	
F09PC	Fluorescent Plus™ Compartment Tube Lighting	Super-LED	6" (15.24cm) Pigtail	Clip Mounting	0.12	9.0" (228mm) W x 0.74" (19mm) H
F18PC		Super-LED	6" (15.24cm) Pigtail	Clip Mounting	0.12	18.0" (457mm) W x 0.74" (19mm) H
F27PC		Super-LED	6" (15.24cm) Pigtail	Clip Mounting	0.12	27.0" (686mm) W x 0.74" (19mm) H
F36PC		Super-LED	6" (15.24cm) Pigtail	Clip Mounting	0.12	36.0" (914mm) W x 0.74" (19mm) H
F45PC		Super-LED	6" (15.24cm) Pigtail	Clip Mounting	0.12	45.0" (114cm) W x 0.74" (19mm) H
F54PC		Super-LED	6" (15.24cm) Pigtail	Clip Mounting	0.12	54.0" (137cm) W x 0.74" (19mm) H
F63PC		Super-LED	6" (15.24cm) Pigtail	Clip Mounting	0.12	63.0" (160cm) W x 0.74" (19mm) H

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Interior Lighting



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



8" Round Lighthead



6" Round Lighthead



3" Round Lighthead

FEATURES

- 6" (15.24cm) pigtail
- 12 VDC

Model	Optics	Technology	Mount	Housing	Switch	Amps	Dimensions
3SC0CDCR	3" Round LED	Compartment White	Surface	Rubber Gasket Housing		0.38	3.0" (76mm) Dia.
3SR0CDRR	3" Round LED	Nighttime Illumination, Red	Surface		0.3	3.0" (76mm) Dia.	
3SBCCDCR	3" Round LED	Compartment Split Blue/White	Surface		0.31	3.0" (76mm) Dia.	
3SRCCDCR	3" Round LED	Compartment Split Red/White	Surface		0.31	3.0" (76mm) Dia.	
60COEHCR	6" Round Super-LED®	Compartment 18 Diodes, White	Surface			1.2/High, 0.13/Low	0.63" (16mm) D x 6.0" (152mm) Dia.
60COEJCS	6" Round Super-LED	Compartment 6 Diodes, White	Surface		On/Off	0.7/High	0.63" (16mm) D x 6.0" (152mm) Dia.
60CBEGCS	6" Round Super-LED	Compartment 6 Blue Diodes & 6 White Diodes	Surface		Dual Switches For On/Off Color And On/ Off White	0.7/White 0.5/Blue	0.63" (16mm) D x 6.0" (152mm) Dia.
60CREGCS	6" Round Super-LED	Compartment 6 Red Diodes & 6 White Diodes	Surface			0.7/White 0.5/Red	0.63" (16mm) D x 6.0" (152mm) Dia.
70CREGCS	700 Series	Compartment 30 Red Diodes & 30 White Diodes	Surface		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
80COEHCR	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.
80CO0EZR	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.
8WC00EZR	8" Round Super-LED Ambulance Light	18 Diodes, White	Recessed	White Flange	Built-In Hi/Low Intensity	1.2/High, 0.13/Low	1.0" (24mm) D x 8.63" (218mm) Dia.
80CBEHCR	8" Round Super-LED Ambulance Light	6 White Diodes, 3 Blue Diodes	Recessed	Chrome Flange	Built-In Hi/Low Intensity	1.5/White, 0.5/Color	1.0" (24mm) D x 8.63" (218mm) Dia.
80CREHCR	8" Round Super-LED Ambulance Light	6 White Diodes, 3 Red Diodes	Recessed	Chrome Flange	Built-In Hi/Low Intensity	1.5/White, 0.5/Color	1.0" (24mm) D x 8.63" (218mm) Dia.



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Illumination & Marker or Clearance Lights



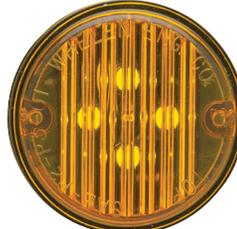
Features available across product family. May not apply to every model.



OSA00MCR



OSR00MCR



TOA00MAR



TOR00MRR

FEATURES

- 0S™ Series includes Chrome housing
- 0S Series marker/clearance has Clear lens
- LED technology
- 12 VDC
- Steady patterns
- Marker or Clearance application
- 2" (51mm) Round Series marker or clearance light includes 2.50" (64mm) adapter for customer supplied 2.50" (64mm) grommet, plus a 3" (76mm) and 3.50" (89mm) flange mount

Model	Mount	Housing	LED Color	Lens Color	Amps	Compliance	Dimensions
OSA00MCR	Surface	Chrome	Amber	Clear	0.06 (Peak), 0.03 (Avg.)	FMVSS108	1.5" (38mm) W x 1.0" (25mm) H x 0.5" (13mm) D
OSR00MCR	Surface	Chrome	Red	Clear	0.06 (Peak), 0.03 (Avg.)	FMVSS108	1.5" (38mm) W x 1.0" (25mm) H x 0.5" (13mm) D
TOA00MAR	Grommet		Amber	Amber	0.8 (Max), 0.02 (Avg.)		2.0" (51mm) Dia.
TOR00MRR	Grommet		Red	Red	0.8 (Max), 0.02 (Avg.)		2.0" (51mm) Dia.



* 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



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



P46FLC



P46WLC



P36SLC

FEATURES

- Super-LED®
- White LED
- Clear lens
- Steady flash patterns

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



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For more information, visit whelen.com/regulatory.

PAR-36



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
- 12 VDC



PFBS12



PFBP12C

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



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

Handheld Spot/Floodlights



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

FEATURES

- 90lb. pull magnet mount
- 8' (2.44m) 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



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	3.72" (95mm) D x 4.81" (122mm) 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



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



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
- 12 VDC

Model	Type and Usage	Switches	Switch Type	Installation	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	Nine 0.5 Amp Outputs, One 3-Position Slide Switch, Six Momentary Switches	11 Fast-On Outputs, 4-Position AMP Mate-N-Lok® (for Control), 2-Position Molex Mini Fit SR® (for Power)	5.99" (15.21cm) W x 1.58" (4.01cm) H x 6.24" (15.85cm) D
PCCS9LW	Economical Control Center For Use With Freedom®, and Liberty® II Lightbars	Programmable Slide Switch	Nine 20 Amp Outputs, One 3-Position Slide Switch, Six Momentary Switches	One 9-Position and 5 Conductor AMP Mate-N-Lok Connector, to Match Lightbar Cables	5.99" (15.21cm) W x 1.58 (4.01cm) H x 4" (10.16cm) D
PCC4W	SPST, Lighted Switches	4	25 Amp	5 Wires Power Input, 5 Wires Output	3.00" (7.62cm) W x 2.75" (6.99cm) H x 4" (10.16cm) D
PCC6W	SPST, Lighted Switches	6	(6) 25 Amp	8-Position Rear Connector Block	6.00" (15.24cm) W x 3.38 (8.59cm) H x 3.56 (9.04cm) D
PCC6W1	SPST, Lighted Switches	6	(5) 25 Amp, 1 Momentary	8-Position Rear Connector Block	
PCC10W	SPST, Lighted Switches	10	20 Amp	8-Position Rear Connector Block	
PCC10W1	SPST, Lighted Switches	10	(9) 20 Amp, 1 Momentary	8-Position Rear Connector Block	
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" (18.42cm) W x 1.25" (3.18cm) H x 4.75" (12.07cm) D

Flashers



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



PLF46



ULF44



UHF2150A



SSFPOS

Model	Usage	Solid-State	Outlets	Switching	Amps	VDC	Patterns	Dimensions
PLF46	LED Lighthead	100%	6 Outputs	4 Programmable Inputs	5 Per Output	10-30	Programmable	3.25" (8.26cm) W x 1.13" (2.87cm) H x 4.69" (11.91cm) D
SSFPOS	Positive Switching Headlights	100%	2 Outputs	1x1	12.5 Per Output	12	7 Scan-Lock™ Flash Patterns	2.75" (6.99cm) W x 0.54" (13.71mm) H x 2.00" (5.08cm) D
UHF2150A	Positive Or Negative Switching Headlights	Controlled Relay Output	2 Outputs	1x1	12.5 Per Output	12	4 Scan-Lock Flash Patterns	4.19" (10.64cm) W x 3.00" (7.62cm) H x 1.5" (3.81cm) D
ULF44	LED Lighthead	Controlled Relay Output	4 Outputs 4 Channels	2x2	5 Per Output	12	62 Scan-Lock Flash Patterns, Alternating and Simultaneous	2.75" (6.99cm) W x 0.54" (13.72mm) H x 2.05" (5.21cm) D

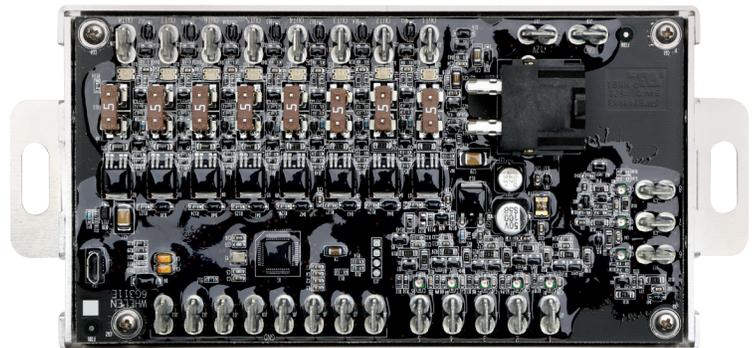
Consult current price list for full list of available options at whelen.com/literature.

SmartLogic™ Programmable Flasher



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, 64 Scan-Lock flash patterns
- Day and night mode truck setups
- 12 VDC
- 8 outlets (5 amps per outlet)



SLFLASH

Model	Usage	Solid-State	Switching	Dimensions
SLFLASH	Auxiliary LED Lightheads	100%	Programmable	0.44" (11.18mm) W x 7.43" (18.87cm) H x 3.45" (8.76cm) D

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

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CENCOM CORE[®] CONTROL SYSTEMS



C399



C399S6H

CCTL6

CENCOM
CORE[®]

CORE-S[®]

Created to enhance your fleet's 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, supports 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
- 11 total inputs
- 16 total outputs
- 10-year warranty



C399R

CORE-R®

Core-R® is a vehicle control system engineered to enhance your fleet's 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-R DOT

See next page for details



C399RD2

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CCP9

CORE-C®

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
- Expanded peripheral add-ons support up to ten WeCanX devices, providing more options for customization without the need for additional hardware or firmware
- 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 System



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

Core-R DOT is a vehicle control system engineered to enhance fleet 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



WECANX® CONTROL SYSTEMS

Model	Product	Description
C399	CenCom Core®	Amplifier Control Module, Flashing Outputs, Includes 3 CANport™, and Controls up to 99 Devices/Remote Modules, Control Heads Purchased Separately
C399R	Core-R	Control Module, Includes 8 Digital Inputs, 3 CANports and Controls up to 99 Devices/Remote Modules, Control Head and Other Optional Modules Purchased Separately, 10-30 VDC
C399S	Core-S®	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	Core-S	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	Core-S	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	Core-S	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	Core-S	Single-Unit 200-Watt Siren with Integrated 3-Section Control Head and 21 Push-Buttons, 4-Position Slide Switch, Microphone with Extension Cable
C399S7H	Core-S	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
CCP9	Core-C®	Core-C Control Point 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	Control Point	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 Devices/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 Devices/Remote Modules, and Two CEM16 Modules Mounted in a Single Box, Control Head and Other Optional Modules Purchased Separately, 12 VDC

SYSTEM EXPANSIONS

Model	Description
CEXAMP	WeCanX External Amplifier
CV2V	Vehicle-to-Vehicle Sync Module, Includes Internal Antenna
CEM24	24-Output WeCanX Expansion Module
CEM16D	16-Output, 4-Input WeCanX Expansion Module, 10-30 VDC
CEM8	8-Output, 4-Input WeCanX Expansion Module

Model	Description
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

WeCanX® Control Heads



CCTL5

- Handheld 5-position
- 9 push-buttons
- Microphone extension cable



CCTL6

- 4-position slide switch
- 13 push-buttons
- 7-position rotary knob



CCTL7

- 4-position slide switch
- 21 push-buttons



CCTL8

- 4-position slide switch
- 6 push-buttons



CCTL9

- 6 push-buttons and 7-position rotary switch
- Microphone plug



CCTL10

- 22 push-buttons



CCTL11

- 13 push-buttons
- Microphone with Extension Cable

Model	Description
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
CCTL11	Includes 3 Section Control Head and 13 Push-Buttons, Microphone with Extension Cable, Pre-labeled Control Buttons (Non-Changeable)
CCTLHARN	CenCom Core® Control Head Harness Kit, for use with any Non-Primary Control Head Excluding the CCTL5, Control Heads Purchased Separately
C399SP	SCANport™ Installation Kit for C399, See Vehicle Outfitter for Available Vehicle Make/Model/Year (Not for Use with Core-R® and Core-S™)
C399RSP	SCANport Installation Kit for C399R and C399S, See Vehicle Outfitter for Available Vehicle Make/Model/Year (Not for Use with Core C399)

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LIGHTING COMPLIANCE

KKK-A-1822F - Federal Ambulance Specification

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

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 1900 - Standard for Aircraft Rescue and Firefighting Vehicles, Automotive Fire Apparatus, Wildland Fire Apparatus, and Automotive Ambulances (Jan 24)

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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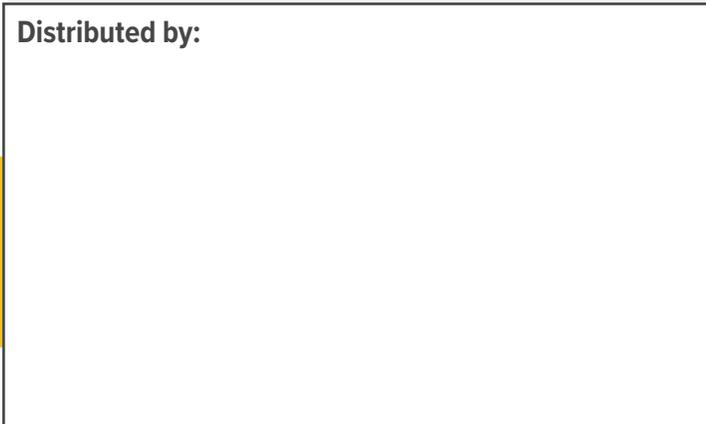
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2025-2026

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