WHELEN®

Lightheads

Professional Warning & Illumination

History of Whelen Engineering Company, Inc.

1952
George W. Whelen invents the first rotating aircraft "anti-collision" beacon in his garage in Deep River, Connecticut.

1984
Whelen moves from Deep River, Connecticut to its current Corporate Headquarters in Chester, Connecticut.

1987
A second manufacturing plant is added in Charlestown, New Hampshire.

1991
The New Hampshire plant expands to house plastic injection molding equipment.

The tool and die machine shop begins as a servicing shop for parts before they are run in molding. Today, 90% of all molding tools are made in-house from raw steel.

1963
Whelen becomes the first in the industry to utilize strobe light technology.

1975
Whelen releases its first fully enclosed lightbar.

1988
Transformer winding is introduced, using automated winding machines in order to increase part supply.

2000
Whelen introduces the first all LED lightbar.

2003
Whelen implements surface mount technology.

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2005
Whelen becomes the entitlement sponsor of the NASCAR® Whelen Modified Tour and the NASCAR Whelen Southern Modified Tour. Whelen also begins sponsorship as the Official Warning Lights of NASCAR.

2007
Sheet metal fabrication is implemented.

Whelen becomes the entitlement sponsor of the NASCAR Whelen All American Series.

2011
Hard coating technology develops.

The production machine shop opens, housing 26 machines, 5 axis mills, lathes with live tooling, and screw machines. Parts made from raw housing or machined casting go into many finished products.

2013
Whelen becomes the entitlement sponsor of the NASCAR Whelen Euro Series.

2004
Whelen develops an LED floodlight.

2008
Powder coating technology is implemented.

2012
Vacuum metalizing technology is developed.

Silicone molding is implemented.

2014
Whelen opens the only environmentally friendly printed circuit board manufacturing facility in North America with zero hazardous emissions.

PRODUCTION

All Whelen products are designed, manufactured, and assembled in our Connecticut and New Hampshire facilities.

Printed circuit boards are manufactured in-house. Whelen's PCB shop is the the the only environmentally friendly printed circuit board manufacturing facility in North America with zero hazardous emissions.

Surface mount technology deposits electronic components onto PCB using robotic nozzles. All testing and programming of PCB is done in a continuous automated line.

Plastic injection molding equipment manufactures all plastic parts, from optical grade polycarbonate to thermally conductive composites.

Silicone molding is a liquid injected molding process. Silicone allows for use of parts that need to be flexible and water resistant. This material is often utilized to make a watertight seal in an assembly.

Hard coating technology utilizes an automated line where UV, abrasion, and chemical resistant coating is applied to all plastic lensing.

Vacuum metalizing technology coats all reflectors with a thin layer of pure vaporized aluminum within a sealed chamber. Bringing this process in-house yields a 10% increase in light output due to improved surface quality and purity.

Sheet metal fabrication utilizes lasers to create brackets and a wide variety of metal components used in almost every Whelen product. A five axis laser is used to cut complex metal parts that do not come in a flat sheet.

Powder coating technology uses an automated line which washes, dries, applies powder, and oven bakes.

Lightbar **Sub-Assembly**

Lightbar **Final Assembly**

Micron™ Series

- Stud mount Micron allows for easy and simple surface mount installation
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Synchronize to other Whelen sync products
- Go undercover with SAE Class 1 Certified Smoked lenses
- Five year warranty

MCRNSCJ

MCRNTC

Model	Technology	Mount	Color	Lens	Flange	VDC	Amps	Patterns	Cable	Size
MCRNS*			A, B, R, W	Clear	Black					
MCRNSC*					Chrome					
MCRNS#		Surface	R/W, A/W, B/R, A/R		Black					7/8" (23mm) H x
MCRNSC#	Linear Super-LED®		R/W, A/W, B/R, A/R		Chrome	12	0.6/peak 0.24/avg	25 Scan-Lock™	6" Pigtail	7/8" (23mm) D x
MCRNS*X			A, B, R, W	Smoked	Black					4" (102mm) L
MCRNS#X			R/W, A/W, B/R, A/R							
MCRNT*		Stud	A,B,R,W,	Clear	-					
MCRNT#			R/W, A/W, B/R, A/R							
MCRNT*X			A,B,R,W,	Smoked						
MCRNT#X			R/W, A/W, B/R, A/R							

Replace * symbol in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace # in model number with letter indicating split color desired: D=Red/White, F=Amber/White, J=Red/Blue, K=Amber/Red

Model	Option Description
MCRNB1	Black angle "L" mounting bracket
MCRNB2	License plate bracket for two lights

MCRNB1

MCRNB2

NEW ION™ T-Series™

- Extreme low profile, ultra thin lighthead
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Includes Black flange and 3M® VHB tape for easy mounting
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Synchronize to other Whelen sync products
- Go undercover with SAE Class 1 Certified Smoked lenses
- Five year warranty

TIONB

Side View

Model	Technology	Mount	Color	Lens	Flange	VDC	Amps	Patterns	Cable	Size
TION*			A, B, R, W	Clear						1" (25mm) H x
TION*X	Super-LED	Surface		Smoked	Black	12	0.6/peak 0.24/avg	25 Scan-Lock	4-Wire 6" Pigtail	3/8" (9mm) D x
TION#			R/W, B/W, A/W, R/B, A/B	Clear						4-3/16" (122mm) L
TION#X				Smoked						

Replace * symbol in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace # in model number with letter indicating split color desired: D=Red/White, E=Blue/White, F=Amber/White, J=Red/Blue, K=Amber/Red, M=Amber/Blue

Model	Option Description	Model	Option Description
TIONFC	Chrome plated flange	TIONBKT2	License plate bracket for 2 lights
TIONBKT1	"L" mounting bracket	TIONBKT3	"L" mounting bracket for 2 lights

TIONFC

TIONBKT2

WHELEN®

ION™ & WION Series 🏍️

• ION models feature TIR directional optics
• WION models feature wide-angle optics
• Available in single or split colors
• Includes steady-burn, alternating, and simultaneous patterns
• Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
• Synchronize to other Whelen sync products
• Go undercover with SAE Class 1 Certified Smoked lenses
• 12 VDC
• Five year warranty

WXONSMC

WIONSMR

IONB

Model	Optics	Technology	Mount	Color	Lens	Housing	Amps	Patterns	Cable	Certs	Size
ION*	Directional	Super-LED®	Universal	A, B, R, W	Clear	Black	1/peak 0.40/avg	25 Scan-Lock™	6" Pigtail	B,C,D (A/B/R)	1" (25mm) H x 1-1/4" (32mm) D x 4" (101mm) L
XON*					Smoked						
ION#				R/W, A/W, R/B, B/A	Clear					C,D (W)	
XON#					Smoked						
WION*	Wide-angle			A, B, R, W	Clear					B,C,D (A/R) B,C,D (B)	
WXON*					Smoked						
WION#				R/W, A/W, R/B, B/A	Clear						
WXON#					Smoked						
IONSM*	Directional		Surface, includes flange	A, B, R, W	Clear					B,C,D (A/B/R)	1-11/16" (43mm) H x 1-1/8" (28mm) D x 5-15/16" (150mm) L
XONSM*					Smoked						
IONSM#				R/W, A/W, R/B, B/A	Clear					C,D (W)	
XONSM#					Smoked						
WIONSM*	Wide-angle			A, B, R, W	Clear					B,C,D (A/R) B,C,D (B)	
WXONSM*					Smoked						
WIONSM#				R/W, A/W, R/B, B/A	Clear					C,D (W)	
WXONSM#					Smoked						

Replace * symbol in model number with letter indicating color desired: A=Amber, B=Blue, R=Red, C=White
Replace # in model number with letter indicating split color desired: D=Red/White, F=Amber/White, J=Red/Blue, M=Blue/Amber

Model	Option Description
IONK1B	Swivel mount bracket, Black
IONGROM	Grommet mount kit
IONPEDB	Pedestal mount, Black
IONBKT1	License plate bracket for 2 lights

Model	Option Description
IONBKT2	Rear hatch bracket, 2013-2016 Ford Police Interceptor Utility for 6 lights
IONBKT4	Rear hatch bracket, 2013-2016 Ford Police Interceptor Utility for 2 lights
IONBKT5	Universal mount, reversed, remove screws without removing light
IONBKT6	Rear hatch bracket, 2015-2016 Chevy Tahoe for 2 lights
IONBKT7	Grille mount bracket, 2015-2016 Chevy Tahoe for 2 lights

IONK1B   *IONGROM*   *IONPEDB*   *IONBKT1*   *IONBKT5*   *IONBKT6*

ION™ DUO™ & TRIO™ Series 🏍

- Interleaved technology and new Linear-LED® optics
- DUO models feature independent control of color one and color two
- TRIO models feature any combination of color one, color two, or color three. Color three has steady-burn override
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Synchronize to other Whelen sync products
- Go undercover with SAE Class 1 Certified Smoked lenses
- 12 VDC
- Five year warranty

I2F

I3JC

Model	Optics	Technology	Mount	Color	Lens	Housing	Amps	Patterns	Cable	Certs	Size
I2#	Wide-angle	Linear-LED	Universal	R/W, B/W, A/W, R/B, B/A	Clear	Black	1/peak 0.40/avg per color	69 Scan-Lock™	6" Pigtail	**B, C, D** (A)	1" (25mm) H x 1-1/4" (32mm) D x 4" (101mm) L
XI2#					Smoked						
I3#				R/B/W, R/B/A, R/A/W, B/A/W	Clear			33 Scan-Lock			
XI3#					Smoked						
I2SM#			Surface, includes flange	R/W, B/W, A/W, R/B, B/A	Clear			69 Scan-Lock			1-11/16" (43mm) H x 1-1/8" (28mm) D x 5-15/16" (150mm) L
XI2SM#					Smoked						
I3SM#				R/B/W, R/B/A, R/A/W, B/A/W	Clear			33 Scan-Lock			
XI3SM#					Smoked						

For DUO lightheads replace symbol # with letter indicating colors desired: D=Red/White, E=Blue/White, F=Amber/White, J=Red/Blue, M=Blue/Amber
For TRIO lightheads replace symbol # with dual letters indicating colors desired: JC=Red/Blue/White with White override,
JA=Red/Blue/Amber with Amber override, KC= Red/Amber/White with White override, MC=Blue/Amber/White with White override

Model	Option Description	Model	Option Description
IONK1B	Swivel mount bracket, Black	IONBKT2	Rear hatch bracket, 2013-2016 Ford Police Interceptor Utility for 6 lights
IONGROM	Grommet mount kit	IONBKT4	Rear hatch bracket, 2013-2016 Ford Police Interceptor Utility for 2 lights
IONPEDB	Pedestal mount, Black	IONBKT5	Universal mount, reversed, remove screws without removing light
IONBKT1	License plate bracket for 2 lights	IONBKT6	Rear hatch bracket, 2015-2016 Chevy Tahoe for 2 lights
		IONBKT7	Grille mount bracket, 2015-2016 Chevy Tahoe for 2 lights

IONK1B *IONGROM* *IONPEDB* *IONBKT1* *IONBKT5* *IONBKT6*

WHELEN®

ION™ V-Series™ 🏍

- Available in 3-in-1 combination warning, alley/flood, and puddle light or in single color warning only models
- Single color models have combination 180° and TIR directional warning
- Includes steady-burn, alternating, and simultaneous patterns
- Black, White, or Chrome housing
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Synchronize to other Whelen sync products
- Go undercover with SAE Class 1 Certified Smoked lenses
- 12 VDC
- Five year warranty

IONSV3B

Model	Optics	Technology	Mount	Colors	Lenses	Housing	Amps	Patterns	Cable	Certs	Size
IONV3*	V-Series	Linear Super-LED®	Universal	A, B, R, W warning with W illumination	Clear	Black	Warning 0.76 Alley 0.31 Puddle 0.12	25 Scan-Lock™	6" Pigtail	**C,D**	1" (25mm) H x 2-3/16" (56mm) D x 4-1/16" (104mm) L
XONV3*					Smoked	Black					
IONV3*W					Clear	White					
IONSV3*			Surface, includes flange		Clear	Black					1-11/16" (43mm) H x 2" (50mm) D x 5-15/16" (150mm) L
XONSV3*					Smoked	Black					
IONSV3*W					Clear	White					
IONSV3*C					Clear	Chrome					
XONV1*	V-Series with directional	Linear and TIR Super-LED	Universal	A, B, R, W	Smoked	Black	1.147				1" (25mm) H x 2-3/16" (56mm) D x 4-1/16" (104mm) L
IONV1*					Clear	Black					
IONV1*W					Clear	White					
IONSV1*			Surface, includes flange		Clear	Black					1-11/16" (43mm) H x 2" (50mm) D x 5-15/16" (150mm) L
XONSV1*					Smoked	Black					
IONSV1*W					Clear	White					
IONSV1*C					Clear	Chrome					

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

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Model	Option Description
IONK1B	Swivel mount bracket, Black
IONGROM	Grommet mount kit
IONPEDB	Pedestal mount, Black
IONBKT1	License plate bracket for 2 lights

Model	Option Description
IONBKT2	Rear hatch bracket, 2013-2016 Ford Police Interceptor Utility for 6 lights
IONBKT4	Rear hatch bracket, 2013-2016 Ford Police Interceptor Utility for 2 lights
IONBKT5	Universal mount, reversed, remove screws without removing light
IONBKT6	Rear hatch bracket, 2015-2016 Chevy Tahoe for 2 lights
IONBKT7	Grille mount bracket, 2015-2016 Chevy Tahoe for 2 lights

IONK1B   IONGROM   IONPEDB   IONBKT1   IONBKT5   IONBKT6

WHELEN®

SideKick™ Series

- Available with ION™ standard warning, ION wide-angle warning, or ION V-Series™ 3-in-1 combination warning, alley/flood, and puddle light
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Side fender mounted Black polycarbonate housing
- Easily installs without removing the fender
- Go undercover with SAE Class 1 Certified Smoked lenses
- 12 VDC
- Five year warranty

SK01V3BB

Model	Optic	Technology	Color	Lens	Housing	Amps	Patterns	Cable	Certs	Size
SK01**	Directional	Super-LED®	A, B, R, W	Clear	Black	1.0/peak .40/avg	25	10" 4-Wire pigtail	C	Fits 2013-2016 Ford Police Interceptor Sedan
XK01*	Directional	Super-LED®	A, B, R, W	Smoked	Black	1.0/peak .40/avg	25	10" 4-Wire pigtail	C	Fits 2013-2016 Ford Police Interceptor Sedan
SK01JJ	Directional	Super-LED®	R/B	Clear	Black	1.0/peak .40/avg	69	10" 4-Wire pigtail	C	Fits 2013-2016 Ford Police Interceptor Sedan
XK01JJ	Directional	Super-LED®	R/B	Smoked	Black	1.0/peak .40/avg	69	10" 4-Wire pigtail	C	Fits 2013-2016 Ford Police Interceptor Sedan
SK01W**	Wide-angle	Super-LED®	A, B, R, W	Clear	Black	1.0/peak .40/avg	25	10" 4-Wire pigtail	C	Fits 2013-2016 Ford Police Interceptor Sedan
XK01W**	Wide-angle	Super-LED®	A, B, R, W	Smoked	Black	1.0/peak .40/avg	25	10" 4-Wire pigtail	C	Fits 2013-2016 Ford Police Interceptor Sedan
SK01WJJ	Wide-angle	Super-LED®	R/B	Clear	Black	1.0/peak .40/avg	69	10" 4-Wire pigtail	C	Fits 2013-2016 Ford Police Interceptor Sedan
XK01WJJ	Wide-angle	Super-LED®	R/B	Smoked	Black	1.0/peak .40/avg	69	10" 4-Wire pigtail	C	Fits 2013-2016 Ford Police Interceptor Sedan
SK01V3**	V-Series	Super-LED®	A, B, R, W	Clear	Black	.765 warning .31 alley .12 puddle	25	10" 6-Wire pigtail	C, D	Fits 2013-2016 Ford Police Interceptor Sedan
XK01V3**	V-Series	Super-LED®	A, B, R, W	Smoked	Black	.765 warning .31 alley .12 puddle	25	10" 6-Wire pigtail	C, D	Fits 2013-2016 Ford Police Interceptor Sedan
SK02**	Directional	Super-LED®	A, B, R, W	Clear	Black	1.0/peak .40/avg	25	10" 4-Wire pigtail	C	Fits 2011-2016 Chevy Caprice
XK02**	Directional	Super-LED®	A, B, R, W	Smoked	Black	1.0/peak .40/avg	25	10" 4-Wire pigtail	C	Fits 2011-2016 Chevy Caprice
SK02JJ	Directional	Super-LED®	R/B	Clear	Black	1.0/peak .40/avg	69	10" 4-Wire pigtail	C	Fits 2011-2016 Chevy Caprice
XK02JJ	Directional	Super-LED®	R/B	Smoked	Black	1.0/peak .40/avg	69	10" 4-Wire pigtail	C	Fits 2011-2016 Chevy Caprice
SK02W**	Wide-angle	Super-LED®	A, B, R, W	Clear	Black	1.0/peak .40/avg	25	10" 4-Wire pigtail	C	Fits 2011-2016 Chevy Caprice
XK02W**	Wide-angle	Super-LED®	A, B, R, W	Smoked	Black	1.0/peak .40/avg	25	10" 4-Wire pigtail	C	Fits 2011-2016 Chevy Caprice
SK02WJJ	Wide-angle	Super-LED®	R/B	Clear	Black	1.0/peak .40/avg	69	10" 4-Wire pigtail	C	Fits 2011-2016 Chevy Caprice
XK02WJJ	Wide-angle	Super-LED®	R/B	Smoked	Black	1.0/peak .40/avg	69	10" 4-Wire pigtail	C	Fits 2011-2016 Chevy Caprice
SK02V3**	V-Series	Super-LED®	A, B, R, W	Clear	Black	.765 warning .31 alley .12 puddle	25	10" 6-Wire pigtail	C, D	Fits 2011-2016 Chevy Caprice
XK02V3**	V-Series	Super-LED®	A, B, R, W	Smoked	Black	.765 warning .31 alley .12 puddle	25	10" 6-Wire pigtail	C, D	Fits 2011-2016 Chevy Caprice

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

WHELEN®

Mirror-Beam™ Series

- Custom textured Black vacuum formed ABS housings fit over existing mirror glamour caps
- Now available with ION™ V-Series™ 3-in-1 combination warning, alley/flood, and puddle light
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Includes multiple Scan-Lock™ flash patterns (with Phase 1 and Phase 2 for alternating or simultaneously flashing lights) and steady-burn plus synchronize feature
- Available in split LED colors
- Optional color lenses are available for customer installation
- Go undercover with SAE Class 1 Certified Smoked lenses
- 12 VDC
- Five year warranty

MBCC11JJ

Model	Series	Color	Lens	Amps	Patterns	Cable	Certs	Vehicle
MBCC11**	ION	A, B, R, W	Clear	1.0/peak 0.40/avg per lighthead	25 Scan-Lock	Two 15' cables with connectors	**B** R/A/B/W **C** R/A/B/W **D** R/A/B/W	Chevy Caprice, 2011-2016
MXCC11**			Smoked					
MBCC11JJ		R/B	Clear					
MXCC11JJ			Smoked					
MBCT15**		A, B, R, W	Clear					Chevy Tahoe, 2015-2016
MXCT15**			Smoked					
MBCT15JJ		R/B	Clear					
MXCT15JJ			Smoked					
MBDC11**		A, B, R, W	Clear					Dodge Charger, 2011-2016
MXDC11**			Smoked					
MBDC11JJ		R/B	Clear					
MXDC11JJ			Smoked					
MBFT11**		A, B, R, W	Clear					Ford Taurus, 2011-2016 Police Interceptor, 2013-2016
MXFT11**			Smoked					
MBFT11JJ		R/B	Clear					
MXFT11JJ			Smoked					
MBFX11**		A, B, R, W	Clear					Ford Explorer, 2011-2016 Police Interceptor Utility, 2013-2016
MXFX11**			Smoked					
MBFX11JJ		R/B	Clear					
MXFX11JJ			Smoked					
VMCC11**	ION V-Series	A, B, R, W	Clear	.765 warning .31 alley .12 puddle per lighthead		Two 15' cables	C	Chevy Caprice, 2011-2016
VXCC11**			Smoked					
VMCT15**			Clear					Chevy Tahoe, 2015-2016
VXCT15**			Smoked					
VMDC11**			Clear					Dodge Charger, 2011-2016
VXDC11**			Smoked					
VMFT11**			Clear					Ford Taurus, 2011-2016 Police Interceptor, 2013-2016
VXFT11**			Smoked					
VMFX11**			Clear					Ford Explorer, 2011-2016 Police Interceptor Utility, 2013-2016
VXFX11**			Smoked					
MBPI06**	500 Series Linear Super-LED®		Clear	1.0/peak .40/avg		Two 15' cables with connectors		Chevy Impala, 2006-2015

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Vertex™ Series

- Self-contained light with in-line lamp driver
- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option
- VHB models for factory prepped Ford Interceptor Sedans and SUVs
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Synchronize to other Whelen sync products
- Clear outer lens, color LEDs
- Go undercover with SAE Class 1 Certified Smoked lenses
- 24 Volt models available, contact factory
- Five year warranty

NEW Smoked lens shown unlit with Black flange

VTX609B

VTXD609C with side reflector

VTX3609R

Model	Optics	Technology	Mount	Color	Lens	VDC	FPM	Amps	Cable	Size
VTX609*	Omni-directional	Super-LED®	1" Hole recess or Surface (Mounting Purchased separately)	A, B, R, W	Clear	12	25 Scan-Lock™	.750/ peak .30/ avg	9'	1" (26mm) H x 1-5/8" (41mm) Dia.
XTX609*					Smoked					
VTX609#				Split A, B, R, and/or W	Clear					
XTX609#					Smoked					
VTXD609*	Directional/side emitting shield			A, B, R, W	Clear					
XTXD609*					Smoked					
VTXD609#				Split A, B, R, and/or W	Clear					
XTXD609#					Smoked					
VTX3609*	360° side emitter		1" Hole recess	A, B, R, W	Clear					
VTX3609#				Split A, B, R, and/or W						
VHB609*	Omni-directional		Surface	A, B, R, W						
VHB609#				Split A, B, R, and/or W						

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Replace # in model number with letter indicating split color desired: D=Red/White, E=Blue/White, F=Amber/White, J=Red/Blue

Model	Option Description
VTXFC	Chrome plated flange
VTXFB	Black flange

VTXFB   *VTXFC*

WHELEN®

V23, M2, & M4 Series

- Available with a patented Linear-LED® designed reflector assembly
- **NEW** M4 combination warning and driving light
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Surface mount via two screws
- Lens and reflector are a sealed assembly
- Synchronize to other Whelen sync products
- Built-in flasher models are synchronizable
- Includes California Title XIII compliant flash patterns
- Five year warranty

M2B

V23RTPB

M4R

M4DWR

M4V2A

Model	Optics	Technology	Color	Lens	VDC	Flasher	Patterns	Amps	Certs	Size
V23*TPB	V-Series™ (includes Black flange)	Super-LED®	A, B, R, W warning with W illumination	Clear	12	Built-in	26 Scan-Lock™	Warning 0.76/ peak 0.30/avg Take-down 0.62 Perimeter 0.12	C, D	2-11/16 " (68mm) H x 1-1/2" (38mm) D x 4-1/4" (109mm) L
V23*TPBX				Smoked						
V23*TPC	V-Series (includes Chrome flange)			Clear						
V23*TPCX				Smoked						
M2*	Directional		A, B, R, W	Color	12	Built-in	25 Scan-Lock including steady-burn	1/peak 0.45/avg	B (R/A/B) C, D (R/A/B)	2-1/2" (64mm) H x 4" (102mm) W x 1" (25mm) D
M2*C				Clear						
M2#			R/W, A/W, R/B, R/A				69 Scan-Lock			
M2W*	Wide-angle		A, B, R, W	Color			26 Scan-Lock including steady-burn			
M2W*C				Clear						
M2W#			R/W, R/B, R/A				69 Scan-Lock			
M4*	Directional		A, B, R, W	Color	12	Built-in	125 Scan-Lock	1.5/peak 0.6/avg	B (A/B/W) C, D (R/A/B)	3-3/8" (86mm) H x 5-1/2" (138mm) W x 1-3/8" (35mm) D
M4*C				Clear						
M4#			R/W, A/W, R/B, R/A				64 Scan-Lock			
M4*S			A, B, R, W	Color		Requires flasher (Purchased separately)	-			
M4*CS					For 24 Volt, contact factory					
M4DW*			W with B or R	Clear		Built-in	50 Scan-Lock	Warning & driving 1.0/peak 0.40/avg	Pending	
M4DWJ			W with R over B split							
M4V2*	V-Series		A, B, R, W warning with W illumination	Clear		Built-in	25 Scan-Lock	Warning 1.0/peak 0.40/avg Perimeter 0.77	C, D	3-3/8" (86mm) H x 1-7/8" (47mm) D x 5-1/2" (138mm) L

Replace * symbol in model number with letter indicating color desired: A=Amber, B=Blue, R=Red, C=White
Replace # in model number with letter indicating split color desired: D=Red/White, F=Amber/White, J=Red/Blue, K=Red/Amber

Model				Option Description
V23	M2	M4	M4V2	
-	M2FC	M4FC	M4FC	Flange, Chrome
-	M2FB	M4FB	M4FB	Flange, Black
-	-	M4BRUSH	-	Brush guard, Black
-	-	M4FC400	M4FC400	Flange, Chrome, adapts M Series to 400 Series style lightheads
V23PEDB	M2PEDB	-	-	Pedestal mount kit, Black
V23PEDC	M2PEDC	-	-	Pedestal mount kit, Chrome
-	M2GROM	-	-	Grommet mount kit
-	-	M4CT15B	M4CT15B	Fog light mount for 2015-2016 Chevy Tahoe, pair, Black
		M4FF15B		Fog light mount for 2015-2016 Ford F-150, pair, Black
V23P20B	-	-	-	Angled surface mount, Black
V23P20C	-	-	-	Angled surface mount, Chrome
-	-	M4TM15B	-	Mirror mount, Ford Transit 2015-2016, pair, Black
-	-	M4TB15B	-	Front lower side mount, Ford Transit 2015-2016, pair, Black

M2FC   M2FB   M2PEDB   M2GROM   M4FB   M4BRUSH   M4FC400

M6 & M7 Series

- **NEW** Front and rear pods hold M6 lightheads for the Ford Transit Medium or High roof
- Available in warning and warning with perimeter models
- Patented Linear-LED® designed reflector assembly
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Surface mounted via two screws
- Built-in flasher models are synchronizable
- Choose solid, left/right, top/bottom, in/out, or diagonal sequencing
- Meets KKK 1822F, NFPA 1901, SAE, and EC65 specifications
- Includes California Title XIII compliant flash patterns
- Five year warranty

M6R

M6V2R

M7B

Model	Optics	Technology	Colors	Lens	VDC	Flasher	Patterns	Amps	Certs	Size
M6*	Directional		A, B, R, W	Color		Built-in	159 Scan-Lock™	2.25/peak 0.9/avg	**A** (Upper R/W) **B** (R/B) **C** (R/A/B)	4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D
M6*C				Clear			64 Scan-Lock			
M6#			R/W, A/W, R/B, R/A							
M6*S			A, B, R, W	Color		Requires flasher (Purchased separately)	-			
M6*CS				Clear						
M6V2*	V-Series™	Super-LED®	A, B, R, W warning with W illumination	Color for warning, Clear for illumination	12	Built-in	25 Scan-Lock	Warning 1.5/peak 0.60/avg Perimeter 0.77	**A** (A/R Upper & Lower) **B** (A/B/R) **C** (A/B/R/W) **D** (A/B/R/W) **W**	4-5/16" (109mm) H x 2-1/4" (57mm) D x 6-3/4" (170mm) L
M6V2*C				Clear						
M7*	Directional		A, B, R, W	Color		Built-in	159 Scan-Lock	2.25/peak 0.9/avg	**A** (Upper R/W, Lower R) **B** (R/A/B) **C** (R/A/B) **D** **W** (R/A/W)	3-3/8" (86mm) H x 7-5/8" (194mm) W x 1-3/8" (35mm) D
M7*C				Clear			64 Scan-Lock			
M7#			R/W, A/W, R/B, R/A							
M7*S			A, B, R, W	Color		Requires flasher (Purchased separately)	-			
M7*CS				Clear						

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red,
Replace symbol# in model number with letter indicating split color desired: D=Red/White, F=Amber/White, J=Red/Blue, K=Red/Amber

Model			Option Description
M6	**M6V2**	**M7**	
M6FC	M6FC	M7FC	Chrome plated flange
M6FB	M6FB	M7FB	Black flange
M6BRUSH	-	M7BRUSH	Black brush guard
M6FC600	M6FC600	M7FC700	Chrome flange, adapts M Series to 600 or 700 Series style lightheads
M6P15C	-	-	Chrome 15° angled surface mount housing
M6P15B	-	-	Black 15° angled surface mount housing
M6FCV2	-	-	Chrome flange for two M6 lightheads, vertical (lightheads purchased separately)
M6FCV3	-	-	Chrome flange for three M6 lightheads, vertical (lightheads purchased separately)
M6FCV4	-	-	Chrome flange for four M6 lightheads, vertical (lightheads purchased separately)
M6HDLMTK	-	-	Headlight mount for ATI and KD housings, includes bracket and hardware
-	-	M7BKT1	Universal bracket for one lighthead
-	M6PTM5F	-	Front light pod for 8 M6 lightheads, Medium roof, Ford Transit 2015-2016
	M6PTHSF		Front light pod for 8 M6 lightheads, High roof, Ford Transit 2015-2016
-	M6PT5R	-	Rear light pod for 6 M6 lightheads, Medium or High roof, Ford Transit 2015-2016

M6FB   M6BRUSH   M6FC600   M6P15C   M6HDLMTK   M6FCV2   M6FCV3   M6FCV4   M7FC   M7FB   M7BRUSH   M7FC700

WHELEN®

M9 Series

- **NEW** DUO™ models feature independent control of color one and color two
- **NEW** Combination warning/scenelight with sync and Hi/Low feature
- Available in warning and warning with scenelight models
- Patented Linear-LED® designed reflector assembly
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Surface mounted via two screws
- Built-in flasher models are synchronizable
- Choose solid, left/right, top/bottom, in/out, or diagonal sequencing
- Meets KKK 1822F, NFPA 1901, SAE, and EC65 specifications
- Includes California Title XIII compliant flash patterns
- Five year warranty

M9R

M9RCZ

M9V2B

Model	Optics	Technology	Colors	Lens	VDC	Flasher	Patterns	Amps	Certs	Size
M9*	Directional	Super-LED®	A, B, R, W	Color	12	Built-in	159 Scan-Lock™	3/peak 1.2/avg	**A** (Upper R/A/W, Lower R) **B** (R/B) **C** (R/A/B) **D, W**	6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D
M9*C				Clear						
M9#			R/W, R/B, R/A	Clear			64 Scan-Lock			
M9*S			A, B, R, W	Color		Requires flasher (Purchased separately)	-			
M9*CS				Clear						
M92#	DUO™		R/W, B/W, A/W, R/B, B/A	Clear		Built-in	33 Scan-Lock	2.4/peak 0.96/avg / Warning 1.58 Scenelight 1.53	**A** (A/R/W Upper & Lower) **B** (A/B/R) **C** (A/B/R/W) **D** (A/B/R/W) **W**	
M9*CZ	Combo		A, B, R, W							
M9V2*	V-Series™ (includes Chrome flange)		A, B, R, W warning with W illumination	Color for warning, Clear for illumination		Built-in	25 Scan-Lock	Warning 2.4/peak 0.96/avg Scenelight 2.4		6-1/2" (165mm) H x 10-3/8" (263mm) W x 2-5/8" (66mm) D
M9V2*C				Clear						

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red,
Replace symbol# in model number with letter indicating split color desired: D=Red/White, E=Blue/White, F=Amber/White, J=Red/Blue, K=Red/Amber, M=Blue/Amber

Model M9	Model M9V2	Option Description
M9FC	-	Chrome plated flange
M9FB	M9FB	Black flange
M9BRUSH	-	Black brush guard
M9FC900	M9VFC900	Chrome flange, adapts M Series to 900 Series style lightheads
M9HTM5FC		Chrome-plated housings, sold in pairs for front driver and passenger side of the 2015-2016 Ford Transit Medium roof
M9HTM5RC		Chrome-plated housings, sold in pairs for rear driver and passenger side of the 2015-2016 Ford Transit Medium roof
M9HTH5FC		Chrome-plated housings, sold in pairs for front driver and passenger side of the 2015-2016 Ford Transit High roof
M9HTH5RC		Chrome-plated housings, sold in pairs for rear driver and passenger side of the 2015-2016 Ford Transit High roof

M9FC M9FB M9BRUSH M9FC900 M9VFC900

M9HTM5FC M9HTM5RC

TIR3™, LIN3™ & LINZ6™ Series 🏍

- Includes Black polycarbonate mounting flange
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Synchronize to other Whelen sync products
- Includes steady-burn, alternating, and simultaneous patterns
- Split LINZ6 will alternate or simultaneous flash each color segment (3x3)
- Five year warranty

RSB03ZCR

RVR03ZCR

RSA02ZCR

LINZ6B

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
RS*03ZCR	Directional	TIR3 Super-LED®	Horizontal, surface	A, B, R, W	12	0.40/peak 0.16/avg	25 Scan-Lock™	6" Pigtail	**B** (R) **C** (A) **D** **W** (Class 1 B/W)	1-1/8" (28mm) H x 1-1/4" (32mm) D x 3-1/2" (89mm) L
RV*03ZCR			Vertical, surface							
RS*02ZCR		LIN3 Super-LED							**C** (A/R/W) **D**	
LINZ6*			Horizontal, surface							
LINZ6#		LINZ6 Super-LED		R/W, A/W, R/B, R/A		0.75/peak 0.30/avg	69 Scan-Lock		**A** (Lower only, R) **B** (A/B/R) **C** **D** (Class 1) **W**	2" (48mm) H x 1-5/8" (40mm) D x 4" (102mm) L
LINZ61				A/A						
LINZ62				B/B						
LINZ65				R/R						

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace symbol# in model number with letter indicating split color desired: D=Red/White, F=Amber/White, J=Red/Blue, K=Red/Amber

Model	Series	Option Description
RFLANGEC	TIR3 LIN3 LINZ6	Chrome plated flange kit
RFLANGCD		Deep Chrome plated flange kit
RFLANGEA		Cast aluminum flange kit
RFLANG2C		Chrome plated flange for dual lightheads
RFLANG2B		Black flange for dual lightheads
RGROMMET		Grommet mount kit except LINV2
RBKT1		Mounting bracket for one lighthead
RBKT2		Mounting bracket for two lightheads
RBKT4	TIR3/ LIN3	Swivel mounting bracket for one lighthead

NOTE: Mounting available for Harley-Davidson® Motorcycles. Refer to current Price List or Whelen Motorcycle Brochure for more information

Model	Series	Option Description
RBKT6	TIR3 LIN3 LINZ6	License plate bracket for 2 lightheads, horizontal
RBKT7		License plate bracket for 2 lightheads, vertical
RBKT10		Dodge Charger trunk mount, pair
RBKT12		Above rear taillight bracket, Ford F-250/350/450/550, 2013-2016
RBKT14		Above rear taillight bracket, Chevy Silverado/GMC 1500, 2014-2016
RBKT16		Trunk Mount Bracket, pair, Ford Police Interceptor Sedan, 2013-2016
RBKT17		Above rear taillight bracket, Dodge Ram, 2014-2016
RBKT18		Above rear taillight bracket, Ford F-150, 2015-2016
RBKT19		Below rear taillight bracket, Ford F-150, 2015-2016
LINZ6FC	LINZ6	Deep Chrome plated flange kit
L6BKT2		Dodge Charger trunk mount, pair
L6BKT3		46° push bumper bracket

RFLANGEC

RFLANGEA

RFLANG2C

RFLANG2B

RGROMMET

RBKT1

RBKT2

RBKT4

RBKT6

RBKT7

RBKT18 RBKT10

LINZ6FC

L6BKT2

L6BKT3

WHELEN®

LINV2™ V-Series™ 🏍

- Combination 180° warning and puddle light
- Includes Black flange
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Includes steady-burn, alternating, and simultaneous patterns
- Synchronize to other Whelen sync products
- Five year warranty

LINSV2B

LINV2R

Model	Optics	Technology	Mount	Color	Lens	VDC	Amps	Patterns	Cable	Certs	Size
LINV2*	V-Series	Super-LED®	Horizontal, surface	A, B, R, W	Clear	12	0.75 warning 0.12 puddle	25 Scan-Lock™	6" Pigtail	**C, D** (A)	1-1/2" (40mm) H x 1-5/8" (42mm) D x 3-7/8" (98mm) L
LINV2*X					Smoked						
LINSV2*			Under surface mounting		Clear						1-1/8" (28mm) H x 2-13/16" (71mm) D x 2-7/8" (73mm) L
LINSV2*X					Smoked						

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

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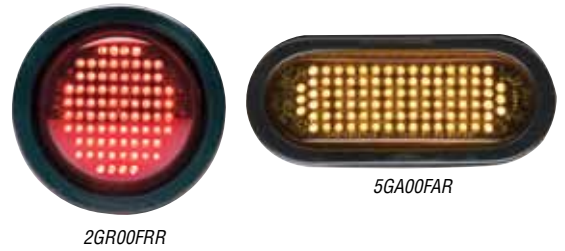| Model	Series	Option Description
RFLANGEC	LINV2	Chrome plated flange kit
RFLANG2C		Chrome plated flange for dual lightheads
RFLANG2B		Black flange for dual lightheads
RBKT1		Mounting bracket for 1 lighthead
RBKT2		Mounting bracket for 2 lightheads
RBKT4		Swivel mounting bracket
RBKT6		License plate bracket for 2 lightheads-horizontal
RBKT7		License plate bracket for 2 lightheads-vertical
RBKT12		Above rear taillight bracket, pair Ford F-250/350/450/550, 2013-2016
RBKT14		Above rear taillight bracket, pair Chevy Silverado/GMC 1500, 2014-2016
RBKT16		Trunk Mount Bracket, pair Ford Police Interceptor Sedan, 2013-2016
RBKT17		Above rear taillight bracket, pair Dodge Ram, 2014-2016
RBKT18		Above rear taillight bracket, pair Ford F-150, 2015-2016
RBKT19		Below rear taillight bracket, pair Ford F-150, 2015-2016

Model	Series	Option Description
LSVBKT13	LINSV2	Under-the-side view mirror mount, pair, Chevy Sliverado 1500/2500, 2014-2016
LSVBKT34		Under-the-side view mirror mount, pair, Ford Explorer, 2011-2016, Police Interceptor Utility, 2013-2016
LSVBKT35		Under-the-side view mirror mount, pair, Dodge Charger, 2011-2016
LSVBKT37		Under-the-side view mirror mount, pair, Chevy Caprice, 2011-2016
LSVBKT38		Under-the-side view mirror mount, pair, Ford Taurus, 2011-2016, Police Interceptor Sedan, 2013-2016
LSVBKT42		Under-the-side view mirror mount, pair, Dodge Ram 1500, 2011-2016
LSVBKT44		Under-the-side view mirror mount, pair, Dodge Durango, 2013-2016
LSVBKT45		Under-the-side view mirror mount, pair, Chevy Tahoe and Suburban, 2016
LSVBKT47		Under-the-side view mirror mount, pair, Ford F-150, 2016

NOTE: Mounting available for Harley-Davidson® Motorcycles. Refer to current Price List or Whelen Motorcycle Brochure for more information

RFLANGEC   RFLANG2C   RFLANG2B   RBKT1   RBKT2   RBKT4   RBKT6   RBKT7   LSVBKT38

2G & 5G Series

- Fits all applicable industry mounting accessories
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Optional flange available for surface mounting
- Five year warranty

2GR00FRR

5GA00FAR

Model	Technology	Mount	Color	Lens	VDC	Amps	Patterns	Cable	Certs	Size
2G*00F*R	LED	Grommet mount (includes vinyl grommet)	A, R	A, R	12	300mA/ avg, 500mA/ peak	15 Scan-Lock™	12" Pigtail	**D** - (Class 1) **C** - (Class 2)	5-1/2" (140mm) Dia. x 1-1/4" (32mm) D (with grommet)
2G*00FCR				Clear						
5G*00F*R				A, R					**C, D** (Class 1 & 2)	3-3/16" (81mm) H x 7-7/16" (189mm) W x 1-1/4" (32mm) D (with grommet)
5G*00FCR				Clear						

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

Model		Option Description
2G	5G	
2GFLANGC	5GFLANGC	Surface mount Chrome plated flange kit
2GFLANGB	5GFLANGB	Surface mount Black flange kit
2GBKT1	5GBKT1	Black surface mount "L" bracket

2GBKT1

2GFLANGB

5GBKT1

5GFLANGC

3" & 3-1/2" Round Series

- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

3" Round

- Ultra thin at only 7/16" (12mm) depth

3-1/2" Round

- Solid or split color warning light
- Interleaved LEDs for combination warning and driving light

3" Round

PAR28B

PAR28DJ

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
3S*00F*R	3" Round	LED	Surface	A,B,R		.50mA/peak .25mA/avg	160 FPM	6" Pigtail	**A C,D** (Class 1, 2 & 3)	3" (76mm) Dia.
PAR28*	3-1/2" Round	Linear6 Super-LED®	Fog light	A,B,R,W	12	2mA/peak .9mA/avg	25 Scan-Lock		**A,B,C,D**	3-1/2" (89mm) Dia.
PAR28#				R/W, B/W, R/B			69 Scan-Lock		**A,B,C,D**	
PAR28D*	3-1/2" Round White Driving Light			W with B or R		1mA/peak .4mA/avg	50 Scan-Lock		**C,D**	
PAR28DJ				W with B over R						

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace symbol# in model number with letter indicating split color desired: D=Red/White, E=Blue/White, J=Split Red/Blue

Model		Option Description
3"	3-1/2"	
3FLANGEC	-	Chrome plated flange
3GROMMET	-	Rubber grommet kit
-	P28FX11	Fog light mount for Ford Explorer, 2011-2015, and Police Interceptor Utility, 2013-2015 Requires optional Ford OEM fog light hardware and bracket, purchased from Ford

3FLANGEC

3GROMMET

P28FX11

WHELEN®

4" Round Series 🏍

- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Supplied with adapter for PAR-36 (4-1/2") applications
- Five year warranty

TIR6, Flat Lens

Linear6, Extended Lens

Flat Lens

- TIR6™ Super-LED® with synchronize feature

Extended Lens

- Linear6™ Super-LED with synchronize feature
- Optional flasher simultaneously flashes or alternates multiple LED lightheads

Fog light mount

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
2F*00Z*R	Flat lens	TIR6 Super-LED	Surface	A, B, R, W		0.8/ max .32/avg	25 Scan-Lock™		**C,D** **B** (A)	4"-1/4 (108mm) Dia.x 1-3/16" Depth
2E*00Z*R	Extended lens		Requires optional mounting	A, B, R, W			25 Scan-Lock		**A** (Lower) **B** (B/R) **C,D**	
2E#00ZCR				R/W, B/W, R/B			69 Scan-Lock			
FEDC06*R	Extended lens with fog light mount, includes mounting	Linear6 Super-LED	2011-2016 Dodge Durango	A, B, R, W	12	2/peak 0.9 avg	25 Scan-Lock	6" Pigtail		4"-1/4 (108mm) Dia. x 2" Depth
FEDC06#R				R/W, B/W, R/B			69 Scan-Lock			
FDFP11*R			2011-2014 Ford Expedition	Interleaved W with R or B			25 Scan-Lock		**B, C, D**	
FDFP11JR				Interleaved W with B over R			69 Scan-Lock			
FEFP11*R			2011-2014 Ford Expedition	A, B, R, W			25 Scan-Lock			
FEFP11#R				R/W, B/W, R/B			69 Scan-Lock			

Replace first symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace last symbol* in model number with letter indicating LENS color.
Replace # in model number with split color desired: D=Red/White, E=Blue/White, J=Red/Blue

Model	Option Description
2GROMMET	Rubber grommet kit, not for fog mount lights
2FLANGEC	Chrome flange kit, not for fog mount lights
2FLANGEB	Black flange kit, not for fog mount lights

2FLANGEC   *2FLANGEB*   *2GROMMET*

OS™ Series

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Includes Chrome housing
- Clear outer lens, color LEDs
- Five year warranty

OSA00FCR

OSR00SCR

Model	Technology	Mount	Color	VDC	Amps	Patterns	Flasher	Cable	Size
OS*00FCR	5mm LED	Surface, includes Chrome flange	A, B, R, W	12	60mA/peak 30mA/avg	Single flash	Built-in	6" Pigtail	1" (25mm) H x 1-1/2"(48mm) W x 1/2" (13mm) D
OS*00SCR					30mA	Steady	Requires flasher (Purchased separately)		

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

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Strip-Lite™

- Slim rectangular shape offers mounting versatility in tight spaces
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Easily surface mounts with two screws
- Low current consumption
- Polycarbonate construction
- Five year warranty

PSR00FRR

Model	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
PS*00F*R	LED	Surface	A, B, R, W	12	0.675/max 0.27/avg	14 Scan-Lock™ including steady-burn	6" Pigtail	C	1" (25mm) H x 1-3/8" (35mm) D x 11-1/2 " (292mm) L

Replace first symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace last symbol* in model number with letter indicating LENS color

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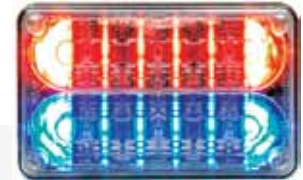| Model	Option Description
PSBKT451	45° mounting bracket
PSBKT1	Guard for use with or without angle bracket

PSBKT1

PSBKT451

WHELEN®

400 Series

- Available with Clear or color lens, V-Series™ has Clear lens only
- V-Series has 3-in-1 combination warning, alley/flood, and ground illuminating puddle light
- Available with or without internal flasher
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Single level is surface mount
- Single level models include Scan-Lock™ flash patterns with steady-burn and synchronize feature
- Dual level has individual control of upper and lower level
- Five year warranty

40R02ZCR

40RB5SCR

4V3R

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
40**5SCR	Dual level warning	Linear Super-LED	Requires optional mounting	A, B, R, W	12	1.8/peak 0.72/avg	Requires optional flasher	6" Pigtail	C W	3-3/16" (77mm) H x 2" (50mm) D x 4-15/16" (124mm) L
40*02Z*R	Single level warning		Surface			.90/peak 0.36/avg	25 Scan-Lock		B,C, D	3-3/16" (77mm) H x 1-3/8" (34mm) D x 4-15/16" (124mm) L
4V3*	Warning, alley/ flood & puddle light	3-in-1 Super-LED lighting		A, B, R, W warning, steady W for alley and puddle		1.2 warning 0.40 alley 0.12 puddle	Warning has 25 Scan-Lock patterns		W	3-1/16" (77mm) H x 2- 3/4" (69mm) D x 4-15/16" (124mm) L

Replace first symbol* or ** in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace last symbol* in model number with letter indicating LENS color.

Model	Option Description
4EFLANGE	Chrome plated flange kit for single level only
4FLANGEB	Black flange kit for single level only
4TSMAB	Black surface mount adapter
4TSMAC	Chrome surface mount adapter

Model	Option Description
4EGRILP	Grille-Master™ Chrome housing with swivel bracket
4EGRILB	Grille-Master Black housing with swivel bracket
4ILKT1	Polished intersection housing kit, pair, for 4300/4400 International chassis only

4EFLANGE   *4FLANGEB*   *4TSMAB*   *4TSMAC*   *4EGRILP*   *4EGRILB*

500 Super-LED® Series

- V-Series™ has 3-in-1 combination warning, alley/flood, and ground illuminating puddle light
- Single color combination 180° and TIR™ directional warning light
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Requires optional mounting
- Solid color available with Clear or color lens
- V-Series and split color lights have Clear lens
- LEDs are rated for thousands of hours of operation
- Five year warranty

50RA3ZCR

50A03ZAR

50R02ZRR

50RB2ZCR

50AA2SA2
Cab mount

50A02SA1
Rear waste truck light

5V1A

5V3R

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
50*02Z*R	Horizontal mount warning	Linear Super-LED	Requires optional mounting	A, B, R, W	12	1.0/peak .40/avg	25 Scan-Lock™	6" Pigtail	B (A/B) C D (A/B)	1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L (lighthead only)
50**2ZCR	Horizontal mount split warning			A/A, B/B, R/R, W/W, R/W, B/W, A/W		.50/peak .20/avg per side				
5V*02Z*R	Vertical mount warning			A, B, R, W						
50AA2SA2	Vertical mount for truck cab		Includes Chrome flange	A		1.0/peak .40/avg				
50A02SA1	Horizontal mount for rear of waste truck		Includes grommet & connector	A						
50*03Z*R	Warning	TIR6™ Super-LED	Requires optional mounting	A, B, R, W		.63/peak .315/avg			B (R) C D	1-5/8" (41mm) H x 1-3/8" (35mm) D x 5" (127mm) L
50**3ZCR	Split warning			A/A, B/B, R/R, W/W, R/W, B/W, A/W		.315/peak .125/avg per side				
5V1*	Warning	V-Series & TIR Super-LED		A, B, R, W		1.5/peak 0.6/avg			B (B) D	2-1/8" (54mm) H x 1-5/8" (42mm) D x 5-3/8" (137mm) L
5V3*	Warning, alley/ flood & puddle light	V-Series Super-LED		A, B, R, W warning, with W illumination		0.12 warning 1.0 alley 0.5 puddle				

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace last symbol* in model number with letter indicating LENS color.

Model	Option Description
5FLANGEB	Black flange kit
5FLANGEC	Chrome plated flange kit
5FLANGEP	Polished aluminum flange kit
5GROMMET	Rubber grommet kit
5TSMAB	Black surface mount adapter, TIR6 Super-LED only
5TSMAC	Chrome plated surface mount adapter, TIR6 Super-LED only
5LSMAB	Black surface mount adapter, Linear-LED® only

Model	Option Description
5LSMAC	Chrome plated surface mount adapter, Linear-LED only
5BRUSH	Aluminum brush guard for TIR6 only, requires flange
5HSGPED	Polished aluminum housing & pedestal swivel mount kit
5HSGB1	7/8"-1" Round bar mount, includes housing and flange
5HSGB125	1-1/4" Round bar mount kit, includes housing and flange
5BKT1	Universal mounting bracket for Super-LED
5GM2LRC	Chrome plated grille mount for 2015-2016 Freightliner M2, pair
5IM2LRC	Chrome plated fender mount for 2015-2016 Freightliner M2, pair

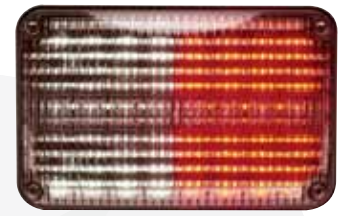5FLANGEB 5GFLANGEC 5FLANGEP 5GROMMET 5BKT1 5GBKT1 5TSMAC 5LSMAC 5BRUSH

WHELEN®

600 Series

- Single color available with Clear or color lens
- Split color lightheads have a Clear lens
- Split color lightheads have independent On/Off side to side control
- 600 Rota-Beam™ Super-LED® oscillating light with no moving parts or motors. 100% solid-state with 180° light output
- Hi/Low power except Rota-Beam
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

60B02SBR / 60B02FBR

60RC6FCR

6RBRC

6RBA

Model	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
60*02S*R	Linear Super-LED	Surface	A, B, R, W	12	1.4/peak .53/avg	Requires optional flasher	6" Pigtail	**A, B, C, D, W**	4-1/8" (105mm) H x 2" (50mm) D x 6-1/2" (165mm) L
60*02F*R					1.4/peak .53/avg	14 Scan-Lock™			
60**6FCR			R/W, R/B, R/A		.75/peak .3/avg per side	54 Scan-Lock			4-1/8" (105mm) H x 1-3/8" (35mm) D x 6-1/2" (165mm) L
6RB*	Rota-Beam Super-LED		A, B, R, W color lens		2.2/peak 1.1/avg	14 Scan-Lock		**W**	4-3/16" (106mm) H x 3-7/16" (88mm) D x 6-9/16" (167mm) L
6RB*C			A, B, R, W Clear lens						

Replace first symbol* or ** in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace last symbol* in model number with letter indicating LENS color.

Model	Option Description
6FLANGEB	Black flange kit
6EFLANGE	Chrome plated flange kit
6EHDLTMK	Headlight mount kit for ATI and KD housing, includes hardware
CAST3	Polished cast aluminum housing, vertical mount, 3 lamp
CAST3H	Polished cast aluminum housing, horizontal mount, 3 lamp
CAST4V	Polished cast aluminum housing, vertical mount, 4 lamp
PLAST3V	Chrome plated plastic housing, vertical mount, 3 lamp
PLAST4V	Chrome-plated plastic housing, vertical mount, 4 lamp
64FKIT	Kit to convert 600 Series to fit in old style 64 Series hole cutouts

6EFLANGE

6FLANGEB
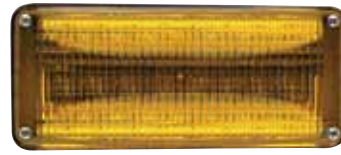
6EHDLTMK
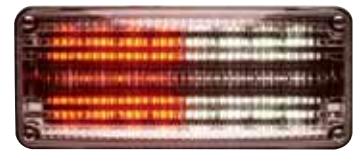
CAST3H

CAST3 PLAST3V

CAST4V PLAST4V

64FKIT

700 Series

- Single color available with Clear or color lens
- Split color lightheads have a Clear lens
- Split color lightheads have independent On/Off side to side control
- Low power
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

70A02SAR / 70A02FAR

70RC6FCR

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
70*02S*R	Directional	Linear Super-LED®	Surface	A, B, R, W	12	1.4/peak .53/avg	Requires optional flasher	6" Pigtail	A, B, C, D, W	3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
70*02F*R						1.4/peak .53/avg per side	14 Scan-Lock™			
70**6FCR				R/W, R/B, R/A		.75/peak .3/avg per side	54 Scan-Lock			

Replace first symbol* or ** in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace last symbol* in model number with letter indicating LENS color.

Model	Option Description
7FLANGEB	Black flange kit
7EFLANGE	Chrome plated flange kit
7CAST3	Polished cast aluminum housing, vertical mount, 3 lamp
7GCV6LRC	Grille mount Chrome housing for the 2006-2015 Chevy Express van, pair
73FKIT	Mounting kit to convert 700 Series to fit in old style 73 Series hole cutouts
7PT5R	Rear light pod for six lightheads for the 2015-2016 Ford Transit Medium or High roof
7PTMSF	Front light pod for six lightheads for the 2015-2016 Ford Transit Medium or High roof
7PTH5F	Front light pod for six lightheads for the 2015-2016 Ford Transit High roof
7HTM5FC	Chrome-plated housings, sold in pairs for front driver and passenger side of the 2015-2016 Ford Transit Medium roof
7HTM5RC	Chrome-plated housings, sold in pairs for rear driver and passenger side of the 2015-2016 Ford Transit Medium roof
7HTH5FC	Chrome-plated housings, sold in pairs for front driver and passenger side of the 2015-2016 Ford Transit High roof
7HTH5RC	Chrome-plated housings, sold in pairs for rear driver and passenger side of the 2015-2016 Ford Transit High roof

7FLANGEB　*7EFLANGE*　*7CAST3*　*73FKIT*　*7PT5R*　*7PTMSF*　*7HTM5FC*　*7HTM5RC*

WHELEN®

900 Series

• Largest surface mount with dual level LEDs
• Single color light available with Clear or color lens
• Split color lightheads have Clear lens
• Split level lights have top/bottom control
• Low power
• Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
• Five year warranty

90RR5SRR / 90RR5FRR

90RC5FCR

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
90**5S*R	Directional	Linear Super-LED	Surface	A, B, R, W	12	2.8/peak 1/avg	Requires optional flasher	6" Pigtail	**A, B, C, D, W**	7-1/8" (181mm) H x 1-3/8" (35mm) D x 9-1/8" (232mm) L
90**5F*R						2.8/peak 1/avg	14 Scan-Lock™ steady-burn & Hi/Low			
90**5FCR				R/W, R/B, R/A		1.4/peak .5/avg per side				

Replace first symbol* or ** in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace last symbol* in model number with letter indicating LENS color

Model	Option Description
90FLANGB	Black flange kit
90FLANGC	Chrome plated flange kit
97FKIT	Mounting kit to convert 900 Series to fit in old style 97 Series hole cutouts

90FLANGC

90FLANGB

97FKIT

LED Brake/Tail/Turn Lights

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
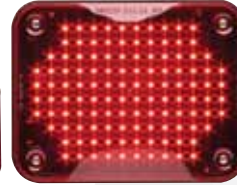- Five year warranty

M6BTT

M9BTTX

20R00XRR

40BTT

60BTT

70BTT

90BTT

PSR00XRR

PSRASXCR

Model	Optics	Technology	Mount	Color	Lens	VDC	Amps	Cable	Certs	Size
20R00XRR	4" Round	LED	Requires optional mounting	R	R	12	.4/high 0.4/low	6" Pigtail	J, K, L, Y, X, Q	4-1/4" (108mm) dia.
M6BTT	M6 Series		Surface				0.85/brake 0.06/tail		J, K, L, X, Y	4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L
M9BTTX	M9 Series						0.75/brake 0.55/tail			6-1/2" (165mm) H x 1-3/8" (35mm) D x 10-3/8" (263mm) L
40BTT	400 Series						.375/brake .040/tail		J, K, I	3-3/16" (77mm) H x 2-3/4" (69mm) D x 4-15/16" (124mm) L
60BTT	600 Series						.375/brake .040/tail			4-1/8" (105mm) H x 1-3/8" (35mm) D x 6-1/2" (165mm) L
70BTT	700 Series		Surface							3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
90BTT	900 Series									7-1/8" (181mm) H x 1-3/8" (35mm) D x 9-1/8" (232mm) L
PSR00XRR	Strip-Lite™						.5 high/.05 low		J, K	1" (25mm) H x 1-3/8" (35mm) D x 11-1/2" (292mm) L
PSRASXCR		LED with turn		R/A	C		.225 turn/150mA brake/40mA turn		-	

Model								Option Description
4" Round	M6	M7	400	600	700	900	Strip-Lite	
2FLANGEC	M6FC	M7FC	4EFLANGE	6EFLANGE	7EFLANGE	90FLANGC	-	Chrome plated flange
2FLANGEB	M6FB	M7FB	4FLANGEB	6FLANGEB	7FLANGEB	90FLANGB	-	Black flange
-	M6BRUSH	M7BRUSH	-	-	-	-	PSBKT1	Brush guard
2GBKT1	-	-	-	-	-	-	-	"L" bracket
2GROMMET	-	-	-	-	-	-	-	Grommet mount kit
-	M6FCV2	-	-	-	-	-	-	Chrome flange, 1 lamp, vertical
-	M6FCV3	-	PLAST3V	-	-	-	-	Chrome flange, 2 lamps, vertical
-	M6FCV4	-	PLAST4VL	-	-	-	-	Chrome flange, 4 lamps, vertical
-	-	-	-	CAST3H	-	-	-	Cast aluminum housing, 3 lamps, horiz.
-	-	-	-	CAST3	7CAST3	-	-	Cast aluminum housing, 3 lamps, vert.
-	-	-	-	CAST4V	-	-	-	Cast aluminum housing, 4 lamps, vert.
LEDLOAD								Adds additional amperage load

2FLANGEC 2FLANGEB 2GROMMET 2GBKT1 4EFLANGE 4FLANGEB 7EFLANGE 7FLANGEB

M6FCV2

M6FCV3 PLAST3V

M6FCV4 PLAST4VL

CAST3H

CAST3

CAST4V

7CAST3

WHELEN®

LED Turn Signals

- Arrows may be mounted left or right
- 400 LED Series is turn indicator/front marker clearance light combination
- M Series are surface mounted
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Mounting options are purchased separately
- Five year warranty

M6T

M9T

40A00AAR

60A00TAR

70A00TAR

90A00TAR

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
M6T	M6 Series	LED	Surface mount	A	12	.75/max	8	6" Pigtail	L, Y	4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L
M9T	M9 Series		Surface mount			1.2/max			L, Y	6-1/2" (165mm) H x 1-3/8" (35mm) D x 10-3/8" (263mm) L
40A00AAR	400 Series		Surface mount / Optional mounting available			.4/max .06/avg	2		X, Y	3-3/16" (77mm) H x 2-3/4" (69mm) D x 4-15/16" (124mm) L
60A00TAR	600 Series					.7/max .35/avg	6		L, Y	4-1/8" (105mm) H x 1-3/8" (35mm) D x 6-1/2" (165mm) L
70A00TAR	700 Series					.9/max .45/avg				3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
90A00TAR	900 Series					1.25/max 1/avg	17			7-1/8" (181mm) H x 1-3/8" (35mm) D x 9-1/8" (232mm) L

Model						Option Description
M6	M9	400	600	700	900	
M6FC	M9FC	4EFLANGE	6EFLANGE	7EFLANGE	9FELANGE	Chrome plated flange
M6FB	M9FB	4FLANGEB	6FLANGEB	7FLANGEB	9EFLANGEB	Black flange
M6BRUSH	M9BRUSH	-	-	-	-	Brush guard
M6FCV2	-	-	-	-	-	Chrome flange for two lightheads, vertical
M6FCV3	-	-	PLAST3V	-	-	Chrome flange for three lightheads, vertical
M6FCV4	-	-	PLAST4VL	-	-	Chrome flange for four lightheads, vertical
-	-	-	CAST3H	-	-	Three lighthead cast aluminum housing, horiz.
-	-	-	CAST3	7CAST3	-	Three lighthead cast aluminum housing, vert.
-	-	-	CAST4V	-	-	Four lighthead cast aluminum housing, vert.
M6FC600	M9FC900	-	-	-	-	Chrome flange converts to 600 or 900 Series lighthead

6EFLANGE   6FLANGEB   M6FC600   7FLANGEB   7EFLANGE   M6FC   M6FCV2   M6FCV3   M6FCV4   CAST3H   CAST3   CAST4V   7CAST3

Super-LED® & LED Back-Up Lights

- **NEW** 400 Series Super-LED back-up lights
- M Series are surface mounted
- Mounting options are purchased separately
- 400, 600, and 700 Series LED may additionally be used as interior lights
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

M6BUW *M9BUW* *5GC00WCR*

40C00VCR *40BUH* *40BUV* *60C00VCR*

60C00WCR *70C00VCR* *70C00WCR*

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
M6BUW	M6 Series	Super-LED	Surface	W	12	1.6	Steady	6" Pigtail	N	4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L
M9BUW	M9 Series					1.8				6-1/2" (165mm) H x 1-3/8" (35mm) D x 10-3/8" (263mm) L
5GC00WCR	5G Series		Includes grommet			.15				3-3/16" (77mm) H x 1-1/2" (38mm) D x 7-7/16" (189mm) L
40C00VCR	400 Series	LED	Horizontal			.35				3-3/16" (77mm) H x 2-3/4" (69mm) D x 4-15/16" (124mm) L
40BUH		Super-LED				1.0				
40BUV			Vertical							
60C00VCR	600 Series	LED minimum	May be surface mounted			.35				4-1/8" (105mm) H x 1-3/8" (35mm) D x 6-1/2" (165mm) L
60C00WCR		LED maximum				0.6				
70C00VCR	700 Series	LED minimum	Optional mounting available			.35				3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
70C00WCR		LED maximum				0.5				

Model						Option Description
Super-LED		LED				
M6	M9	400	500	600	700	
M6FC	M9FC	4EFLANGE	5FLANGEC	6EFLANGE	7EFLANGE	Chrome plated flange
M6FB	M9FB	4FLANGEB	5FLANGEB	6FLANGEB	7FLANGEB	Black flange
M6BRUSH	M9BRUSH	-	5BRUSH	-	-	Brush guard
-	-	-	5FLANGEP	-	-	Polished aluminum flange
M6FCV2	-	-	-	-	-	Chrome flange for two lightheads, vertical
M6FCV3	-	-	PLAST3V	-	Chrome flange for three lightheads, vertical
M6FCV4	-	-	-	PLAST4V	-	Chrome flange for four lightheads, vertical
-	-	-	-	CAST3H	-	Three lighthead cast aluminum housing, horizontal
-	-	-	-	CAST3	7CAST3	Three lighthead cast aluminum housing, vertical
-	-	-	-	CAST4V	-	Four lighthead cast aluminum housing, vertical
M6FC600	M9FC900	-	-	-	-	Chrome flange converts to hundred series lighthead

4EFLANGE *5FLANGEC* *6FLANGEB* *M6FC600* *7FLANGEB* *7EFLANGE* *M6FC* *M6FCV2* *M6FCV3* *M6FCV4* *CAST3H* *CAST3* *CAST4V* *7CAST3*

WHELEN®

Super-LED® & LED Interior Lighting

- Super-LED model 86CE1 has 12 diodes and Hi/Low control and is certified to KKK 1822-F when properly installed
- LED 2" Round Series includes 2-1/2" adapter for customer supplied 2-1/2" grommet, plus a 3" and 3-1/2" flange mount
- Strip-Lite™ available in two levels of intensity
- Fluorent Plus™ Series is available in increments of 9" (228mm) and includes both a C clip for snap-in and P clip for fixed mounting. Silicone rubber end caps
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

86CE1

T0CACCCR

5SCA0CCR

20C0CDCR

5GC0CCCR

PSC0ADCR

PSC0CDCR

F18PC

Model	Optics	Technology	Mount	VDC	Amps	Cable	Size
86CE1	Rectangular interior dome	Super-LED	Requires cut-out, includes flange		2/high .20/low	6" Pigtail	6-7/16"(163mm) H x 1-1/4"(32mm) D x 8-3/16"(208mm) L
T0CACCCR	2" Round compartment	5mm LED	Surface		.025		2" (51mm) Dia.
5SCA0CCR	500 Series compartment	56 diode LED			.300		1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L
20C0CDCR	2G Series (4" round) compartment	Super-LED 12 diode	Surface mount requires optional mounting		.360	6" Pigtail, includes Deutsch® connector	4" (102mm) Dia.
20C0CDCD				12			
5GC0CCCR	5G Series compartment	Super-LED	Includes Black grommet, requires optional mounting		.525		3-3/16" (81mm) H x 1-1/2" (38mm) D x 7-7/16" (189mm) L
PSC0ADCR	Strip-Lite compartment	6 diode LED	Surface		.240		1" (25mm) H x 1-3/8" (35mm) D x 11-1/2 " (292mm) L
PSC0CDCR		18 diode LED			.480		
F09PC	Fluorent Plus compartment tube lighting	Super-LED	Surface		.06	6" Pigtail	5/8" (16mm) H x 9" (228mm) L
F18PC					.125		5/8" (16mm) H x 18" (457mm) L
F27PC					.16		5/8" (16mm) H x 27" (686mm) L
F36PC					.18		5/8" (16mm) H x 36" (914mm) L
F45PC					.24		5/8" (16mm) H x 45" (114cm) L
F54PC					.32		5/8" (16mm) H x 54" (137cm) L
F63PC					.42		5/8" (16mm) H x 63" (160cm) L

Model	Series	Option Description
TFLANGEC	2" Round	Surface mount Chrome plated flange kit
TFLANGEB		Surface mount Black flange kit
TGROM2		Grommet mounting kit
2GFLANGC	2G (4" Round)	Surface mount Chrome plated flange kit
2GFLANGB		Surface mount Black flange kit
2GROMMET		Grommet mounting kit

Model	Series	Option Description
5GFLANGC	5G	Surface mount Chrome plated flange kit
5GFLANGB		Surface mount Black flange kit
PSBKT451	Strip-Lite	45° stainless steel bracket

TFLANGEC *TFLANGEB* *TGROM2* *2GFLANGC* *2GFLANGB* *2GROMMET*

5GFLANGC *5GFLANGB* *PSBKT451*

Super-LED® & LED Interior Lighting

- 3" Round Red, Red/White, and Blue/White are designed for better night vision and includes independent control of color and White light
- 6" Round extreme low profile surface mount is available in 24 volt models. Certified for NFPA 1901 and NFPA 1917 primary or alternative spec when properly configured
- 700 Series has illuminated switches
- 8" Round has high lumen output of 1,000/Hi and 80/Low, simulating natural light at midday. Certified to meet KKK-1822F requirements when properly installed
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

3SC0CDCR   3SR0CDRR   3SBCCDCR   3SRCCDCR

60C0EHCR   side view   60C0EJCS   60CBEGCS   60CREGCS

70CREGCS   80C0EHCR   80C00EZR   8WC00EZR   80CBEHCR   80CREHCR

Model	Optics	Technology	Mount	Housing	Switch	VDC	Amps	Cable	Size
3SC0CDCR	3" Round LED	Compartment White	Surface Optional mounting available	Rubber gasket housing	-	12	.380	6" Pigtail	3" (76mm) Dia.
3SR0CDRR		Nighttime illumination, Red					.300		
3SBCCDCR		Compartment split Blue/White					.310		
3SRCCDCR		Compartment split Red/White							
60C0EHCR	6" Round Super-LED	Compartment 18 diode, White	Surface	-	-		1.2/high .13/low		6" (152mm) Dia. x 5/8" (16mm) D
60C0EJCS		Compartment 6 diode, White			On/Off		.70/high		
60CBEGCS		Compartment 6 Blue diodes & 6 White diodes			Dual switches for On/Off color and On/ Off and White		.70/White .50/Blue		
60CREGCS		Compartment 6 Red diodes & 6 White diodes					.70/White .50/Red		
70CREGCS	700 Series	Compartment 30 Red diodes & 30 White diodes			Backlighted dual switches for On/Off color and White		.35/White .50/Red 2mA/switch		3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L
80C0EHCR	8" Round Super-LED ambulance light	18 Diode, White	4 Screws, fits industry standard 8" cutout, no mounting hardware required	Chrome flange	Built-in Hi/Low intensity		1.2/high .13/low		8-5/8" (218mm) Dia. x 1" (24mm) D
80C00EZR		18 Diode, White	Fits 8" cutout with spring clip mounting, no mounting hardware required						
8WC00EZR				White flange					
80CBEHCR		6 White diodes 3 Blue diodes	4 Screws	Chrome flange			1.5/White .50/color		
80CREHCR		6 White diodes 3 Red diodes							

Model	3" Round Options
3FLANGEC	Chrome plated flange, surface mount
3GROMMET	Grommet mount

3FLANGEC   3GROMMET

WHELEN®

Illumination, Marker or Clearance, Tank Light & PAR Replacement Lamps

- 0S™ Series includes Chrome housing. It's 45° angle illuminates step surfaces and areas needing angled lighting. Interior or exterior use
- 2" Round Series marker or clearance light includes 2-1/2" adapter for customer supplied 2-1/2" grommet, plus a 3" and 3-1/2" flange mount. Includes color lens
- PSTANK light indicates fluid level of water tank on vehicle
- PEL Series has 40° downward projected light for illumination of vehicle's perimeter
- PAR lights have heavy-duty heatsink and industry standard brass slotted head connection point
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Includes 6" pigtail
- Five year warranty

0AC0EDCR

0SC0EDCR

0SA00MCR

T0R00MRR

PSTANK

PELCC

P36SLC

P46SLC

P46FLC

P46WLC

P46S2R

Model	Optics	Technology	Application	Mount	Color	Lens	Housing	VDC	Amps	Patterns	Size
0SC0EDCR	0S Series	LED	White illumination	Surface	W	Clear	Chrome	12	0.3	Steady	1" (25mm) H x 1/2" (13mm) D x 1-1/2" (38mm) L
0AC0EDCR											1" (25mm) H x 7/8" (21mm) D x 1-7/8" (48mm) L
0SA00MCR			Marker or clearance		A	A			0.8/max 0.5/avg		1" (25mm) H x 1/2" (13mm) D x 1-1/2" (38mm) L
0SR00MCR					R	R					
T0A00MAR	2" Round				A	A	-				2" (51mm) Dia.
T0R00MRR					R	R					
PSTANK	Strip-Lite™		Fluid indicator		R, A, B, G				0.45/max		1-3/8" (35mm) H x 11-1/2" (292mm) L
PELCC	PEL Series	Super-LED®	Ground perimeter lighting		W	Clear	Chrome		.85		2-1/4" (56mm) H x 1-5/8" (42mm) D x 7-7/8" (201mm) L
PELCB							Black				
PELCC4							Chrome	24	.37		
PELCB4							Black				
P46SLC	PAR-46		2° Spotlight	Drop-in replacement for outdated halogen spotlight lamps	W	Smoked	Black powder coated die-cast aluminum heatsink	12	23		5-5/8" (144mm) Dia x 2-11/16" (69mm) D
P46SLCX						Clear					
P46FLC			8° Spotlight			Smoked			1.9		
P46FLCX						Clear					
P46WLC			20° x 60° Floodlight			Smoked					
P46WLCX						Smoked					
P46S2*			8° Spotlight with Blue or Red warning						1.0 Warning	1 wire control for Spot and Warning	5-5/8" (144mm) Dia x 1-13/16" (46mm) D
P46S2X2			8° Spotlight with California Steady Red			Clear			1.4 Spotlight		
P46S2*3			8° Spotlight with Blue or Red warning							1 wire control for Spot, Warning with alternating flash	
P36SLC	PAR-36		2° Spotlight					12/24	0.85 @ 12 VDC 0.325 @ 24 VDC	Steady	4-1/2" (111mm) Dia. x 2" (51mm) D

Replace symbol* in model number with letter indicating color desired: B=Blue, R=Red

● ● ● ○

Model	2" Round Option Description
TGROM2	Rubber grommet mount
TFLANGEC	Surface mount flange, Chrome
TFLANGEB	Surface mount flange, Black

TGROM2

TFLANGEC

TFLANGEB

Super-LED® & LED Scenelights

- Super-LED surface mount lightheads are instant on with no warm-up time
- 500 Series lightheads require mounting option, purchased separately
- 900 and M9 Series lightheads are certified to meet KKK 1822-F requirements and AMD 024 Standard
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

6SC0ENZR

7SC0ENZR

9SC0ENZR

M6ZC

70C0ELZR

M9LZC

M7ZC

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size
6SC0ENZR	600 Series	Super-LED	Surface	W	12	1.5	Steady	6" Pigtail	4-1/8" (105mm) H x 1-3/4" (44mm) D x 6-1/2" (165mm) L
60C0ELZR	600 Series	Super-LED	Recess	W	12	2	Steady	6" Pigtail	4-1/8" (105mm) H x 1-3/4" (44mm) D x 6-1/2" (165mm) L
7SC0ENZR	700 Series	Super-LED	Surface	W	12	2	Steady	6" Pigtail	3-1/16" (78mm) H x 1-3/4" (44mm) D x 7-1/4" (184mm) L
70C0ELZR	700 Series	Super-LED	Recess	W	12	2	Steady	6" Pigtail	3-1/16" (78mm) H x 1-3/4" (44mm) D x 7-1/4" (184mm) L
9SC0ENZR	900 Series	Super-LED	Surface, includes Chrome flange	W	12	6	Steady	6" Pigtail	7-1/8" (181mm) H 1-3/4" (44mm) D x 9-1/8" (232mm) L
M6ZC	M6 Series	Super-LED	Surface	W	12	2	Steady	6" Pigtail	4-5/16" (109mm) H x 1-3/8" (35mm) D x 6-3/4" (170mm) L
M7ZC	M7 Series	Super-LED	Surface	W	12	2.25/peak .9/avg	Steady	6" Pigtail	3-3/8" (86mm) H x 1-3/8" (35mm) D x 7-5/8" (194mm) L
M9LZC	M9 Series	Super-LED	Surface, includes Chrome flange	W	12	6	Steady	6" Pigtail	6-1/2" (165mm) H x 1-3/8" (35mm) D x 10-3/8" (263mm) L

Model Series						Option Description
M6	M7	M9	600	700	900	
M6FC	M7FC	M9FC	6EFLANGE	7EFLANGE	90FLANGC	Chrome plated flange
M6FB	M7FB	M9FB	6FLANGEB	7FLANGEB	90FLANGB	Black flange

M6FC

M7FB

6EFLANGE

6FLANGEB

7EFLANGE

7FLANGEB

WHELEN®

24 VDC Lightheads

Special order, contact factory for availability. Non-returnable, non-cancelable. See 12V page for photo and details

Model	Series	Description	Color	12 V Page
0SU0EDCR	0S Series	Illumination Light	W	31
20U0CDCR	4"Round, 2G Series	Compartment Light, Level 3 Intensity, Optional Mounting Purchased Separately	W	29
50S03ZAR	500 Series	TIR6™ Super-LED®	A with A Lens	22
50T03ZBR	500 Series	TIR6 Super-LED	B with B Lens	22
50W03ZRR	500 Series	TIR6 Super-LED	R with R Lens	22
60U0EHCR	6" Round	Surface Mount, Super-LED Ambulance Interior Light	W	30
60U0EJCS	6" Round	Surface Mount, 6 LED Interior Light, Includes Switch	W	30
7SU0ENZR	700 Series	Gradient Opti-Scenelight, Surface Mount	W	32
90BTT4	900 Series	5mm Brake/Tail/Turn, 2 Flash Patterns	R with R Lens	26
9SU0ENZR	900 Series	Super-LED Gradient Opti-Scenelight™, Surface Mount	W with Chrome Flange	25
LINZ6*24	LINZ6™ Series	Linear Super-LED Lighthead	A, B, R, or W, with Clear Lens	16
M2*24	M2 Series	Super-LED Lighthead with Scan-Lock™ Flash Patterns	A, B, R, or W, with Color Lens	13
M2W*24	M2 Series	Super-LED, Warning, Wide-Angle	A, B, R, or W, with Color Lens	13
M2W*C24	M2 Series	Super-LED, Warning, Wide-Angle	A, B, R, or W, with Clear Lens	13
M4*24	M4 Series	Super-LED Lighthead with Scan-Lock Flash Patterns	A, B, R, or W, with Color Lens	13
M6*24	M6 Series	Super-LED Lighthead with Scan-Lock Flash Patterns	A, B, R, or W, with Color Lens	14
M6BTT24	M6 Series	Brake/Tail/Turn Lighthead	R with R Lens	26
M6BUW24	M6 Series	Back-Up Lighthead	W with Clear Lens	28
M6T24	M6 Series	Amber Turn Signal, Sequential Arrow	A with A Lens	27
M6ZC24	M6 Series	Super-LED Gradient Scenelight	W with Clear Lens	32
M7*24	M7 Series	Super-LED Lighthead with Scan-Lock Flash Patterns	A, B, R, or W, with Color Lens	14
M7ZC24	M7 Series	Super-LED Gradient Scenelight	W with Clear Lens	32
M9*24	M9 Series	Super-LED Lighthead with Scan-Lock Flash Patterns	A, B, R, or W, with Color Lens	15
MCRNS*4	Micron™	Linear Super-LED, Surface Mount	A or W, with Black Flange	6
MPB4B	Pioneer™ Micro™	Super-LED Work Light, Bail/Stud Mount	W with Black Housing	34
MPB4W	Pioneer Micro	Super-LED Work Light, Bail/Stud Mount	W with White Housing	34
MPP4W	Pioneer Micro	Super-LED Work Light, Low Profile Pedestal/Swivel Mount	W with White Housing	34
MPR4W	Pioneer Micro	Super-LED Work Light, Straight Recessed Mount	W with White Housing	34
NP6B4B	Pioneer Nano™	Work/Scene Light, 6-LED, with Bail Mount	W with Black Housing	34
NP6B4W	Pioneer Nano	Work/Scene Light, 6-LED, with Bail Mount	W with White Housing	34
P46HHS4	PAR-46	Super-LED Hand Held Spotlight, Includes Cigar Cord, On/Off Switch and Magnet	W with Black Housing	-
PELCB4	PEL Series	Super-LED Perimeter Enhancement Light	W with Black Housing	31
PELCC4	PEL Series	Super-LED Perimeter Enhancement Light	W with Chrome Housing	31
PFBP12C4	PAR-36	Round 12 Diode Super-LED Flood Light, with Pedestal/Swivel Mount and an On/Off Switch	W with Chrome Rear Cover	-
PFP14	Pioneer Plus™	Super-LED Flood Light, Single Panel	W with White Housing	34
PFP24	Pioneer Plus	Super-LED Flood Light, Dual Panel	W with White Housing	34
PFS14	Pioneer Plus	Combination Flood/Spot, Single Panel	W with White Housing	-
PFS24	Pioneer Plus	Combination Flood/Spot, Dual Panel	W with White Housing	-
VTX609*4	Vertex™	Omni Directional Super-LED	A, B, R, or W, with Clear Lens	12
WIONSC*4	ION™ Series	Wide-Angle Super-LED, Surface Mount	A, B, R, or W, with Chrome Flange	7
WIONSM*4	ION Series	Wide-Angle Super-LED, Surface Mount	A or W, with Black Flange	7
WPLWZ3A4	Wing Plow™	2 LINZ6 Super-LED Lights, One for when Plow is in Use and One for when Plow is Stowed	A	-

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

For PAR, Pioneer and Wing Plow lights, request Whelen Product Bulletin for more information

Pioneer™ Series Work Lights

Pioneer Nano™

Pioneer Micro™

Pioneer SlimLine™

With their structural design and innovative optic technology, Whelen's Pioneer Series Super-LED® Work Lights are reliable and efficient. Models feature a variety of sizes and mounting options for every application and price point.

For more information, request Whelen's Pioneer Series catalog

Pioneer Surface Mount

Pioneer Mounting Options

Pioneer & Pioneer Plus™

Pioneer Max™

Pioneer Quad™

WHELEN®

Lighting Certifications

A......**KKK 1822-F** - Federal Ambulance Specification

B .... **CAC, Title 13, Article 22** (Red, Blue and Amber lightheads)

Warning Lamps and Devices

C .... **SAE J595** - Flashing Warning Lamps for Authorized Emergency, Maintenance, and Service Vehicles (Jan 90)

D .... **SAE J845** - 360° Warning Devices for Authorized Emergency, Maintenance, and Service Vehicles (May 97) Class 1, Class 2, Class 3 (Includes selective coverage)

E..... **SAE J1318** - Gaseous Discharge Warning Lamp for Authorized Emergency, Maintenance, and Service Vehicles (May 98) Class 1, Class 2, Class 3

Test Procedures and Materials

F..... **SAE J575** - Test Methods and Equipment for Lighting Devices & Components for use on Vehicles less than 80" (2032mm) in Overall width (Jun 92)

G .... **SAE J2139** - Test Methods and Equipment for Lighting Devices & Components for use on Vehicles greater than 80" (2032mm) in Overall width (Jan 96)

H .... **SAE J578** - Color Specifications (Jun 95)

Signalling and Marking Lighting Devices and Systems

I ..... **FMVSS108** - Federal Motor Vehicle Safety Standards

J..... **SAE J586** - Stop Lamps for use on Motor Vehicles Less than 80" (2032mm) in Overall width (Sep 95)

K .... **SAE J585** - Tail Lamps (Rear position Lamps) for Use on Motor Vehicles Less than 80" (2032mm) in Overall width (Dec 94)

L..... **SAE J588** - Turn Signal Lamps for Use on Motor Vehicles Less than 80" (2032mm) in Overall width (Dec 94)

M ... **SAE J592** - Clearance, Side Marker, Identification Lamps (Dec 94)

N .... **SAE J593** - Back-up Lamps (Reversing Lamps) (Oct 95)

N(A) **SAE J593C** - Back-up Lamps (Reversing Lamps) (Feb 68)

O .... **SAE J914** - Side Turn Signal Lamps for Vehicles less than 36' (12m) in Length (Jan 95)

P .... **SAE J1432** - High Mounted Stop lamps for Use on Vehicles 80" (2032mm) or More in Overall Width (Sept 97)

Q .... **SAE J1889** - LED Lighting Devices (Jun 99)

R .... **SAE J1957** - Center High Mounted Stop Lamp Standard for Vehicles Less than 80" (2032mm) in Overall Width (Jun 93)

S .... **SAE J2039** - Side Turn Signals Lamps for Large Vehicles (Jun 94)

T..... **SAE J2040** - Tail Lamps (Rear Position Lamps) for Use on Vehicles 80" (2032mm) or More in Overall Width (Apr 99)

U .... **SAE J2042** - Clearance, Side marker, and Identification Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width (Jun 96)

V .... **SAE J2261** - Stop Lamps and Front and Rear-Turn Signal Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width (Mar 96)

W ... **NFPA 1901** - (2009 Edition) For NFPA application consult current NFPA Specification Lighting Packages Catalog

X .... **SAE J1398** - Stop Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width

Y .... **SAE J1395** - Turn Lamps for Use on Motor Vehicles 80" (2032mm) or More in Overall Width

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