

Amber Essentials

Professional Warning & Illumination

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Icon Legend

 12 Volt	 24 Volt	 Standard Current	 1 Year Warranty	 2 Year Warranty	 5 Year Warranty	 CA Title 13
 Sync	 Scan-Lock™	 SAE Class 1	 SAE Class 3	 Hard-coated	 IP67 Rated	 WeCAN

About Whelen

Whelen designs and manufactures reliable and powerful warning lights, white illumination lighting, sirens, controllers, and high-powered warning systems for Automotive, Aviation, and Mass Notification industries worldwide. Every part of every Whelen product is proudly

Chester, Connecticut facility



designed and manufactured in America and is tested on-site to meet the toughest industry certifications. On the road, in the air, and around the world, Whelen is trusted to be seen, trusted to be heard, trusted to perform.

Charlestown, New Hampshire facility



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



L50 Series

L51 **5YR** **12V** **SYNC** **SCAN LOCK™** **SAE CLASS 1** **HARD COAT**

L53 **5YR** **12V** **SYNC** **SCAN LOCK™** **SAE CLASS 3** **HARD COAT**

ISOLD



L51AP



L53AM

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	Certs
L51AP	Permanent	Polycarbonate	1.5 / peak 0.6 / avg.	12	25 Scan-Lock™ flash patterns	Yes	Class 1
L51AM	Magnetic						
L53AP	Permanent		0.4 / peak 0.16 / avg.		15 Scan-Lock flash patterns	-	Class 3 (Amber)
L53AM	Magnetic						

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.

Option

Model	Option Description
MIRROR15	West Coast mirror mount bracket

L10 Series



SOLO



L10LAM



L10HAP

Features

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

Models

Model	Mount	Profile	Base	Color	Amps	VDC	Flash Patterns	Certs
L10HAM	Magnetic	High	Polycarbonate	Amber	1.0 / peak 0.4 / avg.	12	75 SignalAlert™ 18 Scan-Lock™ flash patterns	Class 1 (Amber)
L10HAP	Permanent							
L10HAV	Magnetic/suction							
L10HCP	Permanent							
L10LAM	Magnetic	Low		Amber				
L10LCP	Permanent			White				
L10LAP				White				
L10LAV	Magnetic/suction			Amber				

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.



Options

Model	Option Description
MIRROR20	West Coast mirror mount bracket
BGH	Branch guard, high dome
BGL	Branch guard, low dome

Options

Replacement Dome
DH2000* (High)
DL2000* (Low)



* Replace asterisk in model number with letter indicating desired color: A= Amber

Super-LED® Beacons

L21 Series



SOLO



L21HAM



L21LAP

Features

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

Models

Model	Mount	Profile	Base	Amps	VDC	Flash Patterns	Certs
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 1 360° (Amber)
L21HAM	Magnetic						
L21HAV	Magnetic/suction	Low					
L21LAP	Combination						
L21LAM	Magnetic						
L21LAV	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.



Options

Model	Option Description
MIRROR20	West Coast mirror mount brackets
BGH	Branch guard, high dome
BGL	Branch guard, low dome

Options

Replacement Dome
DH2000* (High)
DL2000* (Low)

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

L41 Series



L41AP



L41AM

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	Certs	Control
L41AP	Permanent	Medium	Cast aluminum powder coated	1.5 / peak 0.6 / avg. 12 VDC	12/24	75 SignalAlert™ default	Class 1 (Amber)	Photocell Hi/Low on permanent mount only (special order only, please contact factory)
L41AM	Magnetic			0.75 / peak 0.3 / avg. 24 VDC		25 Scan-Lock™ flash patterns, including steady-burn		
L41AV	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.

Options

Model	Option Description
MIRROR20	West Coast mirror mount bracket

L31 & L32 Series

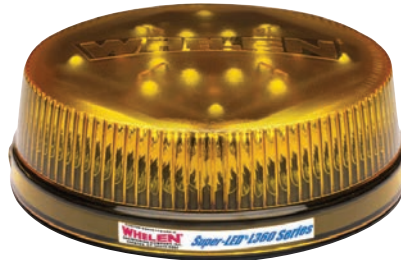
L31 **5YR** **12** **24** **CALIFORNIA T13 AVAILABLE** **SAE CLASS 1** **HARD COAT**

L32 **5YR** **12** **24** **SAE CLASS 1** **HARD COAT**

SOLO



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	Certs	Control
L31HAF	Permanent	High	Die-cast aluminum	5 / peak 2 / avg.	12	Permanent mount 30 Scan-Lock™ flash patterns, including 4 simulated rotating patterns	Class 1 (Amber)	Hi/Low intensity control (permanent mount only)
L31HAM	Magnetic				24			
L31HAV	Magnetic/suction							
L31HAF4								
L31HAFCA	Permanent					Meets CA Title XIII		
L32LAF	Permanent	Low		2.5 / peak 1 / avg.	12	Magnetic mount 75 SignalAlert™ only	Class 1 (Amber)	
L32LAM	Magnetic				24			
L32LAV	Magnetic/suction							
L32LAF4	Permanent							

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.



Mounting Accessories

QuickFit™

2YR



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

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

Pioneer Nano™

5YR ≥ 12 IP67 **HARD COAT**



NP3BB

NP6BB



NP3BW

NP6BW

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	Diodes	Mount	Housing	Amps	VDC	Watts	Lumens	Size
NP3BB	3	Bail/stud	Black	1	12	12.8	1100	1.875" (48mm) H x 1.75" (44mm) D x 3.50" (89mm) L
NP3BW			White					
NP6BB	6		Black	1.5		19.6	1800	2.63" (67mm) H x 1.75" (44mm) D x 3.50" (89mm) L
NP6BW			White					



Rubber Housing Spot/Floodlights

5YR ≥ 12 ≥ 24

Features

- ▶ Rubber housing with stainless steel stud/swivel
- ▶ Available with or without lighthead
- ▶ Hard-coated lenses
- ▶ Consult current price list for available options



P36SLCHG

Side view

Model

Model	Mount	Amps	Size
P36SLCHG	Stud/swivel	0.85 @ 12 VDC 0.425 @ 24 VDC	5.50" (140mm) H x 4.875" (122mm) Dia x 3.625" (91mm) D



500 Series



Features

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



500 Series TIR6 with optional rubber grommet

Models

Model	Product	Mount	Color Lighthouse/Lens	Amps	VDC	Flash Patterns	Size	Certs
50A03ZAR	500 Series	Horizontal	Amber/Amber	800mA max	12	25 Scan-Lock™ flash patterns	1.625" (41mm) H x 5" (127mm) W x 1.375" (35mm) D	SAE Class 1
50C03ZCR			White/Clear					

Options

Model	Series	Option Description
5GROMMET	500 Series	Rubber grommet kit
5TSMAB		Black surface mount adapter
5TSMAC		Chrome surface mount adapter

2G & 5G Series



Features

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



2GA00FAR



5GA00FAR

Models

Model	Product	Lens Color	Amps	VDC	Flash Patterns	Size with grommet	Certs
2GA00FAR	2G (round)	Amber	500mA / peak	12	15 Scan-Lock flash patterns	5.50" (140mm) Dia.	SAE Class 1
5GA00FAR	5G (oval)		300mA / avg			3.188" (81mm) H x 7.438" (189mm) W x 1.25" (32mm) D	

ION™ Series



SOLO



IONSMA



WIONSMA

Features

- ▶ TIR directional or wide-angle optics
- ▶ Fully encapsulated
- ▶ Surface mount
- ▶ All models include a Clear lens
- ▶ Includes a 6" pigtail and mounting flange
- ▶ Sync to other Whelen Sync products

Models

Model	Lamp Type	Color	Amps	VDC	Flash Patterns	Size	Certs
IONSMA	Directional	Amber	1/peak 0.40/avg	12	25 Scan-Lock™ flash patterns	1.68" (43mm) H x 1.125" (28mm) D x 5.94" (150mm) L	SAE Class 1
IONSMC		White					
IONSMF		Amber/White					
WIONSMA	Wide-angle	Amber					
WIONSMC		White					
WIONSMF		Amber/White					



ION™ T-Series™ and Mini T-Series



SOLO



TLIC



TLMIA



T-Series
profile

Features

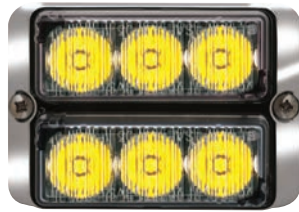
- ▶ Linear Super-LED® optics
- ▶ Fully encapsulated
- ▶ Surface mount
- ▶ All models include a Clear lens
- ▶ Includes a 4 wire 6" pigtail and Black mounting flange
- ▶ Sync to other Whelen Sync products

Models

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



TIR3™ / LIN3™ Series



TIR3 in dual Chrome housing



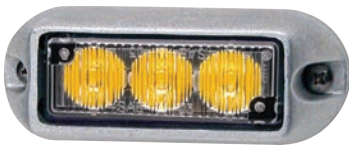
TIR3 horizontal mount



LIN3



TIR3 vertical mount



TIR3 in cast aluminum flange

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

Options

Model	Technology	Option Description
RFLANGCD	TIR3 & LIN3	Chrome plated flange kit
RFLANGEA		Cast aluminum brush guard flange kit
RFLANG2C		Chrome flange for dual lightheads
RFLANG2B		Black flange for dual lightheads
RBKT1		Mounting bracket for one lighthead
RBKT2		Mounting bracket for two lightheads



Vertex™ Series



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

Model	Optic	Technology	Mount	Amps	VDC	Flash Patterns	Size
VTX609*	Omni-directional	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.



* Replace asterisk in model number with desired color: A = Amber, C = Clear/White

Options

Model	Option Description
VTXFB	Black flange for surface mounting
VTXFC	Chrome plated flange for surface mounting

Justice® Series



JE8AMB

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	Size	Certs
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	2.25" (57mm) H x 12" (304mm) W x 56" (147cm) L	SAE Class 1
JE8AMB							3.2 / avg.			2.25" (57mm) H x 12" (304mm) W x 50" (142cm) L	



Mini Lightbars

Mini Liberty™ II & Mini Justice® Series



IT9AAAAP



MJEG1A

Features Mini Liberty II

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

Features Mini Justice

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

Models

Model	Series	Technology	Mount	Base	Module	Color	Dome	Amps	VDC	Patterns	Size
IT9AAAAP	Liberty II	Linear Super-LED®	Permanent	Extruded aluminum	4-corner Linear Super-LED	Amber		4.0 / peak		58 Scan-Lock™ flash patterns	2.50" (64mm) H x 11.313" (287mm) W x 19.313" (49cm) L
IT9AAAAM			Magnetic					1.6 / avg.			
MJEG1A	Justice	Linear & CON3 Super-LED	Magnetic	Polycarbonate on extruded aluminum platform	4-corner Linear-LED 4 inboard CON3	Amber/White	Clear	6.0 / peak	12	95 Scan-Lock patterns	2.25" (57mm) H x 12" (304mm) W x 22" (558mm) L
MJEG1F								2.4 / avg.			
MJEP1A			Permanent					Amber	(4 Corner only)		
MJEP1F											

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.



Mini Century™ Series



SOLO



MC16PA



MC23VA



MC11MA

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	Size	Certs
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	2.40" (61mm) H x 7.74" (197mm) W x 11.50" (292mm) L	SAE Class 1
MC11PC				White						
MC11MA		Magnetic		Amber						
MC11SA				White						
MC11SC		Stud		Amber						
MC16PA		Permanent		Amber						
MC16PF				Driver side, Amber Passenger side, White						
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					
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							



Mini Lightbars

Responder® R1LP Series



R1LPMF



R1LPPA

Features

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

Models

Model	Technology	Mount	Base	Modules	Color	Dome	Amps	VDC	Flash Patterns	Size	Certs
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)	2.875" (73mm) H x 6.313" (160mm) W x 17" (432mm) L	SAE Class 1
R1LPPF					Split Amber/White	Clear					
R1LPMA		Magnetic			Amber	Amber					
R1LPMF					Split Amber/White	Clear					
R1LPVA					Amber	Amber					
R1LPVF		Magnetic/suction			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.



Mini Lightbars

Responder® R2LP Series



R2LPMF



R2LPPA

Features

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

Models

Model	Technology	Mount	Base	Color	Dome	Amps	VDC	Flash Patterns	Size	Certs
R2LPPA	LIN6 Super-LED®	Permanent	Poly-carbonate	Amber	Amber	6 / peak 24 / avg.	12	30 Scan-Lock™ flash patterns including, 4 simulated rotating patterns (permanent mount only)	2.875" (73mm) H x 6.313" (160mm) W x 17" (432mm) L	SAE Class 1
R2LPPA4				Split color Amber/White	Clear		24			
R2LPPF				Amber	Amber		12			
R2LPMA				Split color Amber/White	Clear					
R2LPMF		Magnetic / suction	Aluminum	Amber	Amber		ActionScan™ default (magnetic mount only)			
R2LPVA				Split color Amber/White	Clear					
R2LPVF				Amber	Amber					
R2LPHPA		Permanent	Aluminum	Amber	Amber		3.25" (82mm) H x 6.313" (160mm) W x 17" (432mm) L			
R2LPHMA		Magnetic								
R2LPHVA		Magnetic / suction								

*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.



Traffic Advisor Front Load



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

Model

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



Traffic Advisor TAC8 (Economy)



Features

- ▶ Black extruded aluminum housing
- ▶ Four operating modes: left, right, split, or flashing
- ▶ Rear dip switch provides 8 flash pattern choices

Models

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





51 Winthrop Road
Chester, CT 06412-0684
860-526-9504
www.whelen.com

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