

LIGHTHEADS



Official Warning Lights
of NASCAR®



WHELEN®
MANUFACTURED IN AMERICA

All lenses and domes
are Hard-Coated to resist
salt or chemical damage
and UV degradation!

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LED products
carry our HDP®
Heavy-Duty
Professional
warranty!



SmartLED®
lighthouses do
not need an
external flasher!



Oscillating
LEDs with no
moving parts
or motors!

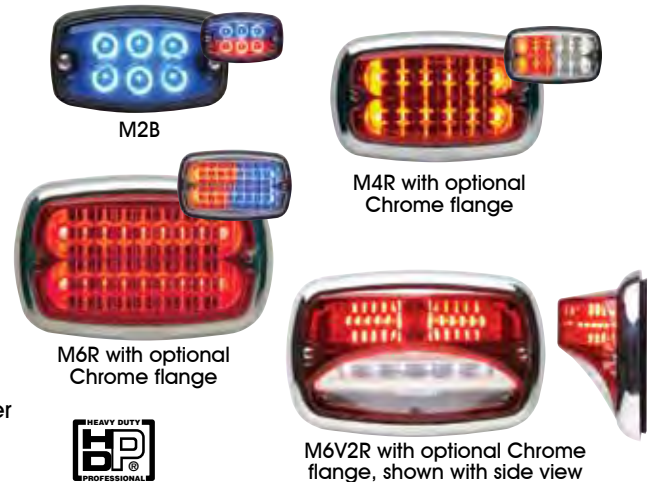


Lightheads - Warning

WHELEN

M2, M4 & M6 Series

- Unique lens shape is completely illuminated.
- Patented Linear-LED® designed reflector assembly.
- Hard-coated lens resists scratches, chemical and UV damage.
- Surface mounted via two screws allows for easy installation.
- Lens and reflector are a sealed assembly.
- Lighthouse is designed with the mounting screws located outside of the sealed lens/reflector assembly eliminating water infiltration.
- Built-in flasher models are synchronizable.
- Choose solid, left/right, top/bottom, in/out, or diagonal sequencing.
- Meets KKK 1822F, NFPA 1901, SAE, EC65 specifications.
- Includes California Title XIII compliant flash patterns.
- NEW M6 V-Series™ lighthouse is combination warning and perimeter light.
- Five-year HDP® Heavy-Duty Professional warranty.



Model No.	Optics	LED Color	Available Colors	Lens	VDC	Flasher	Patterns	Amps	Certifications	Lighthouse Size
M2*	standard warning	single color	A, R, B, W	color	12	built-in	129 Scan-Lock™ including steady 69-Split	1 / peak .45 / avg	B (R/A/B) C (R/A/B)	2-1/2" (64mm) H x 4" (102mm) W x 1" (25mm) D
M2*C		split color	R/A, R/B, R/W	Clear						
M2#	wide-angle warning	single color	A, R, B, W	color	12	built-in	129 Scan-Lock™ including steady 69-Split	1 / peak .45 / avg	B (R/A/B) C (R/A/B)	2-1/2" (64mm) H x 4" (102mm) W x 1" (25mm) D
M2W*		split color	R/A, R/B, R/W	Clear						
M2W*C	wide-angle warning	single color	A, R, B, W	color	12	built-in	125 Scan-Lock 64-Split	1.5 / peak 0.6 / avg	A (Lower R) B (A/B/W) C (R/A/B)	3-3/8" (86mm) H x 5-1/2" (138mm) W x 1-3/8" (35mm) D
M2W#		split color	R/A, R/B, R/W	Clear						
M4*	standard warning	single color	A, R, B, W	color	12	built-in	125 Scan-Lock 64-Split	1.5 / peak 0.6 / avg	A (Lower R) B (A/B/W) C (R/A/B)	3-3/8" (86mm) H x 5-1/2" (138mm) W x 1-3/8" (35mm) D
M4*C		split color	R/A, R/B, R/W	Clear						
M4#	standard warning	single color	A, R, B, W	color	12	requires flasher purchased separately	-	-	A (Lower R) B (A/B/W) C (R/A/B)	3-3/8" (86mm) H x 5-1/2" (138mm) W x 1-3/8" (35mm) D
M4*S		split color	R/A, R/B, R/W	Clear						
M4*CS	standard warning	single color	A, R, B, W	color	12	built-in	159 Scan-Lock 64-Split	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*		split color	R/A, R/B, R/W	Clear						
M6*C	standard warning	single color	A, R, B, W	color	12	requires flasher purchased separately	-	-	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#		split color	R/A, R/B, R/W	Clear						
M6*S	standard warning	single color	A, R, B, W	color	12	built-in	warning has 21 Scan-Lock	warning 1.5 amp peak/0.60 avg; perimeter light 0.77 amps	A (A/R Upper & Lower) B (A/B/R) C (A/B/R/W) D (A/B/R/W)	4-5/16" (109mm) H x 2-1/4" (57mm) D x 6-3/4" (170mm) L
M6*CS		split color	R/A, R/B, R/W	Clear						
M6V2*	combination warning and perimeter illumination	single color warning, White illumination	A, R, B, W	color for warning, clear for illumination	12	built-in	warning has 21 Scan-Lock	warning 1.5 amp peak/0.60 avg; perimeter light 0.77 amps	A (A/R Upper & Lower) B (A/B/R) C (A/B/R/W) D (A/B/R/W)	4-5/16" (109mm) H x 2-1/4" (57mm) D x 6-3/4" (170mm) L

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

D=SAE J845 selective coverage

Option Model No.				Option Description
M2	M4	M6	M6V2	
M2FC	M4FC	M6FC	M6FC	Chrome plated flange
M2FB	M4FB	M6FB	M6FB	Black flange
-	M4BRUSH	M6BRUSH	-	Black brush guard
-	M4FC400	M6FC600	M6FC600	Chrome flange, adapts M Series to 400, 600 Series style lightheads
M2PEDB	-	-	-	Black pedestal mount kit
M2PEDC	-	-	-	Chrome pedestal mount kit
M2GROM	-	-	-	Grommet mount kit
-	-	M6P15C	-	Chrome 15° angled surface mount housing
-	-	M6P15B	-	Black 15° angled surface mount housing
-	-	M6HDLMTK	-	Headlight mounting kit for ATI & KD housings, includes hardware
-	-	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)



Lighthheads - Warning

WHELEN

M7 & M9 Series

- Unique lens shape is completely illuminated.
- Patented Linear-LED® designed reflector assembly.
- Hard-coated lens resists scratches, chemical and UV damage.
- Surface mounted via two screws allows for easy installation.
- Lens and reflector are a sealed assembly.
- Lighthouse is designed with the mounting screws located outside of the sealed lens/reflector assembly eliminating water infiltration.
- Built-in flasher models are synchronizable.
- Choose solid, left/right, top/bottom, in/out, or diagonal sequencing.
- Meets KKK 1822F, NFPA 1901, SAE, EC65 specifications.
- Includes California Title XIII compliant flash patterns.
- NEW M9 V-Series™ lighthouse is combination warning and scenelight, comes standard with Chrome flange.
- Five-year HDP® Heavy-Duty Professional warranty.



M7R with optional Black flange



M9R with optional Chrome flange



M9V2R with Chrome flange, standard, shown with side view

Model No.	Optics	LED Color	Available Colors	Lens	VDC	Flasher	Patterns	Amps	Certifications	Lighthouse Size
M7A	standard warning	single color	A, R, B, W	color	12	built-in	159 Scan-Lock 64-Split	2.25 / peak 0.9 / avg	<div>A (Upper R/W, Lower R) B (R/A/B) C (R/A/B)</div>	3-3/8" (86mm) H x 7-5/8" (194mm) W x 1-3/8" (35mm) D
M7*C		Clear								
M7#		split color	R/A, R/B, R/W	color						
M7*S		single color	A, R, B, W							
M7*CS										
M9A	standard warning	single color	A, R, B, W	Clear	12	built-in	159 Scan-Lock 64-Split	3 / peak 1.2 / avg	<div>A (Upper R/A/W, Lower R) B (R/B) C (R/A/B)</div>	6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D
M9*C										
M9#		split color	R/A, R/B, R/W							
M9*S		single color	A, R, B, W	color						
M9*CS										
M9V2*	combination warning and scenelight	single color warning, White illumination	A, R, B, W	color for warning, clear for illumination	12	built-in	warning has 21 Scan-Lock	M9V2: warning 2.4 amps peak/0.96 avg.; scenelight: 2.4 amps	<div>A (A/R/W Upper & Lower) B (A/B/R) C (A/B/R/W) D (A/B/R/W)</div>	M9V2: 6-1/2" (165mm) H x 10-3/8" (263mm) W x 2-5/8" (66mm) D

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

D=SAE J845 selective coverage

Option Model No.			Option Description
M7	M9	M9V2	
M7FC	M9FC	-	Chrome plated flange
M6FB	M9FB	M9FB	Black flange
M7BRUSH	M9BRUSH	-	Black brush guard
M7FC700	M9FC900	M9FC900	Chrome flange, adapts M Series to 700 and 900 Series style lighthouses



M7FC



M7FB



M7BRUSH



M7FC700



M9FC



M9FB



M9BRUSH



M9FC900

Lightheads - Warning

WHELEN

OS™ Series

- Smallest lighthead available by Whelen.
- Encapsulated for moisture, vibration, corrosion resistance.
- Steady-burn requires remote flasher.
- Clear outer lens, color LEDs.
- Five year HDP® Heavy-Duty Professional warranty.



OSA00FCR



OSR00SCR

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

Model No.	Lamp Type	Technology	Mount	Color	VDC	FPM	Amps	Cable	Certification	Size
OS*00FCR	warning	LED	surface (includes Chrome flange)	A R W B	12	single flash	60mA/peak 30mA/avg	6" pigtail	-	1" (25mm) H x 1-1/2" (48mm) W x 1/2" (13mm) D
OS*00SCR						steady	30mA			

OR™ Series

- Designed for door panel mounting.
- Single flash or steady-burn.
- Clear outer lens, color LEDs.
- Five year HDP Heavy-Duty Professional warranty.



ORA00FCR



ORR00SCR

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

Model No.	Lamp Type	Technology	Mount	Color	VDC	FPM	Amps	Cable	Certification	Size
OR*00FCR	warning	LED	recess	A R	12	flashing	60mA/peak 30mA/avg	6" pigtail	-	3/4" (19mm) H x 3/4" (19mm) W x 1/2" (13mm) D
OR*00SCR						steady	30mA			

Vertex™ Competitor

- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option.
- Economically priced 6 diode.
- Electronics built into base.
- Clear outer lens, color LEDs.
- Five year HDP Heavy-Duty Professional warranty.



VTC6R

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

Model No.	Lamp Type	Technology	Mount	Color	VDC	FPM	Amps	Cable	Certification	Size
VTC6*	warning	Super-LED®	headlight or taillight surface	A, R B, W	12	25 Scan-Lock™	62mA/peak 25mA/avg	6" pigtail	-	1" (26mm) H x 1-5/8" (41mm) Dia.

Option Model No.	Options Description
VTCFC	Chrome plated flange
VTCFB	Black flange



VTCFB

VTCFC

Vertex™

- Designed to mount in composite style headlight or taillight, or surface mount to exterior surfaces with flange mount option.
- Encapsulated self-contained light with in-line lamp driver.
- Clear outer lens, color LEDs.
- Five year HDP Heavy-Duty Professional warranty.



VTX609R

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

Model No.	Lamp Type	Technology	Mount	Color	VDC	FPM	Amps	Cable	Certification	Lighthead Size
VTX609*	warning	Super-LED	headlight or taillight surface	A, R B, W	12	25 Scan-Lock	.750/peak .30/avg	9'	-	1" (26mm) H x 1-5/8" (41mm) Dia.
VTX609#	Split warning			A, R B, W						

Option Model No.	Options Description
VTXFC	Chrome plated flange
VTXFB	Black flange



VTXFB

VTXFC

Lightheads - Warning

WHELEN

2G & 5G Lightheads

- SmartLED® design requires no external flasher.
- Fits all applicable industry mounting accessories.
- Economical and reliable.
- Encapsulated.
- Can be surface mounted with optional flange.
- Five year HDP® Heavy-Duty Professional warranty.



2GR00FRR



5GA00FAR

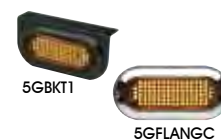
Model No.	Lamp Type	Technology	Mount	Color	Lens	VDC	FPM	Amps in mA	Cable	Certification	Size
2G*00F*R	warning	LED	recess mount (includes vinyl grommet)	A R	A, R	12	15 Scan-Lock™ patterns	300/avg 500/peak	12" pigtail	D - (Class 1) C - (Class 2)	5-1/2" (140mm) Dia. x 1-1/4" (31mm) D (with grommet)
2G*00FCR					Clear						
5G*00F*R					A, R					D - (Class 1)	3-3/16" (81mm) H x 7-7/16" (189mm) W x 1-1/4" (38mm) D (with grommet)
5G*00FCR					Clear						

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

Model No.	2G Option Description
2GFLANGC	Surface mount Chrome plated flange kit
2GFLANGB	Surface mount Black flange kit
2GBKT1	Black surface mount "L" bracket



Model No.	5G Option Description
5GFLANGC	Surface mount Chrome plated flange kit
5GFLANGB	Surface mount Black flange kit
5GBKT1	Black surface mount "L" bracket



3" & 3-1/2" Round

3" Round

- Surface mount.
- Ultra thin at only 7/16" (12mm) depth.
- Five year HDP Heavy-Duty Professional warranty.

3-1/2" Round

- Solid or split color warning light.
- Interleaved LEDs for combination warning and driving light.
- Five year HDP Heavy-Duty Professional warranty.



3" Round



PAR28B



PAR28DJ

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps in mA	Patterns	Cable	Certification	Size
3S*00F*R	3" round warning	LED	surface mount	A,R,B	12	.50 amp/peak .25 amp/avg	160 FPM	6" pigtail	-	3" (76mm) Dia.
PAR28*	3-1/2" round warning driving light	LIN6™ Super-LED®	fog light	A,R,B,W		2 amp/peak .9 amp/avg	25 Scan-Lock		D	3-1/2" (89mm) Dia
PAR28J		split R/B		69 Scan-Lock						
PAR28D		split R/W								
PAR28E		split B/W								
PAR28D*		LIN6 Super-LED interleaved		W with B or R		1 amp/peak .4 amp/avg	50 Scan-Lock			
PAR28DJ				W with B over R						

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

Option Model No.		Options Description
3"	3-1/2"	
3FLANGEC	-	Chrome plated flange
3GROMMET	-	Rubber grommet kit



Lightheads - Warning

WHELEN

4" Round

Flat Lens

- TIR6™ Super-LED® with synchronize feature.
- Supplied with adapter for PAR-36 (4-1/2") applications.
- Five year HDP® Heavy-Duty Professional warranty.

Extended Lens

- LINZ6™ Super-LED with synchronize feature.
- Supplied with adapter for PAR-36 (4-1/2") applications.
- To simultaneously flash or alternate multiple LED lightheads use optional LED flasher.
- Extended lens models with two LINZ6 modules.
- Five year HDP Heavy-Duty Professional warranty.



4" Round, TIR6, Flat Lens



4" Round, LINZ6, Extended Lens



4" Round, shown with fog light mount

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Encap-sulated	Cable	Certification	Size
2F*00Z*R	warning flat lens	TIR6 Super-LED	surface	A, R B, W	12	0.8/max .32/avg	25 Scan-Lock™	yes	6" pigtail	D	4"-1/4 (108mm) Dia. x 1-3/16" depth
2E*00Z*R	warning extended lens	LINZ6 Super-LED	requires optional mounting	A, R B, W		2/peak 0.9 avg	25 Scan-Lock				B, C, D
2E#00ZCR		Split LINZ6 Super-LED		Split R/B, R/W, B/W			69 Scan-Lock				
FEDC06*R	warning fog light mount with extended lens includes mounting	LINZ6 Super-LED	2011-2013 Dodge Durango	A, R B, W			25 Scan-Lock				
FEDC06#R		Split LINZ6 Super-LED		Split R/B, R/W, B/W			69 Scan-Lock				
FDCT10*R		Interleaved LINZ6 Super-LED	2010-2013 Chevy Tahoe	R, B			25 Scan-Lock				
FDCT10JR		Interleaved Split LINZ6 Super-LED		Split B over R			69 Scan-Lock				
FDFP11*R		Interleaved LINZ6 Super-LED	2010-2013 Ford Expedition	A, R B, W			25 Scan-Lock				
FDFP11JR		Interleaved Split LINZ6 Super-LED		Split B over R			69 Scan-Lock				
FECT10*R		LINZ6 Super-LED	2010-2013 Chevy Tahoe	A, R B, W			25 Scan-Lock				
FECT10#R		Split LINZ6 Super-LED		Split R/B, R/W, B/W			69 Scan-Lock				
FEFP11*R		LINZ6 Super-LED	2011-2013 Ford Expedition	A, R B, W			25 Scan-Lock				
FEFP11#R		Split LINZ6 Super-LED		Split R/B, R/W, B/W			69 Scan-Lock				

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

Option Model No.	Options Description
2GROMMET	Rubber grommet kit - not for fog mount lights
2FLANGEC	Chrome flange kit - not for fog
2FLANGEB	Black flange kit - not for fog



2FLANGEC



2FLANGEB



2GROMMET

Lightheads - Warning

WHELEN

TIR3™, LIN3™, LINZ6™ & LINV2™

- Fully encapsulated for moisture and vibration resistance.
- Highly intense and effective surface mount light modules.
- Includes Black polycarbonate mounting flange.
- Synchronizable to other products.
- Includes steady-burn, alternating and simultaneous patterns available.
- Split LINZ6 will alternate or simultaneous flash each color segment (3x3).
- LINV2 offers two-in-one, combination 180° warning and puddle light with Scan-Lock™ warning flash patterns.
- Five year HDP® Heavy-Duty Professional warranty.



TIR3 horizontal mount



LIN3



LINV2*



TIR3 vertical mount



LINZ6B

Model No.	Lamp Type	Technology	Mount	Color	VDC	Amps	Patterns	Encap- sulated	Cable	Certification	Size	
RS*03ZCR	warning	TIR3 Super- LED®	horizontal, surface	R, B, A, W	12	0.40/peak 0.16/avg	25 Scan-Lock	yes	6" pigtail	<div><div><div>B (R)</div><div>C (A)</div><div>D</div></div><div>W (Class 1 B/W)</div></div>	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	horizontal, surface			split R/W, R/B, R/A	0.75/peak 0.30/avg			69 Scan-Lock	<div><div>A (Lower only, R)</div><div>B (B/R)</div><div>C</div><div>D (Class 1)</div></div>	2" (48mm) H x 1-5/8" (40mm) D x 4" (102mm) L
LINZ6*		LINZ6 Super-LED										
LINZ6#	split warning	Split LINZ6 Super-LED		split B/B								
LINZ61												
LINZ62												
LINZ65												
LINV2*	combination light	LINV2 Super-LED	horizontal, surface	R, B, A, W	0.75/warning 0.12/puddle	25 Scan-Lock	<div><div>C, D (A)</div></div>	1-1/2" (40mm) H x 1-5/8" (42mm) D x 3-7/8" (98mm) L				

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=Split Red/White, J=Split Red/Blue, K=Split Red/Amber

Model No.	Model	Option Description
RFLANGEC	TIR3 LIN3 LINZ6 LINV2	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
RBKT5		Under sideview mirror bracket
RBKT6		License plate bracket for 2 lightheads-horizontal
RBKT7		License plate bracket for 2 lightheads-vertical
RBKT10		Dodge Charger trunk mount- pair
RBKT11		Above rear taillight bracket for Ford F-150

Model No.	Model	Option Description
RBKT12	TIR3 LIN3 LINZ6 LINV2	Above rear taillight bracket, Ford F-250/350/450/550
RBKT13		Above rear taillight bracket, Chevy Silverado
RBKT14		Above rear taillight bracket, Chevy Silverado/GMC 1500
RBKT15		Below rear taillight bracket, Ford F-150
RBKT8B		Black fender mount, Freightliner 2 or International, pair
RBKT8C	TIR3/LIN3 LINV2	Black fender mount, Freightliner 2 or International, pair
RBKT4		Swivel mounting bracket for one lighthead
LINZ6FC	LINZ6	Deep Chrome plated flange kit
L6BKT2		Dodge Charger trunk mount- pair
L6BKT3		46° push bumper bracket
L6BKT5		Under sideview mirror bracket
LIN4KIT		Convert LINZ6 to mount LIN4 location



RFLANGEC



RFLANGEA



RFLANG2C



RFLANG2B



RGROMMET



LINZ6FC



RBKT1



RBKT2



RBKT14



RBKT5



RBKT6



RBKT7



RBKT8C



RBKT10



L6BKT2



L6BKT3

Lightheads - Warning

WHELEN

ION™ & ION V-Series™

- Standard, wide-angle and NEW V-Series, warning or 3-in-1 lighthead with 45° color warning, White illumination facing straight out and White illumination for ground lighting.
- Highly intense and effective.
- Synchronizable to other products with sync option.
- Includes steady-burn, alternating and simultaneous patterns.
- Black, White or Chrome diecast housing.
- Five year HDP® Heavy-Duty Professional warranty.



IONWA
Universal Mount



WIONR
Universal Mount



WIONSMCR
Surface Mount



IONV1R
V-Series Warning only Surface Mount



IONV3R
V-Series Surface Mount

Model No.	Lamp Type	Technology	Mount	Color	Housing Color	VDC	Amps	Patterns	Cable	Certification	Size		
ION*	warning	ION Super-LED®	universal surface	R, B, A, W	Black	12	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		
IONW*					White								
ION#	split warning			split R/B R/W, B/A	Black					C,D (W)			
IONW#					White								
WION*	wide-angle			R, B, A, W	Black					A,B,C,D (A/R)			
WIONW*					White					B,C,D (B)			
WION#	split wide-angle		split R/B R/W, B/A	Black	A,C,D (W)								
WIONW#				White									
IONSM*	warning		surface mount, includes flange	R, B, A, W	Black					B,C,D (A/B/R)	1-11/16" (43mm) H x 1-1/8" (28mm) D x 5-15/16" (150mm) L		
IONSMW*					White								
IONSMC*					Chrome								
IONSM#	split angle			split R/B R/W, B/A	Black					C,D (W)			
IONSMW#					White								
WIONSM*	wide-angle			R, B, A, W	Black					A,B,C,D (A/R)			
WIONSMW*					White					B,C,D (B)			
WIONSMC*					Chrome					A,C,D (W)			
WIONSM#	split wide-angle	split R/B R/W, B/A		Black									
WIONSMW#				White									
WIONSMCD		split R/W		Chrome									
IONV3*	3-in 1 lighthead with warning alley, and puddle light	ION V-Series Super-LED®		universal surface	R, B, A, W warning with W alley and puddle lighting		Black			Warning lights: 0.765, Alley lights: 0.31, Puddle light: 0.12.			
IONV3*W				White									
IONSV1*			surface mount, includes flange	Black									
IONSV1*W				White									
IONSV3*				Black									
IONSV3*W				White									
IONSV3*C		Chrome											
IONV1*	single color warning only	ION V-Series with TIR directional lights	universal surface	R, B, A, W	Black		1.147						1" (25mm) H x 2-3/16" (56mm) D x 4-1/16" (104mm) L
IONV1*W					White								
IONSV1*			surface mount, includes flange		Black								
IONSV1*W					White								
IONSV1*C					Chrome								

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=Split Red/White, J=Split Red/Blue, K=Split Red/Amber

Model No.	Option Description
IONK1W	Swivel mount bracket, White
IONK1B	Swivel mount bracket, Black
IONGROM	Grommet mount kit

Model No.	Option Description
IONPEDB	Black pedestal mount
IONPEDC	Chrome plated pedestal mount
IONBKT1	License plate bracket for 2 lightheads



IONK1W



IONK1B



IONGROM



IONPEDB



IONPEDC



IONBKT1

Lightheads - Warning

WHELEN

SideKick™ Series

- ION™ standard warning, wide-angle or ION V-Series™, three-in-one combination light with 45° warning, steady-burn White flood/alley and ground illumination.
- 180° Wide-angle warning models.
- Adds critical lighting coverage to side of Ford and Chevy vehicles.
- Polycarbonate construction.
- Five year HDP® Heavy-Duty Professional warranty.



Model No.	Lamp Type	Technology	Color	Housing Color	VDC	Amps	Patterns	Cable	Certification	Size
SK01**	ION	Super-LED® Directional	R, B, A, W	Black	12	1.0/peak .40/avg	25	10" 4-wire pigtail	C	Fits 2013-2014 Ford Police Interceptor Sedan
SK01JJ			split R/B				69			
SK01W**	ION wide-angle		R, B, A, W				25			
SK01WJJ			split R/B				69			
SK01V3**	ION V-Series	Super-LED warning, alley/ flood & puddle	R, B, A, W			.765 warning .31 alley .12 puddle	25	10" 6-wire pigtail	A, C, D, W	Fits 2011-2013 Chevy Caprice Police
SK02V3**			R, B, A, W							
SK02**	ION	Super-LED Directional	R, B, A, W			1.0/peak .40/avg	69	10" 4-wire pigtail	C	
SK02JJ			split R/B							
SK02W**	ION wide-angle		R, B, A, W							
SK02WJJ			split R/B							

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

V23 Super-LED® Series

- 180° Wide-angle warning.
- Optional angled flange mount for mounting on a curved body panel of any vehicle.
- Polycarbonate construction.
- Five year HDP Heavy-Duty Professional warranty.



Model No.	Lamp Type	Technology	Mount	Color	Housing Color	VDC	Amps	Patterns	Cable	Certification	Size
V23*TPB	warning	3-in-1 Super-LED®	surface includes flange	R, B, A, W warning W illumination	Black	12	W = .76 A = .62 P = .12	25 Scan-Lock™	6" pigtail	D	2-11/16" (68mm) H x 1-1/2" (38mm) D x 4-1/4" (109mm) L
V23*TPC					Chrome						

Model No.	Option Description
V23P20B	Black angled surface mount housing
V23P20C	Chrome angled surface mount housing
V23PEDB	Black pedestal mount
V23PEDC	Chrome plated pedestal mount



Strip-Lite™

- Slim rectangular shape offers mounting versatility in tight spaces.
- Encapsulated.
- Low current consumption.
- Polycarbonate construction, surface mounted with two screws.
- Five year HDP Heavy-Duty Professional warranty.



PSR00FRR

Model No.	Lamp Type	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certification	Lighthead Size
PS*00F*R	warning	LED	surface	R, B, A, W	12	0.675/max 0.27/avg	14 Scan-Lock includes steady-burn	6" pigtail	C	1" (25mm) H x 1-3/8" (35mm) D x 11-1/2" (292mm) L

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

Model No.	Option Description
PSBKT451	45° mounting bracket
PSBKT1	Guard for use with or without angle bracket



Lightheads - LED Warning

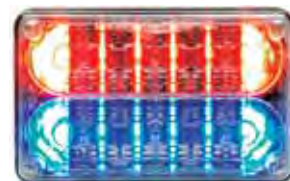
WHELEN

400 Series™

- Available with or without internal flasher.
- Single level is surface mount.
- Single level models include Scan-Lock™ flash patterns with steady-burn, and synchronize feature.
- Dual level has six Super-LEDs over six Super-LEDs with individual control of upper and lower level.
- Dual level requires LED flasher and optional mounting, purchased separately (not to be used as steady-burn light).
- Available with Clear or color lens, except V-Series™ has Clear lens only.
- NEW 400 Series V-Series has 3-in-1 combination lighting in one module, with 45° flashing color warning, White steady alley or flood light and White downward projecting ground illumination or puddle light.
- Five year HDP® Heavy-Duty Professional warranty.



40R02ZCR



40RB5SCR



4V3R

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthouse Size
40**5SCR	dual level warning	Linear Super-LED®	requires optional mounting	R, B, A, W	12	1.8/peak 0.72/avg	requires optional flasher	6" pigtail	A (Upper R/S/W) C W	3-3/16" (77mm) H x 2" (50mm) D x 4-15/16" (124mm) L
40*02Z*R	single level warning		surface			R, B, A, W warning, steady W for alley and puddle	.90/peak 0.36/avg		25 Scan-Lock™	A (Lower only R)
4V3*	warning, alley/flood & puddle light	3-in-1 Super-LED lighting		1.2 warning 0.40 alley light 0.12 puddle			warning has 25 Scan-Lock patterns		Class 1	3-1/16" (77mm) H x 2- 3/4" (69mm) D x 4-15/16" (124mm) L

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
First * or ** is for LED color, last * is for Lens color.

Model No.	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 No.	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



4EGRILB



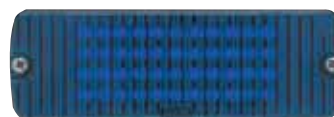
4EGRILP



4ILKT1

500 LED Series™

- Surface mount model and model that requires optional mounting.
- Available with Clear or color lens.
- LEDs are rated for thousands of hours of operation.
- Polycarbonate construction.
- Encapsulated.
- Five year HDP Heavy-Duty Professional warranty.



5SB00FBR
Surface mount



50B00FBR

Model No.	Lamp Type	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certification	Lighthouse Size
50*00F*R	directional warning	5mm LED	requires optional mounting	R, B, A, W	12	.300/peak .120/avg	14 Scan-Lock	6" pigtail	W	1-13/16" (46mm) H x 7/8" (22mm) D x 5-3/16" (131mm) L
5S*00F*R			surface							

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

See next page for mounting options.

Lightheads - LED Warning

WHELEN

500 Super-LED® Series

- Requires optional mounting.
- NEW 500 Series V-Light™ has 3-in-1 combination lighting in one module, with 180° flashing color warning, White steady alley or flood light and White downward projecting ground illumination or puddle light.
- 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 HDP® Heavy-Duty Professional warranty.



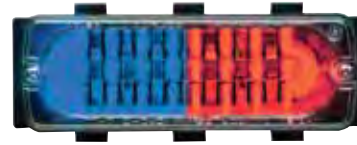
50RA3ZCR



50B03ZBR



50R02ZRR



50RB2ZCR



5V3R



5V3 showing
puddle light

Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthouse Size
50*02Z*R	horizontal mount warning	Linear Super-LED	requires optional mounting	R, B, A, W	12	1.0/peak .40/avg	25 Scan-Lock™	6" pigtail	A (R Lower) B (R) C D (R) W	1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L
50**2ZCR	horizontal mount split warning			A/A, A/B, A/W, A/R B/B, B/W, B/R W/W, W/R, R/R		.50/peak .20/avg per side				
5V*02Z*R	vertical mount warning			R, B, A, W		1.0/peak .40/avg				
50*03Z*R	warning	TIR6™ Super-LED		R, B, A, W		.63/peak .315/avg			C, D, W	1-5/8" (41mm) H x 1-3/8" (35mm) D x 5" (127mm) L
50**3ZCR	split warning			A/A, A/B, A/W, A/R B/B, B/W, B/R W/W, W/R, R/R		.315/peak .125/avg per side				
5V3*	warning, alley/flood & puddle light	3-in-1 Super-LED lighting		R, B, A, W warning, steady W for alley and puddle		0.12 warning 1.0 alley light 0.5 puddle			D	2-1/8" (54mm) H x 1-5/8" (42mm) D x 5-3/8" (137mm) L

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
First * or ** is for LED color, second * is for LENS color.

Model No.	500 Series 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

Model No.	500 Series Option Description
5LSMAB	Black surface mount adapter, Linear-LED® only
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



5FLANGEB



5FLANGEC



5FLANGEP



5GROMMET



5TSMAC



5LSMAC



5BRUSH



5HSGPED



5HSGB1
5HSGB125



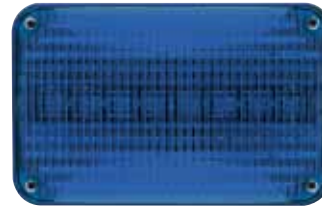
5BKT1

Lightheads - Warning

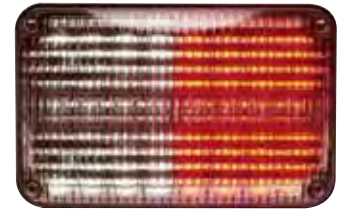
WHELEN

600 Series

- Single color available with Clear or color lens.
- Split color lightheads has Clear lens.
- Split color has independent On/Off side to side control.
- Hi/Low power except on Rota-Beam.
- NEW 600 Rota-Beam™ Super-LED® oscillating light with no moving parts or motors. 100% solid-state with 180° light output.
- Five year HDP® Heavy-Duty Professional warranty.



60B02SBR / 60B02FBR



60RC6FCR



6RBRC



Model No.	Lamp Type	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certification	Lighthouse Size
60*02S*R	warning	Linear Super-LED	surface	R, B, A, W	12	1.40/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	split warning			R/A, R/B, R/W		.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*	oscillating warning	Rota-Beam Super-LED		R, B, A, W color lens		2.2/peak 1.1/avg	14 Scan-Lock		D	4-3/16" (106mm) H x 3-7/16" (88mm) D x 6-9/16" (167mm) L
6RB*C				R, B, A, W Clear lens						

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
First * or ** is for LED color, second * is for LENS color.

Model No.	600 Series Option Description
6FLANGEB	Black flange kit
6EFLANGE	Chrome plated flange kit
6EHDLMK	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



6EHDLMK



CAST3 PLAST3V



CAST4V PLAST4V



CAST3H



64FKIT

Lightheads - Warning

WHELEN®

700 Series

- Single color available with Clear or color lens.
- Split color lightheads has Clear lens.
- Split color has independent On/Off side to side control.
- Low power.
- Five year HDP® Heavy-Duty Professional warranty.



70A02SAR / 70A02FAR



70RC6FCR

Model No.	Lamp Type	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certification	Lighthead Size
70*02S*R	warning	Linear Super-LED®	surface	R, B, A, W	12	.140/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	split warning			R/A, R/B, R/W		.75/peak .3/avg per side	54 Scan-Lock			

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
First * or ** is for LED color, second * is for LENS color.

Model No.	700 Series Option Description
7FLANGEB	Black flange kit
7EFLANGE	Chrome plated flange kit
7CAST3	Polished cast aluminum housing, vertical mount, 3 lamp
7EGRILP	Grille-Master™ Chrome housing with swivel bracket
7EGRILB	Grille-Master Black housing with swivel bracket
7GCV6LRC	Grille mount chrome housing 2006-11 Chevy Express van, pair
73FKIT	Mounting kit to convert 700 Series to fit in old style 73 Series hole cutouts



7FLANGEB



7EFLANGE



7CAST3



7EGRILB



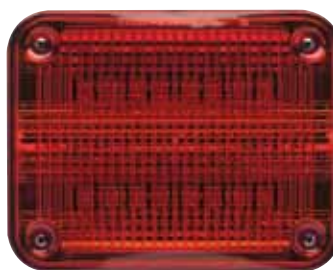
7EGRILP



73FKIT

900 Series

- Largest surface mount with dual level LEDs.
- Single color light available with Clear or color lens.
- Split color lightheads has Clear lens.
- Split level lights have top/bottom control.
- Low power.
- Five year HDP Heavy-Duty Professional warranty.



90RR5SRR / 90RR5FRR



90RC5FCR

Model No.	Lamp Type	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certification	Lighthead Size
90**5S*R	warning	Linear Super-LED	surface	R, B, A, 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	split warning			R/A, R/B, R/W		1.4/peak .5/avg per side				

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
First * or ** is for LED color, second * is for LENS color.

Model No.	900 Series 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



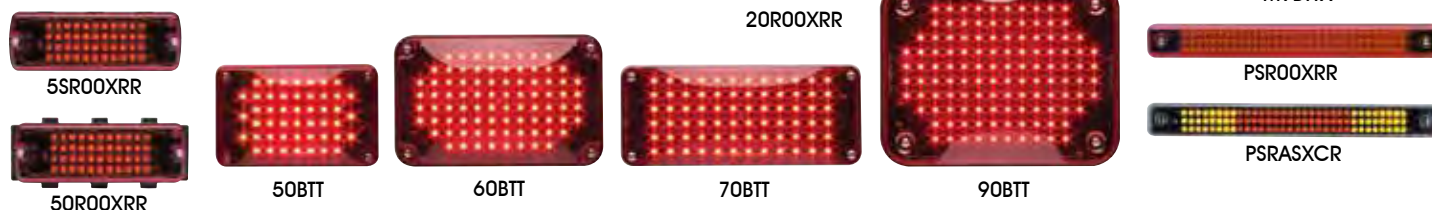
97FKIT

Lightheads - Brake/Tail/Turn

WHELEN

LED Series Brake/Tail/Turn

- Encapsulated with color or Clear outer lens.
- Hard-coated lenses resists chemical and sun damage.
- Five year HDP® Heavy-Duty Professional warranty.



Model No.	Lamp Type	Tech-nology	Mount	Color	LENS	VDC	Amps	Cable	Certifi-cation	Lighthead Size		
20R00XRR	4" Round B/T/T	LED	requires optional mounting	R	R	12	.4 high 0.4 low	6" pigtail	J, K, L, Y, X, Q	4-1/4" dia.		
M6BTT	M6 Series B/T/T	Super-LED®	surface				0.85 brake 0.06 tail		J, K, L, X, Y	4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D		
M9BTTX	M9 Series B/T/T						0.75 brake 0.55 tail			6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D		
40BTT	400 Series B/T/T						.375 brake .040 tail		I	3-3/16" (77mm) H x 2-3/4" (69mm) D x 4-15/16" (124mm) L		
5SR00XRR	500 Series B/T/T	LED	requires optional mounting				.25 high .05 low		A, B, C, W	1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L		
50R00XRR							.375 brake .040 tail			4-1/8" (105mm) H x 1-3/8" (35mm) D x 6-1/2" (165mm) L		
60BTT	600 Series B/T/T	Super-LED	surface							3-1/16" (78mm) H x 1-1/4" (31mm) D x 7-1/4" (184mm) L		
70BTT	700 Series B/T/T									7-1/8" (181mm) H x 1-3/8" (35mm) D x 9-1/8" (232mm) L		
90BTT	900 Series B/T/T											
PSR00XRR	Strip-Lite™ B/T/T	LED		R/A	C		.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					.225 turn / 150mA brake 40mA tail		-			

Option Model No.								Option Description
4" Round	M6	M7	500	600	700	900	Strip-Lite	
2FLANGEC	M6FC	M7FC	5FLANGEC	6EFLANGE	7EFLANGE	90FLANGC	-	Chrome plated flange
2FLANGEB	M6FB	M7FB	5FLANGEB	6FLANGEB	7FLANGEB	90FLANGB	-	Black flange
-	M6BRUSH	M7BRUSH	5BRUSH	-	-	-	PSBKT1	Brush guard
2GBKT1	-	-	5GBKT1	-	-	-	-	"L" bracket
-	-	-	5FLANGEP	-	-	-	-	Polished aluminum flange
2GROMMET	-	-	5GROMMET	-	-	-	-	Grommet mount kit
-	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 lighthouse cast aluminum housing, horz.
-	-	-	-	CAST3	7CAST3	-	-	Three lighthouse cast aluminum housing, vert.
-	-	-	-	CAST4V	-	-	-	Four lighthouse cast aluminum housing, vert.
LEDLOAD								Adds additional amperage load



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.
- LED Series may be surface mounted, or use optional mount.
- Mounting options are purchased separately.
- Five year HDP® Heavy-Duty Professional warranty.



Model No.	Lamp Type	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certification	Lighthead Size
M6T	M6 Series	LED	surface mount	A	12	.75/max	8	6" pigtail	L, Y	4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D
M9T	M9 Series					1.2/max				6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D
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
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	

Option Model Number								Option Description
Incandescent		LED						
600	700	M6	M9	400	600	700	900	
6EFLANGE	7EFLANGE	M6FC	M9FC	4EFLANGE	6EFLANGE	7EFLANGE	9EFLANGE	Chrome plated flange
6FLANGEB	7FLANGEB	M6FB	M9FB	4FLANGEB	6FLANGEB	7FLANGEB	9EFLANGEB	Black flange
-	-	M6BRUSH	M9BRUSH	-	-	-	-	Brush guard
-	-	-	-	-	-	-	-	Polished aluminum flange
-	-	-	-	-	-	-	-	Grommet mount kit
-	-	M6FCV2	-	-	-	-	-	Chrome flange for two lightheads, vertical
PLAST3V	-	M6FCV3	-	-	PLAST3V	-	-	Chrome flange for three lightheads, vertical
PLAST4VL	-	M6FCV4	-	-	PLAST4VL	-	-	Chrome flange for four lightheads, vertical
CAST3H	-	-	-	-	CAST3H	-	-	Three lighthead cast aluminum housing, horizontal
CAST3	7CAST3	-	-	-	CAST3	7CAST3	-	Three lighthead cast aluminum housing, vertical
CAST4V	-	-	-	-	CAST4V	-	-	Four lighthead cast aluminum housing, vertical
-	-	M6FC600	M9FC900	-	-	-	-	Chrome flange converts to hundred series lighthead



Lightheads - Back-up Lights

WHELEN

Super-LED® & LED Back-Up Lights

- M Series are surface mounted.
- LED Series may be surface mounted, or use optional mount.
- Mounting options are purchased separately.
- Seven sizes to choose from.
- 400, 600 and 700 Series LED may be used as interior lights also.
- Five year HDP® Heavy-Duty Professional warranty.



Model No.	Lamp Type	Tech-nology	Mount	Color	VDC	Amps	Patterns	Cable	Certifi-cation	Lighthouse Size
M6BUW	M6 Series	Super-LED	surface mount	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
50C00WCR	500 Series	LED	mounting required			.35				1-5/8" (41mm) H x 1-3/4" (44mm) D x 5" (127mm) L
40C00VCR	400 Series					.35				3-3/16" (77mm) H x 2-3/4" (69mm) D x 4-15/16" (124mm) L
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				

Super-LED		LED				Option Description
M6	M9	400	500	600	700	
M6FC	M9FC	4FLANGE	5FLANGE	6FLANGE	7FLANGE	Chrome plated flange
M6FB	M9FB	4FLANGEB	5FLANGEB	6FLANGEB	7FLANGEB	Black flange
M6BRUSH	M9BRUSH	-	5BRUSH	-	-	Brush guard
-	-	-	5FLANGEP	-	-	Polished aluminum flange
-	-	-	-	-	-	Grommet mount kit
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 lighthouse cast aluminum housing, horizontal
-	-	-	-	CAST3	7CAST3	Three lighthouse cast aluminum housing, vertical
-	-	-	-	CAST4V	-	Four lighthouse cast aluminum housing, vertical
M6FC600	M9FC900	-	-	-	-	Chrome flange converts to hundred series lighthouse

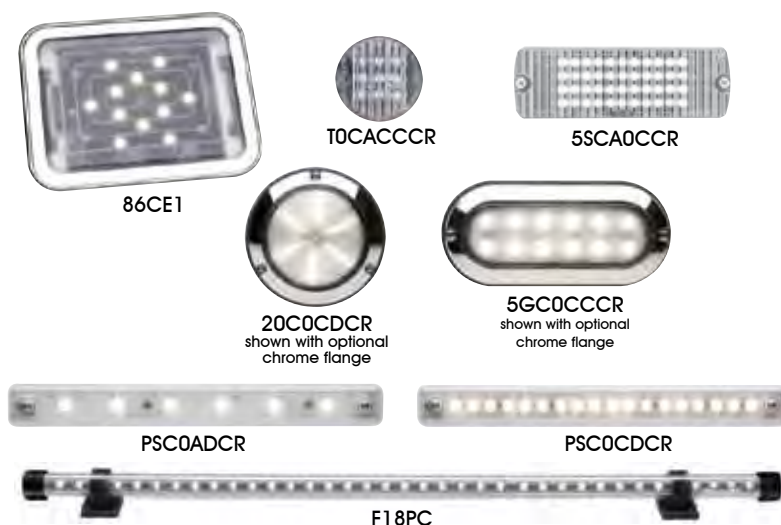


Lightheads - White Illumination

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.
- Five year HDP® Heavy-Duty Professional warranty.



Model No.	Lamp Type	Tech- nology	Mount	VDC	Amps	Cable	Lighthead Size	
86CE1	rectangular interior dome	Super-LED	requires cut-out, includes flange	12	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		6" pigtail includes Deutsch® connector	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	4" (102mm) Dia.		
20C0CDCD								
5GC0CCCR	5G Series compartment	Super-LED	Includes Black grommet, requires optional mounting		.525	6" pigtail	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			.06		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 No.	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 No.	Series	Option Description
5GFLANGC	5G	Surface mount Chrome plated flange kit
5GFLANGB		Surface mount Black flange kit
PSBKT451	Strip-Lite	45° stainless steel bracket



Lightheads - White & Color Illumination

WHELEN

Super-LED® & LED Round Interior Lighting

- 3" Round Red, Red/White and Blue/White for better nighttime vision and includes independent control of color and White light.
- 6" Round extreme low profile surface mount, is certified for NFPA 1901 and NFPA 1917 primary or alternative spec when properly configured, and available in 24 volt models.
- 700 Series has illuminated switches.
- 8" Round has high lumen output of 1,000/Hi and 80/Low. It simulates natural light at midday for truer flesh tones. Certified to meet KKK-1822F requirements when properly installed.
- Five year HDP® Heavy-Duty Professional warranty.



Model No.	Lamp Type	Tech- nology	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.
3SROCDRR		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" pigtail	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	6" pigtail	8-5/8" (218mm) Dia. x 1" (24mm) D
80C00EZR		18 diode, White	fits 8" cutout with spring clip mounting, no mounting hardware required	White flange					
8WC00EZR									
80CBEHCR		6 White diodes 3 Blue diodes	4 screws	Chrome flange		1.5/White .50/color			
80CREHCR		6 White diodes 3 Red diodes							

Model No.	3" Round Options
3FLANGEC	Chrome plated flange, surface mount
3GROMMET	Grommet mount



Lightheads - Miscellaneous Lighting

WHELEN

Warning, Illumination, Marker/Clearance, Tank Light & PAR Replacement Lamps

- Micron™ Series warning light has synchronize feature.
- OS™ Series with Chrome housing. 45° angle for illuminating step surfaces and areas needing angled lighting.
- OS Series marker/clearance has Clear lens.
- 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 are reverse polarity protected, have heavy-duty heatsink, and industry standard brass slotted head connection point.
- Five year HDP® Heavy-Duty Professional warranty.



OAC0EDCR



OSC0EDCR



TOA00MAR



OSR00MCR



OSA00MCR



TOR00MRR



PSTANK



MCRNSR



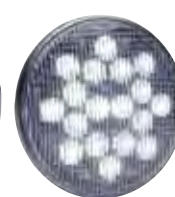
PELCC



P46SLC



P46FLC



P46WLC



P36SLC

Model No.	Lamp Type	Technology	Mount	Color	Housing Color	VDC	Amps	Patterns	Cable	Lighthead Size				
MCRNS*	Micron Series	Super-LED® warning	surface	R,A,B,W	Black	12	0.6	25 Scan-Lock™	6" pigtail	7/8" (23mm) H x 7/8" (23mm) D x 4" (102mm) L				
MCRNSC*				Chrome	0.3					steady	1" (25mm) H x 1/2" (13mm) D x 1-1/2" (38mm) L			
OSC0EDCR	W	1" (25mm) H x 7/8" (21mm) D x 1-7/8" (48mm) L												
OAC0EDCR			45° angle surface				1" (25mm) H x 1/2" (13mm) D x 1-1/2" (38mm) L							
OSA00MCR	OS Series marker or clearance	surface	A					-			0.8/max 0.5/avg	2" (51mm) Dia.		
OSR00MCR			R	1-3/8" (35mm) H x 11-1/2" (292mm) L										
TOA00MAR	2" Round marker or clearance	surface	A		0.45/max		1" (25mm) H x 1-3/8" (35mm) D x 11-1/2" 292mm) L							
TOR00MRR			R							5-5/8" (144mm) Dia x 2-11/16" (69mm) D				
PSTANK	Strip-Lite™ fluid indicator	1000 lumen Super-LED illumination	surface	W	Chrome			24			.37	5-5/8" (144mm) Dia x 1-13/16" (46mm) D		
PELCC	PEL Series downward projecting ground perimeter lighting				Black	12				1.9			4-1/2" (111mm) Dia. x 2" (51mm) D	
PELCB					Chrome		12/24							0.85 @ 12 VDC 0.325 @ 24 VDC
PELCC4					Black									
PELCB4														
P46SLC	PAR-46	2° Spotlight	drop-in replacement for outdated halogen spotlight lamps	W	Black powder coated die-cast aluminum heatsink	12	23	steady	6" pigtail	5-5/8" (144mm) Dia x 2-11/16" (69mm) D				
P46FLC		8° Spotlight					12/24			0.85 @ 12 VDC 0.325 @ 24 VDC	5-5/8" (144mm) Dia x 1-13/16" (46mm) D			
P46WLC		20° high x 60° wide Floodlight												
P36SLC	PAR-36	2° Spotlight												

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

Model No.	2" Round Option Description
TGROM2	Rubber grommet mount
TFLANGEC	Surface mount flange, Chrome
TFLANGEB	Surface mount flange, Black



TGROM2



TFLANGEC



TFLANGEB

LED & Super-LED® Scenelight

- 500 Series LED requires mounting option, purchased separately.
- Super-LED surface mounts, and are instant on with no warm-up time.
- 900 Series Super-LED are certified to meet KKK 1822-F requirements and AMD 024 Standard.
- Five year HDP® Heavy-Duty Professional warranty.



Model No.	Lamp Type	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Lighthead Size
50C000ZR	500 Series	LED	requires optional mounting	W	12	.300	steady	6" pigtail	4-1/8" (105mm) H x 6-1/2" (165mm) L
6SCOENZR	600 Series	Super-LED	surface			1			4-1/8" (105mm) H x 6-1/2" (165mm) L
60C0ELZR			recess			2			3-1/16" (78mm) H x 7-1/4" (184mm) L
70C0ELZR	700 Series					6			7-1/8" (181mm) H x 9-1/8" (232mm) L
9SCOENZR	900 Series		surface, includes Chrome flange			2			4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D
M6ZC	M6 Series		surface			2.25/peak .9/avg			3-3/8" (86mm) H x 7-5/8" (194mm) W x 1-3/8" (35mm) D
M7ZC	M7 Series					6			6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D
M9LZC	M9 Series		surface, includes Chrome flange						

Option Model Number							Option Description
LED	Super-LED						
500	M6	M7	M9	600	700	900	
5FLANGEC	M6FC	M7FC	M9FC	6EFLANGE	7EFLANGE	90FLANGC	Chrome plated flange
5FLANGEB	M6FB	M7FB	M9FB	6FLANGEB	7FLANGEB	90FLANGB	Black flange
5GROMMET	-	-	-	-	-	-	Grommet mount kit



Providing the finest, certified lighting for our customers is a priority at Whelen Engineering. As we are constantly upgrading and testing our products, it is impossible to print a document with all of the current information. Many of the lightheads shown in this catalog are certified but do not show that letter key at this time. Our customer service representatives will be happy to answer any questions you have on the current status of any lighthouse and provide the proper documentation if needed.

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

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



Available Pioneer™ Series Work Lights

WHELEN

Pioneer Nano™

- Smallest lighthead in the Pioneer line. 8° spotlight includes additional 40° x 20° floodlight lenses.



Pioneer Micro™

- Mid-size 8° spotlight, includes 3 additional lenses for a choice of floodlighting with lots of mounting options.



Pioneer SlimLine™

- Single, dual and, 12 or 24 VDC models fit many applications. 8° spotlight includes additional 40° x 20° floodlight or combination lenses.



Pioneer Surface Mount

- Combination spot/floodlight eliminates cut-out holes.



Pioneer & Pioneer Plus™

- Single 2° and 8° Spotlights, dual panel floodlights, combination floodlights and 8° spotlights. 12, 24 and 120 VAC models. Wide range of mounting options.



Pioneer Max™

- Large combination dual Pioneer Plus upper and dual 8° spotlights lower.



Pioneer Quad™

- Largest and brightest lighthead in the Pioneer line. 120 VAC. Spotlight and combination spot/floodlight models.



Request Whelen's Pioneer Series Catalog...

to get an in-depth look at some of our most exciting and powerful work lights. All rugged die cast powder coated aluminum, solid-state electronics with instant-on with no ramp-up time. Five year HDP® Heavy-Duty Professional warranty.



Pioneer Mounting Options

- A wide variety of mounting options: bail pedestal/pole, semi-recessed mounts, brow mounting, pedestal/swivel mounts, light-bar mounts, side pole assemblies with top mount, bottom mount and thru mount, folding tripods and ground tripods.

WHELEN®

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