

AMBER ESSENTIALS

PROFESSIONAL WARNING AND LIGHTING



**Whelen
Engineering**

whelen.com

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About Whelen

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

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

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



Chester, Connecticut, facility



Charlestown, New Hampshire, facility



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

WhelenEng



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Icon Legend



12 Volt



24 Volt



10-30 Volts



120 AC



IP67 Rated



AC Models UL Approved



Cruise



Hard-coated



Low Current Switching



Standard Current



Sync



WeCan® Compatible



1 Year Warranty



2 Year Warranty



5 Year Warranty



Scan-Lock™



Real Time Diagnostics



SAE Class 1



SAE Class 2



SAE Class 3



CA Title 13 Available

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

Tech Glossary

Super-LED®

Whelen's innovative LED technology

Linear-LED® - (Super-LED)

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

SmartLED®

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

BroadBand Blue™

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

SOLO™

Single color

DUO™

Two color interleaved

DUO+™

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

TRIO™

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

DYAD™

Two level technology

Encapsulated

Lighthoods are fully encapsulated for moisture and vibration resistance.

Hard-Coat

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

Low Current

Low current function wires require less than ¼ an amp to operate, allowing for simple operation of each lightbar function.

Proclera® Silicone Optics

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

Rota-Beam™

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

Scan-Lock™

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

Scan-Lock+

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

Split

Two color 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.

Sync

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

TIR - (Super-LED)

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

WeCad™

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

WeCan®

Whelen's proprietary CAN based communication system

Conformal Coating

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

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L50 Series



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



FEATURES

- Twist-off dome
- Full reverse polarity protected
- 100% solid-state
- Conformal coated electronics
- Virtually no RFI/EMI radiation

MODELS

Model	Mount	Base	Amps	VDC	Flash Patterns	Encapsulated	Compliance	Dimensions
L51AP	Permanent	Polycarbonate	1.5 / peak 0.6 / avg.	12	25 Scan-Lock [®] flash patterns	-	Class 1	3.75" (95mm) H x 5" (127mm) Dia.
L51AM	Magnetic							
L53AP	Permanent		0.4 / peak 0.16 / avg.		15 Scan-Lock flash patterns	-	Class 3	
L53AM	Magnetic				SignalAlert [®] only			

OPTION - VISIT WHELEN.COM FOR FULL LIST OF OPTIONS



MIRROR15 Mirror
Mount Bracket

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L10 Series



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



L10LAP



L10HCP

FEATURES

- Full reverse polarity protected
- 100% solid-state
- Conformal coated electronics
- Virtually no RFI/EMI radiation

MODELS

Model	Mount	Profile	Color	Amps	VDC	Patterns	Compliance	Dimensions
L10HAM	Magnetic							
L10HAP	Permanent	High	Amber					6.4" (163mm) H x 6.3" (161mm) Dia.
L10HAV	Magnetic/suction							
L10HCP	Permanent		White	1.0 / peak 0.4 / avg.	12	75 SignalAlert™ 18 Scan-Lock™ flash patterns	Class 1 (Amber)	4.9" (125mm) H x 6.3" (161mm) Dia.
L10LAM	Magnetic	Amber						
L10LCP	Permanent	Low	White					
L10LAP	Permanent		Amber					
L10LAV	Magnetic/suction							



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

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

OPTIONS - VISIT WHELEN.COM FOR FULL LIST OF OPTIONS



MIRROR20 Mirror Mount Bracket



BGH Branch Gaurd High



BGL Branch Gaurd Low



DH2000A Fresnal Dome High



DL2000A Fresnal Dome Low

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L21 Series






SOLO

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



L21LAM



L21HAP

FEATURES

- Full reverse polarity protected
- 100% solid-state
- Fully encapsulated
- Virtually no RFI/EMI radiation

MODELS

Model	Mount	Profile	Base	Amps	VDC	Flash Patterns	Compliance	Dimensions
L21HAP	Combination							
L21HAM	Magnetic	High	Polycarbonate	1.5 / peak 0.60 / avg.	12	25 Scan-Lock [®] flash patterns, including steady-burn (permanent mount only)	J845 Class 1 Amber & J595 Class 3 Amber	6.813" (172mm) H x 6.438" (163mm) Dia.
L21HAV	Magnetic/suction							
L21LAP	Combination					75 SignalAlert [®] default, 25 Scan-Lock flash patterns (magnetic/magnetic suction mounts only)		
L21LAM	Magnetic	Low						
L21LAV	Magnetic/suction							

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OPTIONS - VISIT WHELEN.COM FOR FULL LIST OF OPTIONS



MIRROR20 Mirror Mount Bracket



BGH Branch Gaurd High



BGL Branch Gaurd Low



DH2000A Fresnal Dome High



DL2000A Fresnal Dome Low

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L41 Series



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



L41AP

FEATURES

- Self cleaning dome
- Full reverse polarity protected
- 100% solid-state
- Fully encapsulated
- Virtually no RFI/EMI radiation

MODELS

Model	Mount	Profile	Base	Amps	VDC	Flash Patterns	Control	Compliance	Dimensions
L41AP	Permanent			1.5 / peak 0.6 / avg. 12 VDC		75 SignalAlert™ default	Photocell Hi/Low on permanent mount only		4.75" (121mm) H x 6.438" (164mm) Dia.
L41AM	Magnetic	Medium	Cast aluminum powder coated	0.75 / peak 0.3 / avg. 24 VDC	12/24	25 Scan-Lock™ flash patterns, including steady-burn	(special order only, please contact factory)	Class 1 (Amber)	
L41AV	Magnetic/suction								

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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 lighthouse and configurable lightbar product conformance.



L31HAF



L32LAF

FEATURES

- Self cleaning dome
- Full reverse polarity protected
- 100% solid-state
- Conformal coated electronics
- Virtually no RFI/EMI radiation

MODELS

Model	Mount	Profile	Base	Amps	VDC	Flash Patterns	Control	Compliance	Dimensions
L31HAF	Permanent								
L31HAM	Magnetic				12	Permanent mount 30 Scan-Lock™ flash patterns, including 4 simulated rotating patterns	Hi/Low intensity control (permanent mount only)	Class 1 (Amber)	4" (102mm) H x 7.188" (182mm) Dia.
L31HAV	Magnetic/suction	High		5 / peak 2 / avg.					
L31HAF4	Permanent		Die-cast aluminum		24			T13	
L31HAFCA									
L32LAF	Permanent				12	Magnetic mount 75 SignalAlert™ only		Class 1 (Amber)	2.625" (67mm) H x 7.188" (182mm) Dia.
L32LAM	Magnetic	Low		2.5 / peak 1 / avg.					
L32LAV	Magnetic/suction								

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QuickFit™

2YR Features available across product family. May not apply to every model



Shown with OE brakelight

Also Available in white

FEATURES

- Mounts a variety of emergency lighting without any vehicle damage, including Whelen beacons and the following mini lightbars: Responder® LP, Mini Century™, Mini Liberty™ II, and Mini Legacy™
- Durable powder-coated aluminum or steel construction in Black or White
- Vehicle specific vacuum-formed install kits provide a perfect fit
- Bolt-on installation system with fixed brackets requires no cutting or drilling
- Quickly and easily mounts using the screw holes of the vehicle's third brake light
- Designed to keep a level mounting surface for the life of the install
- Usable mounting area is approximately 7.25" (184.15mm) W x 17.25" (433mm) L

MODELS

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

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

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Pioneer Nano™



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



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



NP3BW



NP6BB

FEATURES

- 8° spotlight pattern standard
- Includes an additional 40° x 20° flood optic lens
- Optic lens changes easily via removable lens retainer
- Injection-molded polycarbonate lenses are impact resistant
- Die-cast aluminum powder-coated housing
- Solid-state electronics
- LEDs are instant On/Off, eliminating ramp-up time and high current inrush
- Correlated Color Temperature (CCT) of 5,700° kelvin simulates bright midday light
- Includes 72" cable

MODELS

Model	Mount	Housing	Diodes	Amps	VDC	Lumens	Dimensions
NP3BW	3-LED, with bail	White	3	1	12	1,566	2.25" (57mm) H x 3.5" (89mm) W x 1.75" (44mm) D
NP3BB	3-LED, with bail	Black				1,566	
NP6BW	6-LED, with bail	White	6	1.5	12	2,552	3" (76mm) H x 3.5" (89mm) W x 1.75" (44mm) D
NP6BB	6-LED, with bail	Black				2,552	

Rubber Housing Spot/Floodlights



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

FEATURES

- Rubber housing with stainless steel stud/swivel
- Available with or without lighthead
- Hard-coated lenses
- Visit www.whelen.com for a full list of available options



P36SLCHG

MODEL

Model	Description	Amps	VDC	Lumens	Dimensions
P36SLCHG	PAR-36, combination spotlight/floodlight	0.85 @ 12 VDC 0.425 @ 24 VDC	12 24	700	5.5" (139mm) H x 3.75" (94mm) D x 4.813" (122mm) Dia

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500 Series



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

FEATURES

- Directional optics
- Fully encapsulated
- Requires additional mounting
- Includes a 6" pigtail



50A03ZAR

50C03ZCR

MODELS

Model	Technology	Mount	Color	Amps	VDC	Patterns	Cable	Compliance	Dimensions
50A03ZAR	TIR6™ Super-LED®	Requires optional mounting	A	0.63/peak 0.315/avg	12	25 Scan-Lock™	6" Pigtail	J595 Class 1 Amber / J845 Class 2 Amber / CA T13	1.625" (41mm) H x 5" (127mm) W x 1.375" (35mm) D
50C03ZCR			W	0.315/peak 0.125/avg per side				J595 Class 1	

OPTIONS - VISIT WHELEN.COM FOR FULL LIST OF OPTIONS



5GROMMET



5TSMAB



5TSMAC

2G & 5G Series



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

FEATURES

- Hard-coated lenses
- Fully encapsulated
- Grommet mount included
- Includes a 12" pigtail and vinyl grommet



2G



5G

MODELS

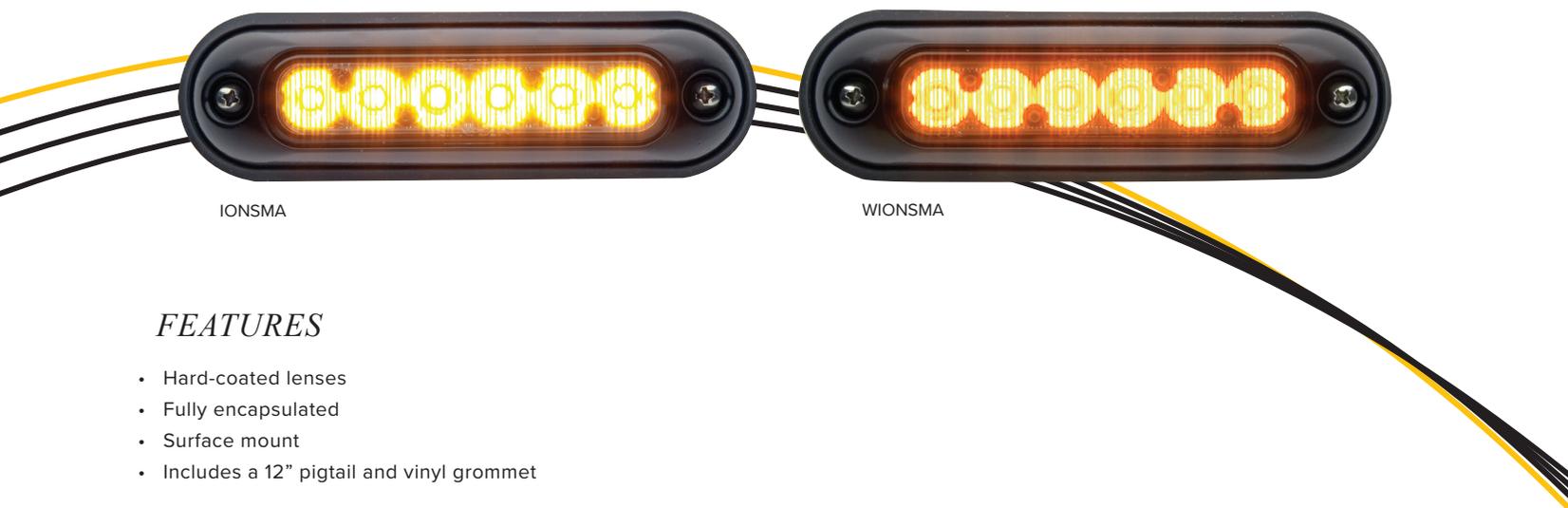
Model	Description	Amps	VDC	Patterns	Compliance	Dimensions
2GA00FAR	2G Series, 5mm LED warning light, Amber	500mA / peak	12	15 Scan-Lock flash patterns	J595 Class 1	5.5" (140mm) Dia. x 1.25" (32mm) D (with grommet)
5GA00FAR	5G Series, 5mm LED warning light, Amber	300mA / avg			J595 Class 1 Amber / J845 Class 2 Amber	3.188" (81mm) H x 7.438" (189mm) W x 1.25" (32mm) D (with grommet)

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ION™ 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

- Hard-coated lenses
- Fully encapsulated
- Surface mount
- Includes a 12" pigtail and vinyl grommet

MODELS

Model	Lamp Type	Color	Amps	VDC	Flash Patterns	Compliance	Dimensions
IONSMA		Amber				SAE Class 1 for both J845 and 595. CA T13	
IONSMC	Directional	White				SAE J595 Class 1	
IONSMF		Amber/White	1/peak 0.40/avg	12	25 Scan-Lock™ flash patterns	SAE J595 Class 1 / J845 Class 2	1.68" (43mm) H x 1.125" (28mm) D x 5.94" (150mm) L
WIONSMA		Amber				SAE Class 1 for both J845 and 595. CA T13	
WIONSMC	Wide-angle	White				SAE Class 1 for both J845 and 595.	
WIONSMF		Amber/White				SAE Class 1 for both J845 and 595.	

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ION™ T-Series™



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

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TLIC



TLIMA



T-Series profile

FEATURES

- Linear Super-LED® optics
- Fully encapsulated
- Surface mount
- All models include a Clear lens
- Includes a 4 wire 6" pigtail and Black mounting flange
- Sync to other Whelen Sync products

MODELS

Model	Series	Color	Amps	VDC	Flash Patterns	Compliance	Dimensions
TLIA	T-Series	Amber	0.6/peak 0.24/avg	12	25 Scan-Lock™ flash patterns	SAE Class 1 & T13	1.50" (38mm) H x 5" (127mm) W x 0.50" (13mm) D
TLIC		White					
TLMA	Mini T-Series	Amber	0.4/peak 0.16/avg			SAE Class 1	1.50" (3.81cm) H x 3.34" (8.48cm) W x .50" (1.27cm) D
TLMIC		White					



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TIR3™ & LIN3™ Series



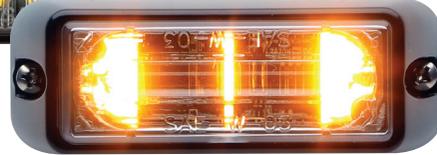
Features available across product family. May not apply to every model



TIR3 in dual Chrome housing



TIR3 horizontal mount



LIN3



TIR3 vertical mount

FEATURES

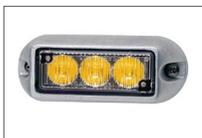
- Directional TIR3 or LIN3 optics
- Fully encapsulated
- Surface mount
- Includes a 6" pigtail and Black polycarbonate mounting flange
- Sync to other Whelen Sync products

MODELS

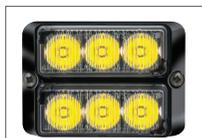
Model	Technology	Mount	Color Lighthouse/Lens	Amps	VDC	Flash Patterns	Compliance	Dimensions
RSA03ZCR	TIR3 Super-LED®	Horizontal, surface	Amber/Clear	0.40 / peak 0.16 / avg.	12	25 Scan-Lock™ flash patterns	SAE Class 1	1.125" (28mm) H x 1.25" (32mm) D x 3.50" (89mm) L
RSC03ZCR			White/Clear					
RVA03ZCR		Vertical, surface	Amber/Clear					
RVC03ZCR			White/Clear					
RSA02ZCR	LIN3 Super-LED	Horizontal, surface	Amber/Clear					
RSC02ZCR			White/Clear					



OPTIONS - VISIT WHELEN.COM FOR FULL LIST OF OPTIONS



RFLANGCD Chrome Flange



RFLANG2B Dual Surface Mount Flange, Black or Chrome



RBKT1 "L" Mounting Bracket For One Lighthouse



RBKT2 Dual "L" Mounting Bracket For Two Lighthouses

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Vertex™ Series



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



FEATURES

- Self-contained light with in-line lamp driver
- Produces light in a hemispheric pattern
- Omni-directional optics
- Fully encapsulated
- Mounts internally within composite headlight and taillight assemblies
- Includes a 9' pre-wired and sealed 4-C/22 gauge cable with power, pattern, and synchronize wires
- Sync to other Whelen Sync products

MODELS

Model	Optic	Technology	Mount	Amps	VDC	Flash Patterns	Compliance	Dimensions
VTX609A	Omni-directional, Amber	Super-LED*	1" Hole recess or surface (mounting purchased separately)	.750 / peak .30 / avg.	12	25 Scan-Lock™ flash patterns	-	1" (26mm) H x 1.625" (41mm) Dia.
VTX609C	Omni-directional, White							

OPTIONS - VISIT WHELEN.COM FOR FULL LIST OF OPTIONS



VTXFB Black Flange



VTXFC Chrome Flange

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Justice® Series

5YR \geq 12 SC HARD COAT SCAN LOCK SAE CLASS 1 ISOLO

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



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



JE2AMB

FEATURES

- Linear-LED® technology
- Extruded aluminum platform
- Black polycarbonate base
- Advanced thermal design
- 15' passenger side exit table
- Easily upgraded in the field

MODELS

Model	Technology	Mount	Base	Modules	Color	Dome	Amps	VDC	Flash Patterns	Compliance	Dimensions
JE2AMB	Super-LED®	Permanent or strap	Black polycarbonate base on extruded aluminum platform	4-corner Linear Super-LED® and 8 CON3 inboard modules	Amber	Clear	8.0 / peak	12	52 Scan-Lock™ flash patterns	SAE Class 1	2.25" (57mm) H x 12" (304mm) W x 56" (147cm) L
JE8AMB							3.2 / avg.				2.25" (57mm) H x 12" (304mm) W x 50" (142cm) L

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Mini Liberty™ II Series



PROCLERA SILICONE OPTICS | SOLO

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



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



IT9AAAAP

FEATURES

- Four Linear-LED® corner modules
- Extruded aluminum platform
- Polycarbonate dome
- 100% solid-state
- Advanced thermal design

MODELS

Model	Technology	Mount	Base	Module	Color	Dome	Amps	VDC	Patterns	Compliance	Dimensions
IT9AAAAP	Linear Super-LED®	Permanent	Extruded aluminum	4-corner Linear Super-LED	Amber	Clear	4.0 / peak	12	58 Scan-Lock™ flash patterns	SAE Class 1	2.50" (64mm) H x 11.313" (287mm) W x 19.313" (49cm) L
IT9AAAAM		Magnetic					1.6 / avg.				

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Mini Justice® Series



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



MJEP1A

FEATURES

- Four Linear-LED® corners and four Conical inboard modules
- Extruded aluminum platform
- Polycarbonate dome
- 100% solid-state
- Preconfigured lightbars

MODELS

Model	Technology	Mount	Base	Module	Color	Dome	Amps	VDC	Patterns	Compliance	Dimensions
MJEG1A					Amber		6.0 / peak				
MJEG1F	Linear & CON3™ Super-LED®	Magnetic	Polycarbonate on extruded aluminum platform	4-corner Linear-LED	Amber/White	Clear	2.4 / avg.	12	95 Scan-Lock™ patterns	SAE Class 1	2.25" (57mm) H x 12" (304mm) W x 22" (558mm) L
MJEP1A				4 inboard CON3	Amber						
MJEP1F		Permanent			Amber/White						



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Mini Century™ Series



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



FEATURES

- Four LinearSuper-LED® corners and TIR6™ Super-LED inboards
- Extruded aluminum platform
- Polycarbonate dome
- Compression fit gasket
- 100% solid-state
- Standard current switching and patterns
- Preconfigured lightbars

MODELS

Model	Technology	Mount	Base	Color	Dome	Amps	VDC	Flash Patterns	Compliance	Dimensions	
MC11PA		Permanent		Amber		3.6 / peak				2.40" (61mm) H x 7.74" (197mm) W x 11.50" (292mm) L	
MC11PC				White							
MC11MA		Magnetic		Amber	Amber	2.2 / avg.					
MC11SA		Stud		White							
MC11SC				White							
MC16PA		Permanent		Amber						2.40" (61mm) H x 7.740" (197mm) W x 16.56" (421mm) L	
MC16PF				Driver side, Amber Passenger side, White	Clear						
MC16MA		Magnetic		Amber	Amber	4.8 / peak					
MC16MF			Driver side, Amber Passenger side, White	Clear							
MC16VA				Amber	Amber	3 / avg.					
MC16VF	4 Linear Super-LED® corners and TIR6™ Super-LED inboards	Magnetic/suction		Driver side, Amber Passenger side, White	Clear						
MC16SA			Aluminum	Amber	Amber		12	17 Scan-Lock® flash patterns	SAE Class 1		
MC16SF		Stud			Driver side, Amber Passenger side, White						Clear
MC23PA		Permanent		Amber	Amber						2.40" (61mm) H x 7.74" (197mm) W x 23.25" (591mm) L
MC23PF				Driver side, Amber Passenger side, White	Clear						
MC23MA		Magnetic		Amber	Amber	7.2 / peak					
MC23MF			Driver side, Amber Passenger side, White	Clear							
MC23VA				Amber	Amber	4.4 / avg.					
MC23VF		Magnetic/suction		Driver side, Amber Passenger side, White	Clear						
MC23SA			Stud	Amber	Amber						
MC23SF					Driver side, Amber Passenger side, White				Clear		



Note: The use of a magnetic mounted beacon or lightbar 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® R1LP Series



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



FEATURES

- Six Conical modules
- Polycarbonate platform
- Polycarbonate dome
- 100% solid-state

MODELS

Model	Technology	Mount	Base	Modules	Color	Dome	Amps	VDC	Flash Patterns	Compliance	Dimensions			
R1LPPA	CON3™ Super-LED®	Permanent	Poly-carbonate	6	Amber	Amber	3 / peak	12	30 Scan-Lock™ flash patterns, including 4 simulated rotating patterns (permanent mount only)	SAE Class 1	2.875" (73mm) H x 6.313" (160mm) W x 17" (432mm) L			
R1LPPF					Split Amber/White	Clear								
R1LPMA		Magnetic			Amber	Amber	Amber					1.2 / avg.		
R1LPMF						Split Amber/White	Clear							
R1LPVA						Magnetic/ suction	Amber					Amber	Amber	ActionScan™ default (magnetic mount only)
R1LPVF												Split Amber/White	Clear	

*Also available with Clear domes, add -CA to end of model number.

Note: The use of a magnetic mounted beacon or lightbar on the roof of a vehicle in motion is not recommended and is at the sole discretion and risk of the user.

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Responder® R2LP Series



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



R2LPMF

FEATURES

- Six Linear-LED® modules
- Polycarbonate or aluminum platform
- Polycarbonate dome
- 100% solid-state

MODELS

Model	Technology	Mount	Base	Color	Dome	Amps	VDC	Flash Patterns	Compliance	Dimensions
R2LPPA		Permanent		Amber	Amber					
R2LPPF				Split color Amber/White	Clear					
R2LPMA		Magnetic	Poly-carbonate	Amber	Amber			30 Scan-Lock™ flash patterns including, 4 simulated rotating patterns (permanent mount only)	SAE Class 1	2.875" (73mm) H x 6.313" (160mm) W x 17" (432mm) L
R2LPMF				Split color Amber/White	Clear					
R2LPVA	LIN6™ Super-LED®	Magnetic/ suction		Amber	Amber	6 / peak 2.4 / avg.	12	ActionScan™ default (magnetic mount only)		
R2LPVF				Split color Amber/White	Clear					
R2LPHPA		Permanent								
R2LPHMA		Magnetic	Aluminum	Amber	Amber					3.25" (82mm) H x 6.313" (160mm) W x 17" (432mm) L
R2LPHVA		Magnetic/ suction								

Note: The use of a magnetic mounted beacon or lightbar on the roof of a vehicle in motion is not recommended and is at the sole discretion and risk of the user.

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Traffic Advisor™ Front Load



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



TACTL5

FEATURES

- Interior or exterior applications
- Extruded aluminum housing
- Left arrow, right arrow, split arrow & warning function
- Fully encapsulated
- Consult current price list for available options
- Visit whelen.com for full list of available options

MODEL

Model	Lamps	Lighthouse	Description	VDC	Compliance	Dimensions
TACF85	8	CON3™	15' cable, includes TACTL5 control head	12	SAE Class 1	2.375" (60mm) H x 2.375" (60mm) D x 45.13" (115cm) L

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Traffic Advisor™ TAC8 (Economy)



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



FEATURES

- Black extruded aluminum housing
- Four operating modes: left, right, split, or flashing
- Control head mounting kit included and allows for VHB double-sided adhesive, Velcro®, and permanent mount
- Rear dip switch provides 8 flash pattern choices

MODELS

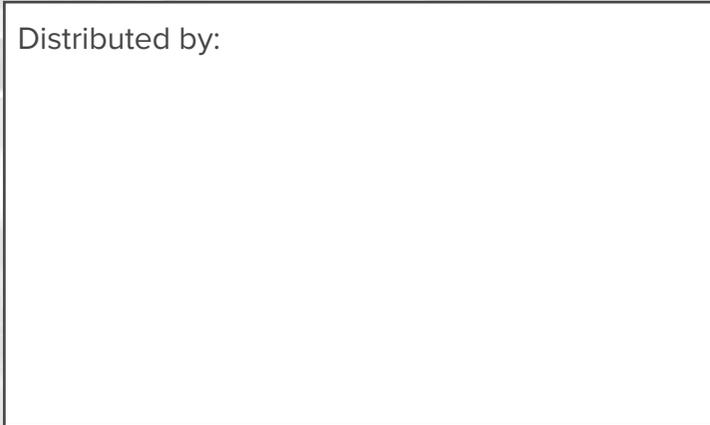
Model	Lamps	Lightheads	Description	VDC	Compliance	Dimensions
TAC815			15' cable, includes control head			
TAC830	8	SOLO™ Super-LED®	30' cable, includes control head	12	SAE Class 1	2" (6cm) H x 2.64" (7cm) D x 47.75" (121cm) L
TAC850			50' cable, includes control head			

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