

NEW SurfaceMax™ Series

- SAE Class 1 Certified
- Super-LED® with full-fill optic
- Easy to install patented mounting technology snaps into place and provides a clean look
- Meets SAE certifications
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- 100% solid-state electronics
- Rated IP67 for dust and water resistance
- Hi/Low power
- Optional Chrome or Black flange
- Lack of metallic fasteners prevent galvanic corrosion, preventing paint defects
- Fits existing mounting footprint of Hundred Series lightheads (backwards compatible to existing mounts)
- Five year warranty



C9LAC with C9FC



C6LAC with C6FC



C7LAC with C7FB

For **NEW** SurfaceMax Brake/Tail/Turn lights and Turn Signals, see pages 46 and 47

Model	Optics	Mount	Color	Lens	VDC	Amps	Patterns	Cable	Size		
C9L*	Super-LED	Surface	A, W	Color	12	2.5/peak 1.0/avg	139	6" Pigtail	8.125" (206mm) H x 10.125" (257mm) W x 1.563" (40mm) D		
C9L*C				Clear			Requires optional flasher				
C9*S				Color							
C9*SC				Clear							
C7L*				Color		1.25/peak 0.5/avg	75 Scan-Lock™		4.063" (103mm) H x 8.125" (206mm) W x 1.563" (40mm) D		
C7L*C				Clear			Requires optional flasher				
C7*S				Color							
C7*SC				Clear							
C6L*				Color		1.3/peak 0.52/avg	75 Scan-Lock		5.125" (130mm) H x 8.313" (210mm) W x 1.563" (40mm) D		
C6L*C				Clear			Requires optional flasher				
C6*S				Color							
C6*SC				Clear							

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



Model			Option Description
C9	C7	C6	
C9FB	C7FB	C6FB	Black flange kit
C9FC	C7FC	C6FC	Chrome plated flange kit

V23, M2, & M4 Series

- SAE Class 1 Certified
- Available with a patented Linear-LED® designed reflector assembly
- 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
- M4 models available in 24 Volt, contact factory
- Five year warranty



Model	Optic	Technology	Color	Lens	VDC	Flasher	Patterns	Amps	Size
V23*TPB	V-Series™ (in-cludes Black flange)	Super-LED®	A, 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	2.688 " (68mm) H x 4.25" (109mm) W x 1.50" (38mm) D
V23*TPC	V-Series (includes Chrome flange)								
M2*	Directional		A, W	Color			25 Scan-Lock including steady-burn	1/peak 0.45/avg	2.50" (64mm) H x 4" (102mm) W x 1" (25mm) D
M2*C				Clear					
M2F			Split A/W	Clear			26 Scan-Lock including steady-burn		
M2W*	Wide-angle		A, W	Color			125 Scan-Lock	1.5/peak 0.6/avg	3.375" (86mm) H x 5.50" (138mm) W x 1.375" (35mm) D
M2W*C				Clear					
M4*	Directional		A, W	Color		Requires flasher (Purchased separately)	-		
M4*C				Clear					
M4F			Split A/W	Clear					
M4*S			A, W	Color					
M4*CS									
M4V2*	V-Series		A, W warning with W illumination	Clear		Built-in	25 Scan-Lock	Warning 1.0/peak 0.40/ avg, Perimeter 0.77	3.375" (86mm) H x 5.50" (138mm) W x 1.845" (47mm) D

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



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	-	Fog light mount for 2015-2018 Chevy Tahoe, pair, Black
-	-	M4FF15B	-	Fog light mount, stainless steel, for 2015-2018 Ford F-150, pair, Black
V23P20B	-	-	-	Angled surface mount, Black
V23P20C	-	-	-	Angled surface mount, Chrome
-	-	M4TM15B	-	Mirror mount, Ford Transit 2015-2018, pair, Black
-	-	M4TB15B	-	Front lower side mount, Ford Transit 2015-2018, pair, Black



M6 & M7 Series

- SAE Class 1 Certified
- Front and rear pods hold M6 lightheads for the Ford Transit Medium or High roof
- Available in warning and warning with perimeter lighting
- Split models available
- Patented Linear-LED® designed reflector assembly
- Hard-coated lenses minimize environmental damage from the 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
- Includes California Title XIII compliant flash patterns
- Five-year warranty



Model	Optics	LED Color	Colors	Lens	VDC	Flasher	Patterns	Amps	Lighthead Size	
M6*	Directional	Single color	A, W	Color	12	Built-in	159 Scan-Lock™	2.25/peak 0.9/avg	4.313" (109mm) Hx 6.75" (170mm) Wx 1.375" (35mm) D	
M6*C				Clear			64 Scan-Lock			
M6F		Split color	A/W	Clear		Requires flasher purchased separately	-			
M6*S		Single color	A, W	Color			Built-in	Warning has 25 Scan-Lock	Warning 1.5/peak 0.60/avg perimeter 0.77	4.313" (109mm) Hx 6.75" (170mm) Wx 2.25" (57mm) D
M6*CS				Clear		Clear for warn- ing, Clear for illumination				
M6V2*	Combination warning and perimeter illumination	Single color warning, White illumination		Clear		Built-in	Warning has 25 Scan-Lock	Warning 1.5/peak 0.60/avg perimeter 0.77	4.313" (109mm) Hx 6.75" (170mm) Wx 2.25" (57mm) D	
M6V2*C				Clear						Color
M7*	Directional	Single color		A, W		Color	Built-in	159 Scan-Lock	2.25/peak 0.9/avg	3.375" (86mm) H x 7.625" (194mm) Wx 1.375" (35mm) D
M7*C						Clear		64 Scan-Lock		
M7F		Split color	A/W	Clear		Requires flasher purchased separately	-			
M7*S		Single color	A, W	Color						
M7*CS				Clear						

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



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 and 700 Series style lightheads
M6P15C	-	-	Chrome 15° angled surface mount housing
M6P15B	-	-	Black 15° angled surface mount housing
-	-	M7BKT1	Universal bracket for one lighthead
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)
M6PTM5F	-	-	Front light pod for 8 M6 lightheads, Medium roof, Ford Transit 2015-2018
M6PTHSF	-	-	Front light pod for 8 M6 lightheads, High roof, Ford Transit 2015-2018
-	M6PT5R	-	Rear light pod for 6 M6 lightheads, Medium or High roof, Ford Transit 2015-2017



M9 Series

- SAE Class 1 Certified
- DUO™ models feature independent control of color one and color two
- 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
- Includes California Title XIII compliant flash patterns
- Five year warranty



Model	Optics	Technology	Colors	Lens	VDC	Flasher	Patterns	Amps	Size		
M9*	Directional	Single color	A, W	Color	12	Built-in	159 Scan-Lock™	3/peak 1.2/avg	6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D		
M9*C				Clear			64 Scan-Lock				
M9F		Split color	A/W	Clear			Requires flasher purchased separately			-	
M9*S		Single color	A, W	Color							
M9*CS				Clear							
M92F	DUO	Two color	A/W	Clear			33 Scan-Lock	2.4/peak 0.96/avg			
M9*CZ	Combo	Color warning and scenelight	A/W	Clear				Warning 1.58 Scenelight 1.53			
M9V2*	V-Series™ (includes Chrome flange)	Single color warning, White illumination	A, W	Color for warning, Clear for illumination			Built-in	25 Scan-Lock		Warning 2.4/peak 0.96/avg scenelight 2.4 amps	6.50" (165mm) H x 10.375" (263mm) W x 2.625" (66mm) D
M9V2*C				Clear							

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



Model		Option Description
M9	M9V2	
M9FC	-	Chrome plated flange
M9FB	M9FB	Black flange
M9BRUSH	-	Black brush guard
M9FC900	M9FC900	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 2015-2018 Ford Transit Medium roof
M9HTM5RC		Chrome-plated housings, sold in pairs for rear driver and passenger side of the 2015-2018 Ford Transit Medium roof
M9HTH5FC		Chrome-plated housings, sold in pairs for front driver and passenger side of the 2015-2018 Ford Transit High roof
M9HTH5RC		Chrome-plated housings, sold in pairs for rear driver and passenger side of the 2015-2018 Ford Transit High roof



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
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Synchronize to other Whelen sync products
- Clear outer lens, color LEDs
- 24 Volt models available, contact factory
- Five year warranty



Model	Optics	Technology	Mount	Color	VDC	Patterns	Amps	Cable	Size
VTX609*	Single color	Super-LED®	1" Hole recess or Surface (Mounting Purchased separately)	A, W	12	25 Scan-Lock™	0.750/ peak 0.30/avg	9'	1" (26mm) H x 1.625" (41mm) Dia.
VTX609#	Split color								
VTXD609*	Single color/side emitting shield								
VTXD609#	Split color/side emitting shield		1" Hole recess						
VTX3609*	Single color/360° side emitter								
VTX3609#	Split color/360° side emitter								
VHB609*	Single color Omni-directional		Surface	A/W, A/B					
VHB609#	Split color Omni-directional								

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



Model	Option Description
VTXFC	Chrome plated flange
VTXFB	Black flange



Micron™ Series

- SAE Class 1 Certified
- Stud mount Micron allows for 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
- Five year warranty



Model	Optics	Technology	Mount	Color	Housing	VDC	Amps	Patterns	Cable	Size
MCRNS*	Single color	Super-LED	Surface	A, W	Black	12	0.6	25 Scan-Lock	6” Pigtail	0.875” (23mm) H x 4” (102mm) W x 0.875” (23mm) D
MCRNSC*					Chrome					
MSRNS#	Split color			A/W, A/B	Black					
MSRNSC#					Chrome					
MCRNT*	Single color		Stud	A, W	Silver					
MCRNT#	Split color			A/W, A/B						

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



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



0S™ Series

- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Steady-burn requires remote flasher
- Clear outer lens, color LEDs
- Five year warranty



0SA00FCR

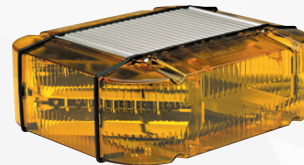
Model	Optics	Technology	Mount	Color	VDC	Patterns	Amps	Cable	Size
0S*00FCR	Directional	LED	Surface (includes Chrome flange)	A W	12	Single flash	60mA/peak 30mA/avg	6" Pigtail	1" (25mm) H x 1.50" (48mm) W x 0.5" (13mm) D
0S*00SCR						Steady	30mA		

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



Micro Freedom™

- SmartLED® design requires no external flasher
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Heavy-duty extruded aluminum frame, designed to be used in pairs
- Optional cable lengths available, contact factory
- Five year warranty



MCFLED2A

Model	Optics	Technology	Mount	Color	Lens	VDC	Patterns	Amps	Cable	Size
MCFLED2A	Directional	Super-LED®	Includes bolt	A	Amber	12	75 SignalAlert™ per light module	3.2mA	12" Pigtail	3.75" (95mm) H x 8" (203mm) W x 10" (254mm) D

Model	Option Description
W441DIN	Deutsch® waterproof connector (3 pins) installed on cable
W442DIN	Deutsch waterproof connector (3 sockets) installed on lighthead

2G & 5G Series

- SmartLED® design requires no external flasher
- Fits all applicable industry mounting accessories
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Optional flange available for surface mounting
- Five year warranty



2GA00FAR



5GA00FAR

Model	Optics	Technology	Mount	Color	Lens	VDC	Patterns	Amps	Cable	Size (with grommet)
2GA00FAR	Directional	LED	Recess mount (includes vinyl grommet)	A	Amber	12	15 Scan-Lock™ patterns	300mA/avg 500mA/peak	12" Pigtail	5.50" (140mm) Dia. x 1.25" (31mm) D
2GA00FCR					Clear					
5GA00FAR					Amber					3.188" (81mm) H x 7.438" (189mm) W x 1.25" (32mm) D
5GA00FCR					Clear					

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



2GFLANGC



2GFLANGB



2GBKT1



5GFLANGC



5GFLANGB



5GBKT1

3" Round

- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Ultra thin at only 7/16" (12mm) depth
- Five year warranty



3SA00FAR

Model	Optics	Technology	Mount	Color	VDC	Amps in mA	Patterns	Cable	Size
3S*00F*R	Directional	LED	Surface mount	A, W	12	0.50/peak 0.25/avg	160 FPM	6" Pigtail	3" (76mm) Dia.

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



Model	Option Description
3FLANGEC	Chrome plated flange
3GROMMET	Rubber grommet kit



3GROMMET



3FLANGEC

4" Round Series

- SAE Class 1 Certified
- Synchronize to other Whelen sync products
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Supplied with adapter for PAR-36 (4.50") applications
- Five year warranty

Flat Lens

- TIR6™ Super-LED®

Extended Lens

- LINZ6™ Super-LED
- Optional flasher simultaneously flashes or alternates multiple LED lightheads



2FA00ZAR, TIR6, Flat Lens



2EA00ZCR, LINZ6, Extended Lens



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Encapsulated	Cable	Size
2F*00Z*R	Flat lens	TIR6 Super-LED	Surface	A, W	12	0.8/max .32/avg	25 Scan-Lock™	Yes	6" Pigtail	4.25" (108mm) Dia. x 1.188" D
2E*00Z*R	Extended lens	LINZ6 Super-LED	Requires optional mounting	A, W		2/peak 0.9 avg	25 Scan-Lock			4.25" (108mm) Dia. x 2" D

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



Model	Option 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

ION™ T-Series™ & Mini T-Series

- Linear Super-LED® optics
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Synchronize to other Whelen sync products
- Rated IP67 for dust and water resistance
- Easily surface mounts with two screws
- Includes Black flange
- Five year warranty

ION T-Series

- **SAE Class 1 Certified**
- Available in SOLO™ or DUO™ models
- DUO models feature independent control of color one and color two
- SOLO models available in single or split colors
- Available with SAE Class 1 Certified Smoked lenses

ION Mini T-Series

- **SAE Class 1 Certified (single color only)**



Model	Series	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size	
TLI*	T-Series	SOLO	Linear Super-LED®	Surface	A, W	12	0.6/peak 0.24/avg	25 Scan-Lock™	4 Wire 6" Pigtail	1.5" (38mm) H x 5.14 (127mm) W x 0.5" (13mm) D	
TLI#		SOLO			A/W, A/B			69 Scan-Lock			
TLI2#		DUO									
TLMi*	Mini T-Series	SOLO			A, W	0.4/peak 0.16/avg	25 Scan-Lock	1.5" (38mm) H x 3.375" (85mm) W x 0.5" (13mm) D			
TLMi2#		DUO			A/W, A/B		0.2/peak 0.08/avg per color			69 Scan-Lock	

Replace * symbol in model number with letter indicating color desired: A=Amber, C=White
 Replace # in model number with interleaved color desired: F=Amber/White, M=Blue/Amber



Model	Option Description
TIONFC	Chrome plated flange
TIONBKT1	"L" mounting bracket
TIONBKT2	License plate bracket for 2 lights
TIONBKT3	"L" mounting bracket for 2 lights
TIONBKT4	Universal over/under "L" mounting bracket for 2 lights

Model	Option Description
TIONMFC	Mini T-Series Chrome flange
TIONMBK1	Mini T-Series license plate bracket, vertical mount
TIONMBK2	Mini T-Series license plate bracket, horizontal mount
TIONMLB	Universal adjustable license plate bracket for two ION Mini T-Series lighthouse, vertical mount
TIONMLC	Universal swivel license plate bracket for two ION Mini T-Series lighthouse, horizontal mount



ION™ Series

- SAE Class 1 Certified
- Hard-coated lenses minimize environmental damage from the sun, salt and road chemicals
- Surface mount includes flange
- Synchronize to other Whelen sync products
- Five year warranty

ION & WION

- ION models feature TIR directional optic
- WION models feature wide-angle optic
- Available in single or split colors
- Includes steady-burn, alternating, and simultaneous patterns

ION DUO™ & TRIO™

- 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 and color three. Color three has steady-burn override



WIONA



WIONSMA

I2F **DUO**I3MC **TRIO**

Model	Optics	Technology	Mount	Color	Housing	VDC	Amps	Patterns	Cable	Size
ION*	Directional	Linear Super-LED®	Universal	A, W	Black	12	1/peak 0.40/avg	25 Scan-Lock™	6” Pigtail	Universal mount: 1” (25mm) H x 4” (101mm) W x 1.25” (32mm) D Surface mount: 1.688” (43mm) H x 6” (150mm) W x 1.125” (28mm) D
ION#				A/W, B/A						
WION*	Wide-angle			A, W						
WION#				A/W, B/A						
IONSM*	Directional		Surface	A, W	Chrome					
IONSMC*				A/W, B/A	Black					
IONSM#				A, W	Chrome					
IONSMC#				A/W, B/A	Black					
WIONSM*	Wide-angle			A, W	Chrome					
WIONSMC*				A/W, B/A	Black					
WIONSM#				A/W, B/A	Chrome					
WIONSMC#				A/W, B/A	Chrome					
I2#	DUO		Universal	B/W, A/W, B/A	Black		1/peak 0.40/avg per color	64		
12SM#			Surface							
I3MC	TRIO		Universal	B/A/W with W override				25		
I3SMC			Surface							

Replace symbol* in model number with letter indicating color desired: A=Amber, C=White
 Replace symbol# in model number with letter indicating split or DUO color desired: E=Blue/White, F=Amber/White, M=Blue/Amber



Model	Option Description
IONK1B	Swivel mount bracket, Black
IONGROM	Grommet mount kit
IONPEDB	Pedestal mount, Black

Model	Option Description
IONBKT1	License plate bracket for 2 lights
IONBKT5	Universal mount, reversed, remove screws without removing light
IONBKT6	Rear hatch bracket, 2015-2018 Chevy Tahoe for 2 lights
IONBKT7	Grille mount bracket, 2015-2018 Chevy Tahoe for 2 lights



IONK1B



IONGROM



IONPEDB



IONBKT1



IONBKT5



IONBKT6



IONBKT7

ION™ V-Series™

- SAE Class 1 Certified
- 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 housing
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Synchronize to other Whelen sync products
- Five year warranty



IONV3A



IONSV3A

Model	Optics	Technology	Mount	Colors	Housing	VDC	Amps	Patterns	Cable	Size
IONV3*	V-Series	Linear Super-LED®	Universal	A, W warning with W illumination	Black	12	Warning 0.76, Alley 0.31, Puddle 0.12	25 Scan- Lock™	6" Pigtail	1" (25mm) H x 4.063" (104mm) W x 2.188" (56mm) D
IONV3*W					White					1.688" (43mm) H x 6" (150mm) W x 2" (50mm) D
IONSV3*			Surface, includes flange		Black					
IONSV3*W					White					
IONSV3*C					Chrome					
IONV1*	V-Series with directional lighting	Linear and TIR Super-LED	Universal	A, W	Black	1.147			1" (25mm) H x 4.063" (104mm) W x 2.188" (56mm) D	
IONV1*W					White				1.688" (43mm) H x 6" (150mm) W x 2" (50mm) D	
IONSV1*			Surface, includes flange		Black					
IONSV1*W					White					
IONSV1*C					Chrome					

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



Model	Option Description
IONK1B	Swivel mount bracket, Black
IONGROM	Grommet mount kit
IONPEDB	Black pedestal mount

Model	Option Description
IONBKT1	License plate bracket for 2 lights
IONBKT5	Universal mount, reversed, remove screws without removing light
IONBKT6	Rear hatch bracket, 2015-2018 Chevy Tahoe for 2 lights
IONBKT7	Grille mount bracket, 2015-2018 Chevy Tahoe for 2 lights



IONK1B



IONGROM



IONPEDB



IONBKT1



IONBKT5



IONBKT6



IONBKT7

NOTE: For Chrome or White housings, contact factory for price, availability and minimum order requirements

TIR3™, LIN3™, LINZ6™, & LINV2™

- SAE Class 1 Certified
- 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)
- LINV2 offers combination 180° warning and puddle light with Scan-Lock™ warning flash patterns
- Five year warranty



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Encapsulated	Cable	Size		
RS*03ZCR	Directional	TIR3 Super-LED®	Horizontal surface	A, W	12	0.40/ peak, 0.16/avg	25 Scan-Lock	Yes	6” Pigtail	1.125” (28mm) H x 3.50” (89mm) W x 1.25” (32mm) D		
RV*03ZCR			Vertical surface									
RS*02ZCR		LIN3 Super-LED	Horizontal, surface			0.75/ peak, 0.30/avg	69 Scan-Lock			2” (48mm) H x 4” (102mm) W x 1.625” (40mm) D		
LINZ6*		LINZ6 Super-LED										
LINZ6F	Split Directional	Split LINZ6 Super-LED		A/W		25 Scan-Lock	1.50” (40mm) H x 3.845” (98mm) W x 1.625” (42mm) D					
LINZ61			Split A/A									
LINV2*	Combination warning and puddle light	LINV2 Super-LED	Horizontal, surface	A, W		0.75/ warning, 0.12/ puddle	25 Scan-Lock					1.125” (28mm) H x 2.845” (73mm) W x 2.813” (71mm) D
LINSV2*			Under surface mounting									

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



Model	Series	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
RBKT1		Mounting bracket for one light
RBKT2		Mounting bracket for two lights
LSVBKT13	LINSV2	Under-the-side view mirror bracket, pair Chevy Tahoe/Suburban, 2015-2018
LSVBKT45		Under-the-side view mirror bracket, pair Chevy Tahoe/Suburban, 2015-2018
LSVBKT44		Under-the-side view mirror bracket, pair Dodge Durango, 2013-2018
LSVBKT42		Under-the-side view mirror bracket, pair, Dodge Ram 1500, 2011-2018
LSVBKT47		Under-the-side view mirror bracket, pair, Ford F-150, 2015-2018

Model	Series	Option Description
RBKT6	TIR3 LIN3 LINZ6 LINV2	License plate bracket for 2 lights-horizontal
RBKT7		License plate bracket for 2 lights-vertical
RBKT14		Above rear taillight bracket, Chevy Silverado/GMC 1500, 2014-2018
RBKT17		Above rear taillight bracket, Dodge Ram, 2014-2017
RBKT18		Above rear taillight bracket, Ford F-150, 2015-2018
RBKT19		Below rear taillight bracket, Ford F-150, 2015-2018
RBKT4	TIR3 LIN3 LINV2	Swivel mounting bracket for one lighthead
LINZ6FC	LINZ6	Deep Chrome plated flange kit
L6BKT5		Under side view mirror bracket



400 Series

- SAE Class 1 Certified
- 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
- Dual level requires LED flasher and optional mounting, purchased separately (not to be used as steady-burn light)
- Five year warranty



40A02ZCR



40AA5SCR



4V3A

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size
40**5SCR	Dual level	Linear Super-LED®	Requires optional mounting	A, W	12	1.8/peak 0.72/avg	Requires optional flasher	6" Pigtail	3.188" (77mm) H x 4.938" (124mm) W x 2" (50mm) D
40*02Z*R	Single level					0.90/peak 0.36/avg	25 Scan-Lock		3.188" (77mm) H x 4.938" (124mm) W x 1.375" (34mm) D
4V3*	Warning, alley/flood & puddle light	3-in-1 Super-LED lighting	Surface	A, W warning, steady W for alley and puddle		1.2 warning 0.40 alley 0.12 puddle	Warning has 25 Scan-Lock patterns		3.063" (77mm) H x 4.938" (124mm) W x 2.75" (69mm) D

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

Note: First * or ** is for LED color, last * is for 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



4EGRILB



4EGRILP



4ILKT1

500 Series

• SAE Class 1 Certified

- 500 V-Series™ features 3-in-1 warning, alley/flood and White ground illumination puddle light
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Single color combination 180° and TIR directional warning light
- Solid color available with Clear or color lens
- V-Series and split color lights have Clear lens
- Grommet mount rear waste truck light includes grommet and connector, for use in a light array of seven
- Vertical cab mount light includes Chrome flange (use one per side)
- Five year warranty



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size
50*02Z*R	Single color, horizontal mount	Linear Super-LED®	Requires optional mounting	A, W	12	1.0/peak 0.40/avg	25 Scan-Lock™	6” Pigtail	1.625” (41mm) H x 5” (127mm) W x 1.75” (44mm) D (lighthouse only))
50**2ZCR	Split color, horizontal mount			A/A, A/B, A/W, W/W		0.50/peak 0.20/avg per side			
5V*02Z*R	Single color, vertical mount			A, W		1.0/peak 0.40/avg			
50AA2SA2	Single color, vertical mount for truck cab		Includes Chrome flange	A					
50A02SA1	Single color, horizontal mount for rear of waste truck		Includes grommet & connector	A		1.625” (41mm) H x 5” (127mm) W x 1.375” (35mm) D			
50*03Z*R	Single color, horizontal mount	TIR6™ Super-LED		A, W	0.63/peak 0.315/avg				
50**3ZCR	Split color, horizontal mount			A/A, A/B, A/W, W/W	0.315/peak 0.125/avg per side				
5V1*	Single color, horizontal mount	V-Series & TIR Super-LED	Requires optional mounting	A, W		1.5/peak 0.6/avg			2.125” (54mm) H x 5.375” (137mm) W x 1.625” (42mm) D
5V3*	Warning, alley/flood & puddle light, horizontal mount	V-Series Super-LED		A, W warn- ing, steady W for alley and puddle		0.12 warning 1.0 alley light 0.5 puddle			

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

Model	Option Description
5TSMAC	Chrome plated surface mount adapter, TIR6 Super-LED only
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
5BKT1	Universal mounting bracket for Super-LED



600 Series

- SAE Class 1 Certified
- 600 Series Rota-Beam™ features “rotating” technology, simulating the appearance of a rotating lighthouse without any moving parts or motors for long-life reliability
- 100% solid-state electronics
- 180° horizontal light output
- Clear or color lens
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Integrate with other Whelen Rota-Beam products through synchronize feature
- Five year warranty



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size
6RB*	Oscillating	Rota-Beam Super-LED	Surface	A, W Color lens	12	2.2/peak, 1.1/avg	14 Scan-Lock™	6" Pigtail	4.188" (106mm) H x 6.563" (167mm) W x 3.438" (88mm) D
6RB*C				A, W Clear lens					

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



Model	Option Description
6FLANGEB	Black flange kit
6EFLANGE	Chrome plated flange kit
64FKIT	Kit to convert 600 Series to fit in old style 64 Series hole cutouts



Strip-Lite™

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



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size
PS*00F*R	Directional	LED	Surface	A, W	12	0.675/ max 0.27/avg	14 Scan-Lock, includes steady-burn	6" Pigtail	1" (25mm) H x 11.50" (292mm) W x 1.375" (35mm) D

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



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



Brake/Tail/Turn Lights

- **NEW** SurfaceMax™ Series Super-LED® with all-new patented mounting technology
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty



Model	Optics	Technology	Mount	Color	Lens	VDC	Amps	Cable	Size				
20R00XRR	4" Round	LED	Requires optional mounting	R	R	12	0.4/high 0.4/low	6" Pigtail	4.25" (108mm) Dia.				
M6BTT	M6 Series		Surface				0.85/brake 0.06/tail		4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D				
M9BTTX	M9 Series						0.75/brake 0.55/tail		6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D				
40BTT	400 Series						0.375/brake 0.040/tail		3.188" (77mm) H x 4.938" (124mm) W x 2.75" (69mm) D				
NEW C6BTT	C6 Series	SurfaceMax Super-LED	Surface				R		C	0.40/brake 0.050/tail	5.125" (130mm) H x 8.313" (210mm) W x 1.563" (40mm) D		
NEW C6BTTC										C7 Series	0.80/brake 0.050/tail	4.063" (103mm) H x 8.125" (206mm) W x 1.563" (40mm) D	
NEW C7BTT	C9 Series										R	0.350/brake 0.040/tail	8.125" (206mm) H x 10.125" (257mm) W x 1.563" (40mm) D
NEW C7BBTC										C			
NEW C9BTT	Strip-Lite™									LED	R	0.5 high/0.05 low	1" (25mm) H x 11.50" (292mm) W x 1.375" (35mm) D
NEW C9BBTC											C		
PSR00XRR	Strip-Lite™	LED								R/A	C	0.225 turn/150mA brake/40mA turn	
PSRASXCR		LED with turn											



Model									Option Description
4" Round	M6	M7	M9	400	C6	C7	C9	Strip-Lite	
2FLANGEC	M6FC	M7FC	M9FC	4EFLANGE	C6FC	C7FC	C9FC	-	Chrome plated flange
2FLANGEB	M6FB	M7FB	M9FB	4FLANGEB	C6FB	C7FB	C9FB	-	Black flange
-	M6BRUSH	M7BRUSH	M9BRUSH	-	-	-	-	PSBKT1	Brush guard
2GBKT1	-	-	-	-	-	-	-	-	"L" bracket
2GROMMET	-	-	-	-	-	-	-	-	Grommet mount kit
-	M6FCV2	-	-	-	-	-	-	-	Chrome flange, 2 lamp, vertical
-	M6FCV3	-	-	-	PLASC3V	-	-	-	Chrome flange, 3 lamps, vertical
-	M6FCV4	-	-	-	PLASC4V	-	-	-	Chrome flange, 4 lamps, vertical
	M6FC600		M9FC900						Chrome flange converts to 600 or 900 Series lighthouse
LEDLOAD									Adds additional amperage load



Turn Signals

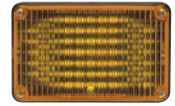
- **NEW** SurfaceMax™ Series Super-LED® with all-new patented mounting technology
- Arrows may be mounted left or right
- 400 LED Series is turn indicator/front marker clearance light combination
- M Series are surface mounted
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Mounting options are purchased separately
- Five year warranty



M6T



M9T



40A00AAR



NEW C6TC



NEW C7TC



NEW C9TC

Model	Optics	Technology	Mount	Color	Lens	VDC	Amps	Patterns	Cable	Size	
M6T	M6 Series	LED	Surface mount	A	Clear	12	0.75/peak	8	6" Pigtail	4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D	
M9T	M9 Series				Clear		1.2/peak			6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D	
40A00AAR	400 Series				Color		0.4/peak 0.06/avg	2		3.188" (77mm) H x 4.938" (124mm) W x 2.75" (69mm) D	
C6T	C6 Series	SurfaceMax Super-LED			Color		0.460/peak 0.180/avg	6		5.125" (130mm) H x 8.313" (210mm) W x 1.563" (40mm) D	
NEW C6TC					Clear						
C7T	C7 Series				Color		0.420/peak 0.170/avg				8.125" (206mm) H x 10.125" (257mm) W x 1.563" (40mm) D
NEW C7TC					Clear						
C9T	C9 Series				Color		0.720/peak 0.280/avg				
NEW C9TC					Clear						

Model						Option Description
M6	M9	400	C6	C7	C9	
M6FC	M9FC	4EFLANGE	C6FC	C7FC	C9FC	Chrome plated flange
M6FB	M9FB	4FLANGEB	C6FB	C7FB	C9FB	Black flange
M6BRUSH	M9BRUSH	-	-	-	-	Brush guard
M6FCV2	-	-	-	-	-	Chrome flange for two lightheads, vertical
M6FCV3	-	-	PLASC3V	-	-	Chrome flange for three lightheads, vertical
M6FCV4	-	-	PLASC4V	-	-	Chrome flange for four lightheads, vertical
M6FC600	M9FC900	-	-	-	-	Chrome flange converts to 600 or 900 Series lighthead



C7FC



M6FC600



M6FC



M6FCV2



M6FCV3



M6FCV4



PLASC3V



PLASC4V

Back-Up Lights

- 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



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size
M6BUW	M6 Series	Super-LED	Surface	W	12	1.6	Steady	6" Pigtail	4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D
M9BUW	M9 Series					1.8			6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
5GC00WCR	5G Series		Includes grommet			0.15			3.188" (77mm) H x 7.438" (189mm) W x 1.50" (38mm) D
40C00VCR	400 Series	LED	Horizontal			0.35			3.188" (77mm) H x 4.938" (124mm) W x 2.75" (69mm) D
40BUH		Super-LED	Vertical			1.0			
40BUV									
60C00VCR	600 Series	LED minimum	May be surface mounted			0.35			4.125" (105mm) H x 6.50" (165mm) W x 1.375" (35mm) D
60C00WCR		LED maximum				0.6			
NEW C6BUL	C6	SurfaceMax Super-LED				0.125			5.15" (131mm) H x 7.56" (192mm) W x 1.565" (40mm) D
NEW C6BU						0.083			
70C00VCR	700 Series	LED minimum	Optional mounting available			0.35			3.063" (78mm) H x 7.25" (184mm) W x 1.25" (31mm) D
70C00WCR		LED maximum				0.5			
NEW C7BUL	C7	SurfaceMax Super-LED				0.5			4.079" (104mm) H x 8.289" (211mm) W x 1.575" (40mm) D
NEW C7BU						0.15			



Model							Option Description
Super-LED				LED			
C6	C7	M6	M9	400	600	700	
C6FC	C7FC	M6FC	M9FC	4EFLANGE	6EFLANGE	7EFLANGE	Chrome plated flange
C6FB	C7FB	M6FB	M9FB	4FLANGEB	6FLANGEB	7FLANGEB	Black flange
-		M6BRUSH	M9BRUSH	-	-	-	Brush guard
-		M6FCV2	-	-	-	-	Chrome flange for two lighthoods, vertical
PLASC3V		M6FCV3	-	-	PLAST3V	-	Chrome flange for three lighthoods, vertical
PLASC4V		M6FCV4	-	-	PLAST4V	-	Chrome flange for four lighthoods, 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



Scenelights

- Super-LED® surface mounts are instant on with no warm-up time
- 500 Series lightheads requires mounting option, purchased separately
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size
6SC0ENZR	600 Series	Super-LED	Surface	W	12	1.5	Steady	6" Pigtail	4.125" (105mm) H x 6.50" (165mm) W x 1.75" (44mm) D
60C0ELZR			Recess			2			3.063" (78mm) H x 7.25" (184mm) W x 1.75" (44mm) D
7SC0ENZR	Surface		2			7.125" (181mm) H x 9.125" (232mm) W x 1.75" (44mm) D			
70C0ELZR	700 Series		Recess			2			4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D
9SC0ENZR			900 Series			Surface, includes Chrome flange			6
M6ZC	M6 Series		Surface			2			6.50" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
M7ZC	M7 Series					2.25/peak 0.9/avg			8.133" (207mm) H x 10.128" (257mm) W x 2.001" (51mm) D
M9LZC	M9 Series		Surface, includes Chrome flange			6			
NEW C9SL	C9	SurfaceMax	Surface		3.6				

Model Series							Option Description
C9	M6	M7	M9	600	700	900	
C9FC	M6FC	M7FC	M9FC	6EFLANGE	7EFLANGE	90FLANGC	Chrome plated flange
C9FB	M6FB	M7FB	M9FB	6FLANGEB	7FLANGEB	90FLANGB	Black flange



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 2.50" adapter for customer supplied 2.50" grommet, plus a 3" and 3.50" 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 UV damage and resist scratches
- Five year warranty



Model	Optics	Technology	Mount	VDC	Amps	Cable	Size
86CE1	Rectangular interior dome	Super-LED	Requires cut-out, includes flange	12	2/high 0.20/low	6" Pigtail	6.438"(163mm) H x 8.188"(208mm) W x 1.25"(32mm) D
T0CACCCR	2" Round compartment	5mm LED	Surface		0.025		2" (51mm) Dia.
20C0CDCR	2G Series (4" round) compartment	Super-LED 12 diode	Surface mount requires optional mounting		0.360	6" Pigtail includes Deutsch® connector	4" (102mm) Dia.
20C0CDCD							
5GC0CCCR	5G Series compartment	Super-LED	Includes Black grommet, requires optional mounting		0.525	6" Pigtail	3.188" (81mm) H x 7.438" (189mm) W x 1.50" (38mm) D
PSC0ADCR	Strip-Lite compartment	6 diode LED	Surface		0.240		1" (25mm) H x 11.50" (292mm) W x 1.375" (35mm) D
PSC0CDCR		18 diode LED			0.480		
F09PC	Fluorent Plus compartment tube lighting	Super-LED			0.06		.625" (16mm) H x 9" (228mm) W
F18PC					0.125		.625" (16mm) H x 18" (457mm) W
F27PC					0.16		.625" (16mm) H x 27" (686mm) W
F36PC					0.18		.625" (16mm) H x 36" (914mm) W
F45PC					0.24		.625" (16mm) H x 45" (114cm) W
F54PC					0.32		.625" (16mm) H x 54" (137cm) W
F63PC					0.42		.625" (16mm) H x 63" (160cm) W

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



Interior Lighting

- 3" Round Red, Red/White and Blue/White 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
- 700 Series has illuminated switches
- 8" Round has high lumen output of 1,000/Hi and 80/Low, simulating natural light at midday
- Hard-coated lenses minimize UV damage and resist scratches
- Five year warranty



Model	Optics	Technology	Mount	Housing	Switch	VDC	Amps	Cable	Size
3SC0CDCR	3" Round LED	Compartment White	Surface Optional mounting available	Rubber gasket housing	-	12	0.380		3" (76mm) Dia.
3SR0CDRR		Nighttime illumination, Red					0.300		
3SBCCDCR		Compartment split Blue/White					0.310		
3SRCCDCR		Compartment split Red/White							
60C0EHCR	6" Round Super-LED	Compartment 18 diode, White	Surface	-	-		1.2/high 0.13/low	6" Pigtail	6" (152mm) Dia. x .625" (16mm) D
60C0EJCS		Compartment 6 diode, White			On/Off		0.70/high		
60CBEGCS		Compartment 6 Blue diodes & 6 White diodes			Dual switches for On/Off color and On/ Off and White		0.70/White 0.50/Blue		
60CREGCS		Compartment 6 Red diodes & 6 White diodes					0.70/White 0.50/Red		
70CREGCS	700 Series	Compartment 30 Red diodes & 30 White diodes			Backlighted dual switches for On/Off color and White		0.35/White 0.50/Red 2mA/switch		3.063" (78mm) H x 7.25" (184mm) W x 1.25" (31mm) D
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 0.13/low	
80C00EZR		18 Diode, White	Fits 8" cutout with spring clip mounting, no mounting hardware required	White flange					
8WC00EZR						6 White diodes 3 Blue diodes		4 Screws	
80CBEHCR		6 White diodes 3 Red diodes							
80CREHCR									

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



Illumination & Marker or Clearance Lighting

- OS™ Series includes Chrome housing. It's 45° angle illuminates step surfaces and areas needing angled lighting. Interior or exterior use
- OS Series marker/clearance has Clear lens
- 2" Round Series marker or clearance light includes 2.50" adapter for customer supplied 2.50" grommet, plus a 3" and 3.50" flange mount
- PEL Series has 40° downward projected light for illumination of vehicle's perimeter
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty



Model	Optics	Technology	Application	Mount	Color	Lens	Housing	VDC	Amps	Patterns	Size		
OSC0EDCR	OS Series	LED	White illumination	Surface	W	Clear	Chrome	12	0.3	Steady	1" (25mm) H x 1.50" (38mm) W x 0.5" (13mm) D		
OAC0EDCR											1" (25mm) H x 1.845" (48mm) W x 0.875" (21mm) D		
OSA00MCR			Marker or clearance		A	-	0.8/max 0.5/avg		1" (25mm) H x 1.50" (38mm) W x 0.5" (13mm) D				
OSR00MCR					R						2" (51mm) Dia.		
TOA00MAR	2" Round						A	A					
TOR00MRR							R	R					
PELCC	PEL Series	Super-LED®	Ground perimeter lighting		W		Chrome		0.85		2.25" (56mm) H x 7.845" (201mm) W x 1.625" (42mm) D		
PELCB							Black						
PELCC4							Chrome	24	0.37				
PELCB4							Black						



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



PAR-36 & PAR-46 Replacement Lamps

- 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



P36SLC



P46SLC



P46FLC



P46WLC

Model	Optics	Technology	Application	Mount	Color	Lens	Housing	VDC	Amps	Patterns	Size
P46SLC	PAR-46	Super-LED®	2° Spotlight	Drop-in replacement for outdated halogen spotlight lamps	W	Clear	Black powder coated die-cast aluminum heatsink	12	2.3	Steady	5.625" (144mm) Dia x 2.688" (69mm) D
P46FLC			8° Spotlight						1.9		5.625" (144mm) Dia x 1.813" (46mm) D
P46WLC			20° x 60° Floodlight					12/24	0.85 @ 12 VDC 0.325 @ 24 VDC	Steady	4.50" (111mm) Dia. x 2" (51mm) D
P36SLC	PAR-36		2° Spotlight								



Flashers

- Polycarbonate housing
- Fully encapsulated for moisture, vibration and corrosion resistance
- UHF Series has external mounting flanges
- SmartLogic™ programmable flasher
 - Software is configurable via USB port
 - Outputs are internally protected and fused
 - 8 Inputs: 5 activating inputs, 3 non-activating for low power, photocell and brake/tail/turn cutoff
 - Default flash pattern
 - LED onboard diagnostic indicators
 - Day and night mode truck setups



SLFLASH



SSFPOS



UHF2150A



ULF44



UFM8

Model	Usage	Solid-State	Outlets	Switching	Amps	VDC	Patterns	Size	Warranty
SSFPOS	Positive switching headlights	100%	2 Outlets	1x1	12.5 Per outlet	12	7	0.875" (22mm) H x 2" (50mm) W x 2.75" (70mm) D	2 Year
UHF2150A	Positive or negative switching headlights	Controlled relay output					4	1.50" (38mm) H x 4.25" (108mm) W x 3" (76mm) D	
ULF44	LED lighthead		4 Outlets 4 Channels	2x2	5 Per outlet		62 Alt/simul	0.75" (26mm) H x 2.75" (70mm) W x 3.50" (89mm) D	
UFM8	Halogen/LED lighthead		4 outlets	2x2x2x2			17	0.75" (26mm) H x 2.75" (70mm) W x 3.50" (89mm) D	
SLFLASH	Auxiliary LED lightheads	100%	8	Program-mable	5 Per outlet		64	3.375" (86mm) H x 6.375" (162mm) W x 3.375" (86mm) D	5 Year

Model	Option Description
LEDLOAD	In-line load resistor kit to interface with OEM turn signal circuit

Electronic Back-Up Alarms

- Meets OSHA, Bureau of Mines, and all State regulations
- Glass filled nylon housing
- Encapsulated solid-state electronics
- Steam cleanable; pressure washable
- Mount horizontally or vertically
- One year warranty

WBUA97
WBUA107WBUA112
WBUA112C

Model	Decibels	SAE Code	VDC	Size
WBUA97	97	SAE J994 - Type C	12/24	2.75" (69mm) H x 1.50" (38mm) D x 4" (102mm) L
WBUA107	107	SAE J994 - Type B		2.75" (69mm) H x 1.50" (38mm) D x 4" (102mm) L
WBUA112	87-112	--		4" (101mm) H x 2.845" (73mm) D x 5.125" (130mm) L
WBUA112C	112	SAE J994 - Type A		4" (101mm) H x 2.845" (73mm) D x 5.125" (130mm) L