

# Amber Essentials

*PROFESSIONAL WARNING AND LIGHTING*



Whelen  
Engineering  
[whelen.com](http://whelen.com)

**WHELEN**<sup>®</sup>  
MANUFACTURED IN AMERICA

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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**

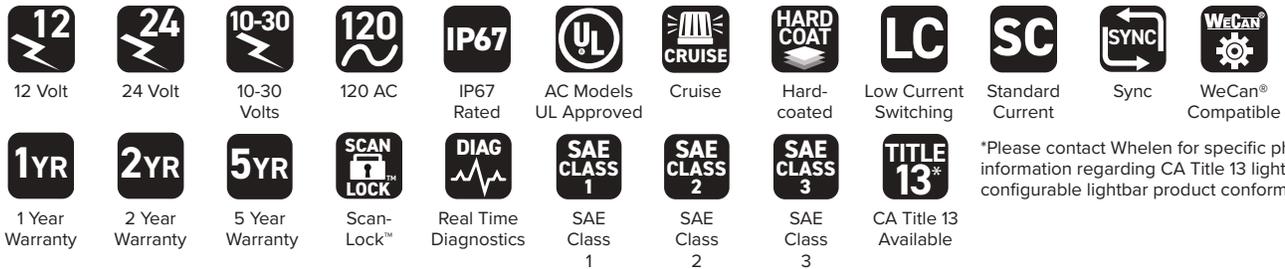
to learn about our full line of emergency lighting and warning products

WhelenEng



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# Icon Legend



\*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-lifereliability.

**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



L53AM



L51AP

## 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	Patterns	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		

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

## OPTION - VISIT [WHELEN.COM](http://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	High	Amber	1.0 / peak 0.4 / avg.	12	75 SignalAlert™ 18 Scan-Lock™ flash patterns	Class 1 (Amber)	6.4" (163mm) H x 6.3" (161mm) Dia.
L10HAP	Permanent							
L10HAV	Magnetic/suction							
L10HCP	Permanent	Low	White					
L10LAM	Magnetic		Amber					
L10LCP	Permanent		White					
L10LAP	Permanent	Amber	4.9" (125mm) H x 6.3" (161mm) Dia.					
L10LAV	Magnetic/suction							



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

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](http://WHELEN.COM) FOR FULL LIST OF OPTIONS



MIRROR20 Mirror Mount Bracket



BGH Branch Guard High



BGL Branch Guard Low



DH2000A Fresnel Dome High



DL2000A Fresnel Dome Low

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# L21 Series



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



## FEATURES

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

## MODELS

Model	Mount	Profile	Base	Amps	VDC	Flash Patterns	Compliance	Dimensions					
L21HAP	Combination	High	Polycarbonate	1.5 / peak 0.60 / avg.	12	25 Scan-Lock™ flash patterns, including steady-burn (permanent mount only)  75 SignalAlert™ default, 25 Scan-Lock flash patterns (magnetic/magnetic suction mounts only)	J845 Class 1 Amber & J595 Class 3 Amber	6.813" (172mm) H x 6.438" (163mm) Dia.					
L21HAM	Magnetic												
L21HAV	Magnetic/suction												
L21LAP	Combination	Low						Polycarbonate	1.5 / peak 0.60 / avg.	12	25 Scan-Lock™ flash patterns, including steady-burn (permanent mount only)  75 SignalAlert™ default, 25 Scan-Lock flash patterns (magnetic/magnetic suction mounts only)	J845 Class 1 Amber & J595 Class 3 Amber	5.313" (134mm) H x 6.438" (163mm) Dia.
L21LAM	Magnetic												
L21LAV	Magnetic/suction												

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](http://WHELEN.COM) FOR FULL LIST OF OPTIONS



MIRROR20 Mirror Mount Bracket

BGH Branch Guard High

BGL Branch Guard Low

DH2000A Fresnel Dome High

DL2000A Fresnel Dome Low

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# L41 Series



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



L41AP



L41AM

## FEATURES

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

## MODELS

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

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# L31 & L32 Series

5YR SOLO

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

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

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# QuickFit™

2YR

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



## 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	Fits Ford F-150 2015-2021 and F-250/F-350 Super Duty, 2017-2022, Black Powder Coated Aluminum Housing*
QFFORD1W	Fits Ford F-150 2015-2021 and F250/F-350 Super Duty, 2017-2022 White Powder Coated Aluminum Housing*
QFFORD1S	Fits Ford F-150 2015-2021 and F250/F-350 Super Duty, 2017-2022 Black Powder Coated Steel Housing
QFFRD1SW	Fits Ford F-150 2015-2021 and F-250/F-350 Super Duty, 2017-2022, White Powder Coated Steel Housing
QFRAM2	Fits Ram 1500 Classic 2019 - 2021 Black Powder Coated Aluminum Housing*
QFRAM2W	Fits Ram 1500 Classic 2019 -2021 White Powder Coated Aluminum Housing*
QFRAM2S	Fits Ram 1500 Classic 2019 - 2021 Black Powder Coated Steel Housing
QFRAM2SW	Fits Ram 1500 Classic 2019 - 2021 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



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		Black					
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		Black					

# Rubber Housing Spot/Floodlights



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

## FEATURES

- Rubber housing with stainless steel stud/swivel
- Hard-coated lenses



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



## MODELS

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



## OPTIONS - VISIT [WHELEN.COM](http://WHELEN.COM) FOR FULL LIST OF OPTIONS



5GROMMET  
Grommet



5TSMAB



5TSMAC

# 2G & 5G Series



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

## FEATURES

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



2GA00FAR

5GA00FAR

## MODELS

Model	Description	Amps	VDC	Patterns	Compliance	Dimensions
2GA00FAR	4" Round LED warning light, Amber	500mA / peak 300mA / avg.	12	15 Scan-Lock flash patterns	J595 Class 1	5.5" (140mm) Dia. x 1.25" (32mm) D (with grommet)
5GA00FAR	6" Oval LED warning light, Amber				J595 Class 1 Amber / J845 Class 2 Amber	3.188" (81mm) H x 7.438" (189mm) W x 1.25" (32mm) D (with grommet)



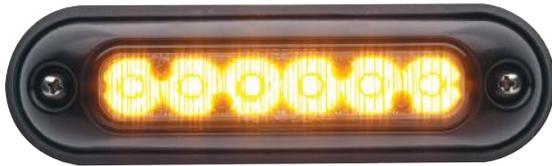
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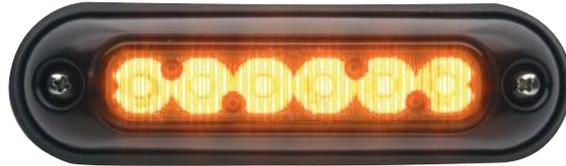
# ION™ Series



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



IONSMA



WIONSMA

## 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	Directional	Amber	1 / peak 0.40 / avg.	12	25 Scan-Lock™ flash patterns	SAE Class 1 for both J845 and 595. CA T13	1.68" (43mm) H x 1.125" (28mm) D x 5.94" (150mm) L
IONSMC		White				SAE J595 Class 1	
IONSMF		Amber/White				SAE J595 Class 1 / J845 Class 2	
WIONSMA	Wide-angle	Amber				SAE Class 1 for both J845 and 595. CA T13	
WIONSMC		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  
 \*Please contact Whelen for specific photometric information regarding CA  
 Title 13 lighthead and configurable lightbar product conformance.



TLIC



TLMIA



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				SAE Class 1	
TLI2F		Amber/White					
TLMIA	Mini T-Series	Amber	0.4 / peak 0.16 / avg.	12	25 Scan-Lock™ flash patterns	SAE Class 1	1.50" (38mm) H x 3.34" (84.84mm) W x .50" (13mm) D
TLMIC		White					
TLMI2F		Amber/White					

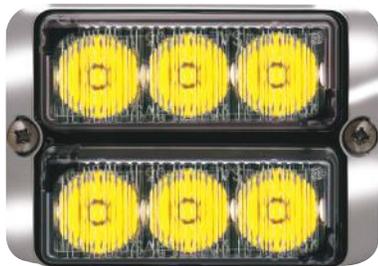
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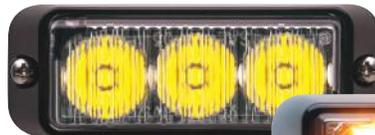
# TIR3™ / LIN3™ Series



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	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
RSC02ZCR			White/Clear					

## OPTIONS - VISIT [WHELEN.COM](http://WHELEN.COM) FOR FULL LIST OF OPTIONS



RFLANGCD  
Chrome Flange



RFLANG2B/RFLANG2C  
Dual Surface Mount  
Flange, Black or Chrome



RBKT1 "L" Mounting  
Bracket For One  
Lighthouse



RBKT2 "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							
VTX9F	Omni-directional, DUO Amber/White							

## OPTIONS - VISIT [WHELEN.COM](http://WHELEN.COM) FOR FULL LIST OF OPTIONS



VTXFB Black Flange



VTXFC Chrome Flange

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# Justice® Series

5YR 12 SC HARD COAT SAE CLASS 1 SOLO™

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



Download WeCad™ for full list of available options  
[whelen.com/eng\\_apps](http://whelen.com/eng_apps)



## 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 3.2 / avg.	12	52 Scan-Lock™ flash patterns	SAE Class 1	2.25 (57mm) H x 12" (305mm) W x 56" (142cm) L
JE8AMB											2.25 (57mm) H x 12" (305mm) W x 50" (127cm) L

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# Mini Liberty™ II Series



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



Download WeCad™ for full list of available options  
[whelen.com/eng\\_apps](http://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	Flash 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

5YR 12 SC SCAN LOCK HARD COAT SAE CLASS 1 ISOLO™ PROCLERA  
SILICON OPTICS



## 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	Size
MJEG1A	Linear & CON3™ Super-LED®	Magnetic	Polycarbonate on extruded aluminum platform	4-corner Linear-LED 4 inboard CON3	Amber	Clear	6.0 / peak	12	95 Scan-Lock™ patterns	SAE Class 1	2.25" (57mm) H x 12" (304mm) W x 22" (558mm) L
MJEG1F					Amber/White		2.4 / avg.				
MJEP1A		Permanent			Amber		(4 Corner only)				
MJEP1F					Amber/White						

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# Mini Century™ Series



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



## FEATURES

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



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® R1LP Series



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



R1LPVF



R1LPPA

## 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 1.2 / avg.	12	30 Scan-Lock™ flash patterns, including 4 simulated rotating patterns (permanent mount only)  ActionScan™ default (magnetic 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					
R1LPMF					Split Amber/White	Clear					
R1LPVA		Magnetic/ suction			Amber	Amber					
R1LPVF					Split Amber/White	Clear					



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

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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	LIN6™ Super-LED®	Permanent	Poly-carbonate	Amber	Amber	6 / peak 2.4 / avg.	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		
R2LPPF				Split color Amber/White	Clear							
R2LPMA				Amber	Amber							
R2LPMF		Split color Amber/White		Clear								
R2LPVA		Amber		Amber								
R2LPVF		Split color Amber/White		Clear								
R2LPHPA		Permanent	Aluminum	Amber	Amber						ActionScan™ default (magnetic mount only)	3.25" (82mm) H x 6.313" (160mm) W x 17" (432mm) L
R2LPHMA		Magnetic										
R2LPHVA		Magnetic/ suction										



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# Traffic Advisor™ Front Load



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



## FEATURES

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

## MODEL

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

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