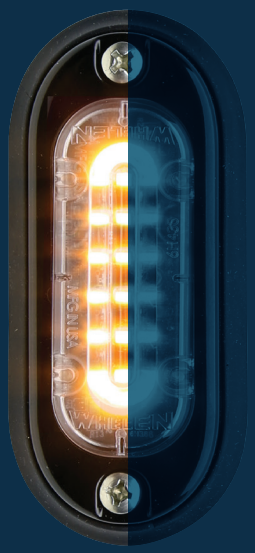


AMBER ESSENTIALS

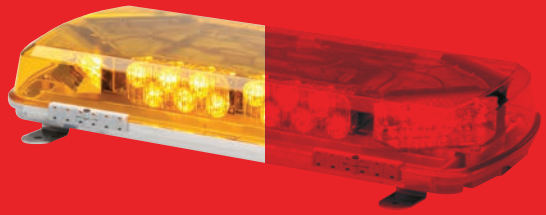
PROFESSIONAL WARNING AND LIGHTING

A comprehensive guide to Whelen's lighting and warning products

1952 2022

70 YEARS

WHELEN



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VISIT US AT
whelen.com
TO LEARN ABOUT OUR FULL LINE OF EMERGENCY LIGHTING AND WARNING PRODUCTS

@WhelenENG

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

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

ICON LEGEND

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 lighthead and configurable lightbar product conformance.

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

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

DYAD™
Two level technology

Encapsulated
Lightheads are fully encapsulated for moisture and vibration resistance.

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

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.

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.

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

Split
Two color lighthead where each color fills half of the reflector

Standard Current
Lightbar functions are wired directly to the switching device and require switches that are matched to the current draw of the desired functions to be activated.

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 - (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.

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

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

WeCan®
Whelen’s proprietary CAN based communication system

⚠ 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.

L50 Series

5YR | 12 | SYNC | SCAN LOCK | SAE CLASS 1 | SAE CLASS 3

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

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 for full list of options

MIRROR15 Mirror Mount Bracket

WHELEN MANUFACTURED IN AMERICA

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L10 Series

5YR | 12 | SYNC | SCAN LOCK | SAE CLASS 1 | SOLO

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

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		White					
L10LAM	Magnetic	Low	Amber					4.9” (125mm) H x 6.3” (161mm) Dia.
L10LCP	Permanent		White					
L10LAP			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 Guard High

BGL Branch Guard Low

DH2000A Fresnel Dome High

DL2000A Fresnel Dome Low

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L21 Series

5YR | 12 | SYNC | SCAN LOCK | SAE CLASS 1 | iSOLO

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

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							5.313" (134mm) H x 6.438" (163mm) Dia.
L21LAP	Combination	Low						
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 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

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

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 RFI/EMI radiation

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 0.75 / peak 0.3 / avg. @ 24VDC	12/24	75 SignalAlert™ default, 25 selectable patterns total, including steady-burn	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								
L41AV	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.

⚠ 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 MANUFACTURED IN AMERICA

L31 & L32 Series

5YR 12 24 HARD COAT SAE CLASS 1 TITLE 13 SOLO

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

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

L31HAF

L32LAF

Features

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

Model	Mount	Profile	Base	Amps	VDC	Flash Patterns	Control	Compliance	Dimensions
L31HAF	Permanent	High	Die-cast aluminum	5 / peak 2 / avg.	12	Permanent mount 69 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								
L31HAV	Magnetic/ suction								
L31HAF4	Permanent				24				
L31HAFCA					12			Meets CA Title XIII	
L32LAF	Permanent	Low		2.0 / peak .8 / avg.				Class 1 (Amber)	2.625” (67mm) H x 7.188” (182mm) Dia.
L32LAM	Magnetic								
L32LAV	Magnetic/ suction								

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QuickFit™

2YR

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

Shown with OE brake light

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

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
QFGM2	NEW Chevy Silverado 1500 with Spoiler, 2019-2022, Black Powder Coated Aluminum Housing (Not for Use with Magnetic Mount Lights)
QFGM2W	NEW Chevy Silverado 1500 with Spoiler, 2019-2022, White Powder Coated Aluminum Housing (Not for Use with Magnetic Mount Lights)
QFGM2S	NEW Chevy Silverado 1500 with Spoiler, 2019-2022, Black Powder Coated Steel Housing (Will work with Magnetic Mount Lights)
QFGM2SW	NEW Chevy Silverado 1500 with Spoiler, 2019-2022, White Powder Coated Steel Housing (Will work with Magnetic Mount Lights)
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, 2019-2021, Black powder coated aluminum housing*
QFRAM2W	Ram 1500 Classic, 2019-2021, White powder coated aluminum housing*
QFRAM2S	Ram 1500 Classic, 2019-2021, Black powder coated steel housing
QFRAM2SW	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™

5YR | 12 | IP67 | HARD COAT

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

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

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		2,552	3” (76mm) H x 3.5” (89mm) W x 1.75” (44mm) D
NP6BB		Black					

Rubber Housing Spot/Floodlights

5YR | 12 | 24 | HARD COAT

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

P36SLCHG

Features

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

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

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

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

50A03ZAR

50C03ZCR

Features

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

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 for full list of options

5GROMMET
Grommet

5TSMAB

5TSMAC

2G & 5G Series

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

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

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

5YR · 12 · SYNC · SCAN LOCK · HARD COAT · SAE CLASS 1 · TITLE 13* · SOLO™ · DUO™

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

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

IONSMA

WIONSMA

Features

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

Model	Lamp Type	Color	Amps	VDC	Flash Patterns	Compliance	Dimensions
IONSMA	Directional	Amber	1 / peak 0.40 / avg.	12	33 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™

5YR · 12 · SYNC · IP67 · SCAN LOCK · HARD COAT · SAE CLASS 1 · TITLE 13* · SOLO™

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

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

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

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	1.49” (38mm) H x 5.14” (131mm) L x .52 (13mm) D
TLIC		White				SAE Class 1	
TLI2F		Amber/ White			69 Scan-Lock™ flash patterns		
TLMIA	Mini T-Series	Amber	0.4 / peak 0.16 / avg.		25 Scan-Lock™ flash patterns		1.49” (38mm) H x 3.34” (85mm) L x .54” (14mm) D
TLMIC		White					
TLMI2F		Amber/ White					

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TIR3™/LIN3™ Series

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

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

Model	Technology	Mount	Color Lighthead/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/RFLANG2C
Dual Surface Mount
Flange, Black or Chrome

RBKT1 “L” Mounting
Bracket For One
Lighthead

RBKT2 I “L” Mounting
Bracket For Two
LIghtheads

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Vertex™ Series

5YR | 12 | SYNC | SCAN LOCK | SOLO DUO™

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

VTX609A

VTX609C

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

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 for full list of options

VTXFB Black Flange

VTXFC Chrome Flange

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

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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/download-software

JEF8AMB

Features

- Linear-LED® technology
- Extruded aluminum platform
- Black polycarbonate base
- Advanced thermal design
- 15’ passenger side exit table
- Easily upgraded in the field
- Includes Mounting Kit 29, allowing for permanent or strap mounting (strap kit purchased separately)

Model	Technology	Mount	Base	Modules	Color	Dome
JEF8AMB	Super-LED®	Permanent or strap	Black polycarbonate base on extruded aluminum platform	4-corner Linear Super-LED® and 8 CON3™ inboard modules	Amber	Clear
JEF2AMB						

Model	Amps	VDC	Flash Patterns	Compliance	Dimensions
JEF8AMB	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
JEF2AMB					2.25 (57mm) H x 12” (305mm) W x 50” (127cm) L

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Mini Liberty™ II Series

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

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

Download WeCad™ for full list of available options
whelen.com/download-software

IT9AAAAP

Features

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

Model	Technology	Mount	Base	Module	Color	Dome
IT9AAAAP	Linear	Permanent	Extruded aluminum	4-corner Linear Super-LED	Amber	Clear
IT9AAAAM	Super-LED®	Magnetic				

Model	Amps	VDC	Flash Patterns	Compliance	Dimensions
IT9AAAAP	4.0 /peak 1.6 / avg.	12	67 Scan-Lock™ flash patterns for Permanent Mount	SAE Class 1	4” (102mm) H x 11.31” (287mm) W x 19.31 (490mm) L
IT9AAAAM			75 Signal Alert for Magnetic Mount		

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.

WHELEN MANUFACTURED IN AMERICA

Mini Justice® Series

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

MJEG1A

Features

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

Model	Technology	Mount	Base	Module	Color	Dome
MJEG1A	Linear & CON3™ Super-LED®	Magnetic	Polycarbonate on extruded aluminum platform	4-corner Linear-LED 4 inboard CON3	Amber	Clear
MJEG1F					Amber/White	
MJEP1A		Permanent			Amber	
MJEP1F					Amber/White	

Model	Amps	VDC	Patterns	Compliance	Size
MJEG1A	6.0 / peak 2.4 / avg. (4 Corner only)	12	95 Scan-Lock™ patterns (Permanent mount)	SAE Class 1	2.25” (57mm) H x 12” (304mm) W x 22” (558mm) L
MJEP1A					
MJEP1F					

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.

Mini Century™ Series

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

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

Model	Tech.	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 2.2 / avg.	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						
MC11SA		Stud								
MC11SC				White						
MC16PA		Permanent		Amber		4.8 / peak 3 / avg.				2.40” (61mm) H x 7.74” (197mm) W x 16.56” (421mm) L
MC16PF				Driver side, Amber Passenger side, White	Clear					
MC16MA		Magnetic		Amber	Amber					
MC16MF				Driver side, Amber Passenger side, White	Clear					
MC16VA		Magnetic/ suction		Amber	Amber					
MC16VF				Driver side, Amber Passenger side, White	Clear					
MC16SA		Stud		Amber	Amber					
MC16SF				Driver side, Amber Passenger side, White	Clear					
MC23PA		Permanent		Amber	Amber	7.2 / peak 4.4 / avg.				2.50” (61mm) H x 7.74” (197mm) W x 23.26” (591mm) L
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					

Available in clear domes, consult price list for ordering information
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

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

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

R1LPVF

R1LPPA

Features

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

Model	Technology	Mount	Base	Modules	Color	Dome
R1LPPA	CON3™ Super-LED®	Permanent	Polycarbonate	6	Amber	Amber
R1LPPF					Split Amber/White	Clear
R1LPMA		Magnetic			Amber	Amber
R1LPMF					Split Amber/White	Clear
R1LPVA		Magnetic/suction			Amber	Amber
R1LPVF					Split Amber/White	Clear

Model	Amps	VDC	Flash Patterns	Compliance	Dimensions
R1LPPA	3 / peak 1.2 / avg.	12	55 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					
R1LPMA					
R1LPMF					
R1LPVA					
R1LPVF					

Available in clear domes, consult price list for ordering information
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Responder® R2LP Series

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

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

Model	Technology	Mount	Base	Color	Dome
R2LPPA	LIN6™ Super-LED®	Permanent	Polycarbonate	Amber	Amber
R2LPPF				Split color - Amber/White	Clear
R2LPMA		Magnetic		Amber	Amber
R2LPMF				Split color - Amber/White	Clear
R2LPVA		Magnetic/suction		Amber	Amber
R2LPVF				Split color - Amber/White	Clear
R2LPHPA		Permanent	Aluminum	Amber	Amber
R2LPHMA		Magnetic			
R2LPHVA		Magnetic/suction			

Model	Amps	VDC	Flash Patterns	Compliance	Dimensions
R2LPPA	6 / peak 2.4 / avg.	12	55 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
R2LPPF					
R2LPMA					
R2LPMF					
R2LPVA					
R2LPVF					
R2LPHPA					3.25” (82mm) H x 6.313” (160mm) W x 17” (432mm) L
R2LPHMA					
R2LPHVA					

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Traffic Advisor™ Front Load

5YR · 12 · HARD COAT · SAE CLASS 1 · SOLO™

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

TACF85

This controller is included with model TACF85

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	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)

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

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

TAC815

This controller is included with model TAC815

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

Model	Lamps	Lightheads	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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