

Fire/EMS

Professional Warning
& Illumination



WHELEN[®]
TRUSTED TO PERFORM[™]

Photo courtesy of the
East Hampton Fire Department
East Hampton, Connecticut

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Freedom® IV DYAD™ Series



DYAD - Two Level

FEATURES

- Linear Super-LED® technology
- WeCan® DYAD two level technology (single or two color) allows for individual control of each level of each lighthouse
- Low Current DYAD two level technology (single color) allows for individual control of each lighthouse segment (2x2)
- Add up to 16 optional Linear Super-LED directional modules
- Advanced Thermal Design reduces the stress on LEDs during extended dwell time
- Aluminum top repels hail and other environmental damages
- Center dividers with Liquid Injection Molded seals protect internal components from water infiltration
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- 100% solid-state electronics
- Clear lenses
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Plug & Play into Whelen or vehicle manufactured controllers (WeCan only)
- 17' passenger side cable
- Optional photocell automatically dims the lightbar at night and still meets SAE Class 1 requirements in low power mode
- Many options available, consult current price list or WeCad™ build-a-bar software
- Five year warranty

SPECS

- 12 VDC
- Amps - 1.68/peak and 0.67/avg per corner
- Meets SAE Class 1 and California Title XIII specifications
- Size: 3-3/4" (95mm) H x 12-1/2" (318mm) D

MODELS

Freedom IV DYAD, Low Current	
F4X4****	44-1/2" (113cm)
F4X8****	49-1/4" (125cm)
F4X2****	55" (140cm)
F4X0****	60" (152cm)
F4X7****	72" (183cm)

Freedom IV DYAD, WeCan	
F4W4****	44-1/2" (113cm)
F4W8****	49-1/4" (125cm)
F4W2****	55" (140cm)
F4W0****	60" (152cm)
F4W7****	72" (183cm)



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

Freedom® IV Rota-Beam™ Series



F4R0RRRR
with optional F4RBR



Rota-Beam half rotator
light module

FEATURES

- Rotating Super-LED® technology
- Models include four half corner LED modules, multiple inboard options available
- 100% solid-state electronics
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Multiple Scan-Lock™ flash patterns, some with varying flash rates
- Clear outer lenses, optional color available
- 20' passenger side cable
- Standard switching
- Many options available, consult current price list and/or WeCad™ build-a-bar software
- Five year warranty

SPECS

- 12 VDC
- Amps per rotator, 2.2/peak and 1.3/avg
- [SAE Class 1 Certified](#)
- Size: 3-3/4" (95mm) H x 12-1/2" (318mm) D

MODELS

Freedom IV Rota-Beam, Rotating Modules	
F4R2****	55-1/8" (140cm)
F4R0****	60" (152cm)
F4R7****	72" (183cm)



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

Liberty™ II Series

PROCLERA™
SILICONE OPTICS



SOLO™ - Single color
DUO+™ - Single color or two color interleaved

FEATURES

- Single or DUO+ color Linear Super-LED®
- SOLO models available in Low Current or WeCan®, DUO+ models available in WeCan
- **NEW** Increase clarity with Whelen's all-new, patent pending Proclera™ Silicone Optics (available in work lights)
- Advanced Thermal Design reduces the stress on LEDs during extended dwell time
- Aluminum top repels hail and other environmental damages
- Center dividers with Liquid Injection Molded seals protect internal components from water intrusion
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Plug & Play into Whelen or vehicle manufactured controllers (WeCan only)
- Available with standard or low profile mounting feet
- Available with Clear or color lenses
- Optional photocell automatically dims the lightbar at night and still meets SAE Class 1 requirements in low power mode
- Many options available, consult current price list or WeCad™ build-a-bar software
- Five year warranty

SPECS

- 12 VDC
- SOLO Corner Amps - 2/peak and 0.80/avg per corner
- DUO+ Corner Amps (each color) - 3/peak 1.2/avg per corner
- **Meets SAE Class 1 and California Title XIII specifications**
- Size: 2-1/2" (64mm) H x 11-5/16" (287mm) D

MODELS



Liberty II SOLO Low Current, Single Color	
IX4****	44" (110cm) Single Color, Red, Blue, Amber or White
IX8****	48" (123cm) Single Color, Red, Blue, Amber or White
IX2****	54" (136cm) Single Color, Red, Blue, Amber or White
Liberty II SOLO WeCan, Single Color	
IW4****	44" (110cm) Single Color, Red, Blue, Amber or White
IW8****	48" (123cm) Single Color, Red, Blue, Amber or White
IW2****	54" (136cm) Single Color, Red, Blue, Amber or White



Liberty II DUO+ WeCan, Single Color	
IB4****	44" (110cm) Single Color, Red, Blue, Amber or White
IB8****	48" (123cm) Single Color, Red, Blue, Amber or White
IB2****	54" (136cm) Single Color, Red, Blue, Amber or White
Liberty II DUO+ WeCan, DUO+ color	
IB4####	44" (110cm) DUO+ Color, Red, Blue, Amber or White
IB8####	48" (123cm) DUO+ Color, Red, Blue, Amber or White
IB2####	54" (136cm) DUO+ Color, Red, Blue, Amber or White



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

Legacy® Series



SOLO™

FEATURES

- Single color Linear Super-LED®
- Advanced Thermal Design reduces the stress on LEDs during extended dwell time
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Plug & Play into Whelen WeCan® controllers
- Clear outer lenses standard (available with Smoked or color lenses)
- Optional photocell automatically dims the lightbar at night and still meets SAE Class 1 requirements in low power mode
- Optional Traffic Advisor™ available in single or DUO™ color
- Many options available, consult current price list or WeCad™ build-a-bar software
- Five year warranty

SPECS

- 12 VDC
- SOLO Corner Amps - 1.26/peak and 0.50/avg per corner
- Meets SAE Class 1 and California Title XIII specifications
- Size: 1-5/8" (41mm) H x 11-5/16" (287mm) D

MODELS



Legacy WeCan, Single Color	
GS4****	43-1/4" (110cm), one color
GS8****	48" (123cm), one color
GS2****	53-3/4" (136cm), one color



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

Additional models and options available, consult price list and/or WeCad™ software

DUO+™

FEATURES

- All warning lighthoods are true DUO+, whether one color or two. Each segment can be operated independently or at the same time, without loss of intensity
- Advanced Thermal Design reduces the stress on LEDs during extended dwell time
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Photocell is optional
- Plug & Play into Whelen WeCan controllers
- Clear outer lenses standard
- Optional Traffic Advisor available in single or DUO color
- Many options available, consult current price list or WeCad build-a-bar software
- Five year warranty

SPECS

- 12 VDC
- DUO Corner Amps (each color) - 3/peak and 1.8/avg per corner
- Meets SAE Class 1 and California Title XIII specifications
- Size: 1-5/8" (41mm) H x 11-5/16" (287mm) D

MODELS



Legacy WeCan, DUO+ Color	
GB4****	43-1/4" (110cm), one color
GB4#####	43-1/4" (110cm), two color
GB8****	48" (123cm), one color
GB8#####	48" (123cm), two color
GB2****	53-3/4" (136cm), one color
GB2#####	53-3/4" (136cm), two color



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

Justice® Series



FEATURES

- Available with 9 or 6 diode Linear Super-LED® corners
- Individual control of each lighthouse
- Extruded aluminum platform and Black polycarbonate base for added strength
- Hard-coated lensed minimize environmental damage from sand, sun, salt, and road chemicals
- Easily upgraded or serviced in the field
- 15' passenger side exit cable
- Available with Clear or color lenses
- Many options available, consult price list and/or WeCad™ build-a-bar software
- Five year warranty

SPECS

- 12 VDC
- 9 diode Linear-LED® Corner Amps - 1.5/peak 0.6/avg per corner
- 6 diode Linear-LED Corner Amps - 1/peak 0.4/avg per corner
- Meets SAE Class 1 and California Title XII specifications
- Size: 2-1/4 (57mm) H x 12" (304mm) D

MODELS

Extended 9 diode Linear-LED Corners	
JC4***	44" (112cm)
JC8***	50-1/8" (132cm)
JC2***	56-1/4" (152cm)

Standard 6 diode Linear-LED Corners	
JE4***	44" (112cm)
JE8***	50-1/8" (132cm)
JE2***	56-1/4" (152cm)



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

NFPA Lightbars



FEATURES

- Newly designed Freedom® IV platform now available
- Designed exclusively for the rigorous standards of the Fire/EMS market
- Meets zone “A” upper requirements of NFPA 1901 specifications
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- For complete details and models, request the current NFPA 1901 Specifications Handbook
- Five year warranty

MODELS

Model	Series	Length	Size H x D	Corner Angle	Corner Module	Inboard Lighting	Alley	Mount	Control	VDC	Patterns	Base	Lenses	
F4N2VLED	Freedom IV LC	55" (140cm)	3-3/4" (95mm) H x 12-1/2" (318mm) D	V End	2 Front, 2 Rear, Red	4 Front, 2 Red, 2 White	-	Permanent	Low current	12	12	Extruded aluminum	Clear outer, Optional color filters	
F4N0VLED		60" (152cm)												
F4N7VLED		72" (183cm)												
F4N1VLED		81" (206cm)		Square End	2 Front, Red	2 Red								
F4N9VLED		92" (234cm)												
F4N2QLED		55" (140cm)												
F4N0QLED		60" (152cm)		V End	2 Front, Red (each bar)	2 Front, White (each bar)	1 Red (each bar)							58
F4N7QLED		72" (183cm)												
F4N1QLED		81" (206cm)												
F4N9QLED	92" (234cm)	Justice® CS	2-1/4" (57mm) H x 12" (304mm) D	V End	2 Front, 2 Rear, Red	6 Front CON3™, 4 Red, 2 White	-	79	52	Black polycarbonate on extruded aluminum platform	Clear			
JE8NFPA	50" (127cm)													
JE2NFPA	56" (142cm)													
JE0NFPA	62" (157cm)													
JE2QNFPFA	56" (142cm)													
JE0QNFPFA	62" (157cm)	Square End	2 Front, Red	2 Red CON3										
JNMINI	Mini Justice (Pair)				22" (56cm)	V End	2 Front, 1 Rear, Red (each bar)	2 Front CON3, 1 Red, 1 White (each bar)	-					

Lightbar available in Red with a pair of White LEDs



4500 Build-A-Bar Series



FEATURES

- Color or Clear outer lens
- Anodized aluminum extrusion
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Available with or without SAE compliant front and rear LED clearance lights
- Pre-configured KKK compliant packages available
- Five year warranty

MODELS

Model	Length	Size	Clearance Light
45B±±	20" (51cm), 22" (56cm), 38" (96cm), 44"(112cm), 52" (132cm), 60" (152cm), 72" (183cm), 76" (193cm), 78" (198cm), 82"(208cm), 84" (213cm), 86" (218cm), 88" (224cm), 90" (228cm), 92" (233cm), 94" (239cm), 96" (244cm), 98" (249cm)	4-7/8" (124mm) H x 5-1/4" (133mm) D	-
45B±±*			Amber front, Red rear

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



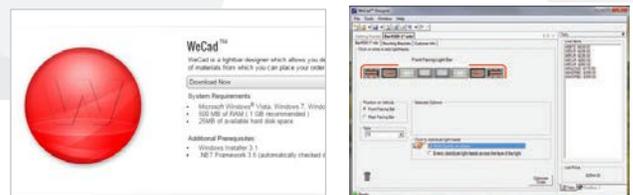
Components



Building your 4500 lightbar is easy with Whelen's WeCad™ Lightbar Designer program

The WeCad Program will prompt you as to which modules and how many may be used together, along with a suggested retail price as you go.

- Choose front or rear facing bar and length
- Add ICC light if desired
- Choose light modules
- Select light module color



NEW Inner Edge® FST™ Series



- SOLO™** - Single color
- DUO™** - Two color interleaved
- TRIO™** - Three color interleaved



FEATURES

- Mounts to visor anchor points
- Available as passenger side only or driver and passenger side
- 38 Scan-Lock™ flash patterns
- Low Current models are available with SOLO™ light modules
- WeCan® models are fully programmable, providing individual control of each color, and are available with SOLO™, or TRIO™ interleaved light modules
- **NEW** Increase clarity with Whelen's all-new, patent pending Proclera™ Silicone Optics
- Vehicle specific housing minimizes flashback to vehicle passengers
- 17' cable included
- Ships fully assembled
- 12 VDC
- Meets SAE Class 1 and California Title XIII specifications
- Five year warranty

MODELS

Ford		Chevrolet
Fusion, 2013-2018	Ford F-150, 2015-2018 F-250/F-350, 2018	Chevy Tahoe/Suburban, 2015-2018, Chevy Silverado, 1500/2500/3500, 2014-2018
SOLO - Low Current		
Four Lamps, Upper Front Passenger Side Unit Only, with One LED Flashing/Take-Down		
ISFL434	ISFL474	-
Five Lamps, Upper Front Passenger Side Unit Only, with One LED Flashing/Take-Down		
-	-	ISFL455
Five Lamps, Upper Front Passenger Side Unit Only (No Take-Down)		
ISFL435	ISFL475	-
Six Lamps, Upper Front Passenger Side Unit Only (No Take-Down)		
-	-	ISFL456
Eight Lamps, Upper Front Two Piece Unit, Individual Driver and Passenger Side Units, with Two LED Flashing/Take-Downs		
ISFL438	ISFL478	-
Ten Lamps, Upper Front Two Piece Unit, Individual Driver and Passenger Side Units, with Two LED Flashing/Take-Downs		
-	-	ISFL45Z
Ten Lamps, Upper Front Two Piece Unit, Individual Driver and Passenger Side Units (No Take-Downs)		
ISFL43Z	ISFL47Z	-
Twelve Lamps, Upper Front Two Piece Unit, Individual Driver and Passenger Side Units (No Take-Downs)		
-	-	ISFL45X

Ford		Chevrolet
Fusion, 2013-2018	Ford F-150, 2015-2018 F-250/F-350, 2018	Chevy Tahoe/Suburban, 2015-2018, Chevy Silverado, 1500/2500/3500, 2014-2018
SOLO, DUO, or TRIO - WeCan		
Four Lamps, Upper Front Passenger Side Unit Only, with One LED Flashing/Take-Down		
ISFW434	ISFW474	-
Five Lamps, Upper Front Passenger Side Unit Only, with One LED Flashing/Take-Down		
-	-	ISFW455
Five Lamps, Upper Front Passenger Side Unit Only (No Take-Down)		
ISFW435	ISFW475	-
Six Lamps, Upper Front Passenger Side Unit Only (No Take-Down)		
-	-	ISFW456
Eight Lamps, Upper Front Two Piece Unit, Individual Driver and Passenger Side Units, with Two LED Flashing/Take-Downs		
ISFW438	ISFW478	-
Ten Lamps, Upper Front Two Piece Unit, Individual Driver and Passenger Side Units, with Two LED Flashing/Take-Downs		
-	-	ISFW45Z
Ten Lamps, Upper Front Two Piece Unit, Individual Driver and Passenger Side Units (No Take-Downs)		
ISFW43Z	ISFW47Z	-
Twelve Lamps, Upper Front Two Piece Unit, Individual Driver and Passenger Side Units (No Take-Downs)		
-	-	ISFW45X

Lighthoods	
ISS*	One SOLO lighthood, Red, Blue, Amber, or White
ISD#	One DUO lighthood, Red, Blue, Amber, and/or White
ISTBCA	One TRIO Lighthood, Blue/White/Amber

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

Replace # symbol in model number with DUO color desired: D= Red/White, E=Blue/White, F=Amber/White, J=Red/Blue, M=Blue/Amber

Note: WeCad™ is a lightbar designer which allows you to design your own custom lightbar. Once finished, WeCad will generate a bill of materials from which you can call your Whelen sales representative and place your order. All lightbar orders require a WeCad drawing.



NEW Inner Edge® RST™ Series



ITRAYL12

- SOLO™ - Single color**
- DUO™ - Two color interleaved**
- TRIO™ - Three col or interleaved**

FEATURES

- Mounts to the rear headliner of SUVs and pickup trucks
- Drop-in lighthouse tray is universal, allowing for easy serviceability
- Lighthouse tray can be repurposed to a different vehicle by obtaining an alternate housing and mounting kit
- 70 Scan-Lock™ flash patterns
- Low Current models are available with SOLO light modules
- WeCan® models are fully programmable, providing individual control of each color, and are available with SOLO, DUO, or TRIO interleaved light modules
- **NEW** Proclera™ Optic Technology features 100% silicone internal optics
- Vehicle specific housing minimizes flashback to vehicle passengers
- 17' cable included
- Ships fully assembled
- 12 VDC
- **Meets SAE Class 1 and California Title XIII specifications**
- Five year warranty

Trays	
ITRAYL8	8 Lamp Tray for SOLO lighthoods
ITRAYL10	10 Lamp Tray for SOLO lighthoods
ITRAYL12	12 Lamp Tray for SOLO lighthoods
WeCan Trays	
ITRAYW8	8 Lamp Tray for SOLO, DUO, or TRIO lighthoods
ITRAYW10	10 Lamp Tray for SOLO, DUO, or TRIO lighthoods
ITRAYW12	12 Lamp Tray for SOLO, DUO, or TRIO lighthoods

Lighthoods	
ISS*	One SOLO lighthouse, Red, Blue, Amber, or White
ISD#	One DUO lighthouse, Red, Blue, Amber, and/or White
ISTBCA	One TRIO lighthouse, Blue/White/Amber



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

MODELS

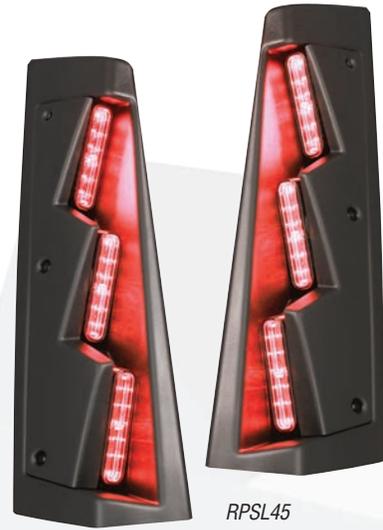
Model	Vehicle Specific Housing
IS458	Chevy Tahoe/Suburban, 2015-2018, upper rear housing for eight or ten modules

Note: WeCad™ is a lightbar designer which allows you to design your own custom lightbar. Once finished, WeCad will generate a bill of materials from which you can call your Whelen sales representative and place your order. All lightbar orders require a WeCad drawing.

Outer Edge® Series



OEWS45



RPLS45

- Lighthouses are fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- WeCan models require a remote flasher, CenCom Carbide™, CanTrol®, or REMOTE16 module, purchased separately (no WeCan control point supplied)
- Meets SAE Class 1 and California Title XIII specifications
- Five year warranty

Rear Facing

- Two independent Black powder coated housings mount easily to the rear spoiler
- Each housing supports three ION™ lighthouses in SOLO™, DUO™, or TRIO™ colors
- Low Current models are available with SOLO lighthouses and feature Traffic Advisor™ patterns

Rear Pillar

- All-new vehicle specific vacuum formed ABS housings conform to vehicle back pillars and provide easy serviceability
- Housings mount with VHB tape, included

Model	Series	ION Lighthouse	Patterns	Vehicle	VDC
OELS45	Rear Facing Low Current	SOLO	25 Scan-Lock™	Chevy Tahoe 2016-2018	12
OEWS45	Rear Facing WeCan Capable	SOLO			
OEWD45		DUO			
OEWT45		TRIO			
RPLS45	Rear Pillar Low Current	SOLO			
RPWS45	Rear Pillar WeCan Capable	SOLO			
RPWD45		DUO			
RPWT45		TRIO			

Model	ION Lighthouse	Color
OEION*	SOLO	Amber, Blue, Red, or White
OEI2#	DUO	Amber, Blue, Red and/or White
OEI3RBA	TRIO	Red/Blue/Amber
OEI3RCA		Red/White/Amber
OEI3BCA		Blue/White/Amber
OEI3RBC		Red/Blue/White

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



Note: All Outer Edge orders require a corresponding Outer Edge worksheet which can be provided by your sales representative.

Tracer™ Series

- T R A C E R -



- Available in SOLO™ (single color) DUO™ (two color interleaved), or TRIO™ (three color interleaved) modules
- Lightheades are daisy-chained together in lengths from 1 to 6 modules using the provided extrusion
- DUO and TRIO models feature steady override, such as White steady-burn
- DUO and TRIO models can be synced to other Whelen sync products
- **NEW** Traffic-Advisor™ included in 4-6 lamp versions
- **NEW** Encapsulated, water resistant control module for exterior or interior installation features two additional inputs for Traffic-Advisor functions
- Cruise light control includes seven adjustable intensity levels
- Custom light configuration choices are achieved via the mode control wire
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Easily serviceable clamshell design
- IP67 rated for dust and water resistance
- **SAE Class 1 Certified**
- Customize using WeCad™ build-a-bar software
- Five year warranty

Model	Housing	Technology	Mount	VDC	Amps	Patterns	Cable	Certs	Size
SOLO									
TCRHS1	1 Lamp	Linear Super-LED®	Slide bolt with vehicle specific brackets or universal "L" brackets	12	0.5 amps peak per module	30 Scan-Lock™	15' with encapsulated in-line driver	SAE Class 1	3/4" (19mm) H x 12-1/2" (318mm) W x 1-3/4" (44mm) D
TCRHS2	2 Lamp								
TCRHS3	3 Lamp								
TCRHS4	4 Lamp								
TCRHS5	5 Lamp								
TCRHS6	6 Lamp								
TCRL*	Amber, Blue, Red, or White SOLO lighthead								
DUO									
TCRHD1	1 Lamp	Linear Super-LED	Slide bolt with vehicle specific brackets or universal "L" brackets	12	0.5 amps peak per module	30 Scan-Lock	15' with encapsulated in-line driver	SAE Class 1	3/4" (19mm) H x 12-1/2" (318mm) W x 1-3/4" (44mm) D
TCRHD2	2 Lamp								
TCRHD3	3 Lamp								
TCRHD4	4 Lamp								
TCRHD5	5 Lamp								
TCRHD6	6 Lamp								
TCRL**	Amber, Blue, Red, and/or White DUO lighthead								
TRIO									
TCRHT1	1 Lamp	Linear Super-LED	Slide bolt with vehicle specific brackets or universal "L" brackets	12	0.5 amps peak per module	30 Scan-Lock	15' with encapsulated in-line driver	SAE Class 1	3/4" (19mm) H x 12-1/2" (318mm) W x 1-3/4" (44mm) D
TCRHT2	2 Lamp								
TCRHT3	3 Lamp								
TCRHT4	4 Lamp								
TCRHT5	5 Lamp								
TCRHT6	6 Lamp								
TCRLRBC	Red/Blue/White TRIO lighthead								

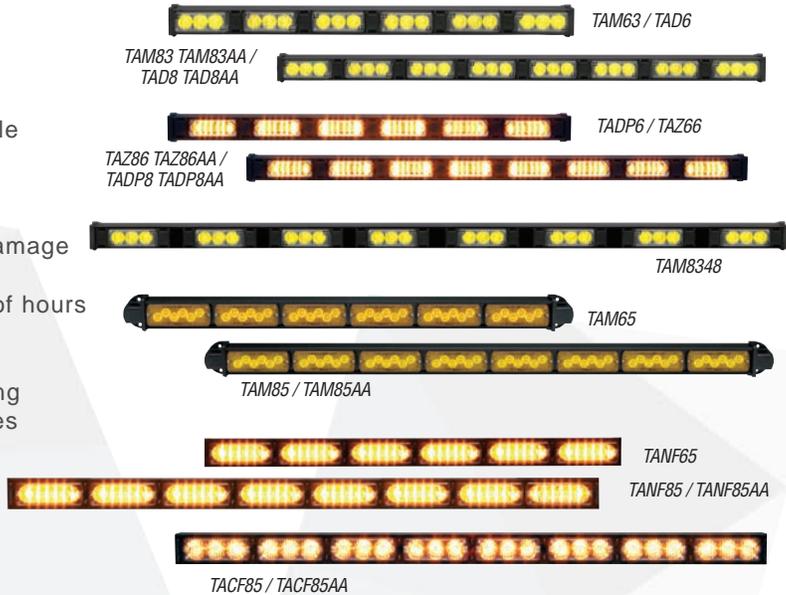
Replace symbol * in model number with letter indicating color desired: A = Amber, B = Blue, R = Red, C = White



Mounting	Mounting Description
TCRB45	Chevy Tahoe, 2015-2018, running board mounting kit for 5 lamp housing
TCRB45A	Chevy Silverado 1500 Crew Cab, 2015-2018, running board mounting kit for 6 lamp housing
TCRB47	Ford F-150 SuperCrew, 2015-2018, running board mounting kit for 6 lamp housing
TCRB39	Ford F-250/F-350 Crew Cab, 2015-2018, running board mounting kit for 6 lamp housing
TCRB34	Ford Police Interceptor Utility, 2013-2018, running board mounting kit for 5 lamp housing
TCRB44	Dodge Durango, 2015-2018, running board mounting kit for 5 lamp housing
TCRB42	Dodge Ram 1500 Crew Cab, 2015-2018, running board mounting kit for 6 lamp housing
TCRLBKT	1 "L" bracket and hardware, order 1 more bracket than the number of lamps
TCRLBKT1	Single mounting bracket and hardware for front or rear mounting under a lightbar. See current price list for details
TCRLBKT2	Dual mounting bracket and hardware for front or rear mounting under a lightbar. See current price list for details

Traffic Advisor™

- 15' cable standard, extra length cables available
- Black extruded aluminum housing
- Fully encapsulated for moisture, vibration and corrosion resistance
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Super-LED® modules are rated for thousands of hours of operation
- Includes control head (not TAD models)
- Four operating modes: left, right, split & flashing
- Rear dip switch provides 8 flash pattern choices
- Interior or exterior applications
- Five year warranty



Model	Technology	Lamps	End Flasher	Mount	Control Head	VDC	Housing	Size	Length			
TAM63	TIR3™	6	-	Surface mount, slide bolt	TACTLD1 included	12	Extreme low profile one piece	1-3/4" (44mm) H x 2-3/16" (55mm) D	23" (58cm)			
TAM83		8	Yes						30-7/8" (78cm)			
TAM83**			48" (122cm)									
TAM8348		23" (58cm)										
TAD6	TIR3 Dominator™ Series	6	-		Requires optional TADCTL1 or customer supplied switches				12	Extreme low profile one piece	1-3/4" (44mm) H x 2-3/16" (55mm) D	30-7/8" (78cm)
TAD8		8	Yes									23" (58cm)
TAD8**			30-7/8" (78cm)									
TADP6	LINZ6™ Dominator Plus™ Series	6	-		TACTLD1 included				12	Low profile flat style one piece	2-7/8" (73mm) H x 2-1/4" (57mm) D	23" (58cm)
TADP8		8	Yes									30-7/8" (78cm)
TADP8**			23" (58cm)									
TAZ66	LINZ6	6	-	Surface mount, thru-bolt endcaps	12	Low profile flat style one piece	2-7/8" (73mm) H x 2-1/4" (57mm) D	36" (91cm)				
TAZ86		8	Yes					46-7/8" (119cm)				
TAZ86**			30-7/8" (78cm)									
TAM65	500 Series TIR6™	6	-	Surface mount, slide bolt	12	Front load rectangular one piece	2-3/8" (60mm) H x 2-3/8" (60mm) D	34" (86cm)				
TAM85		8	Yes					45-1/8" (115cm)				
TAM85**			45-1/8" (115cm)									
TANF65	500 Series Linear-LED®	6	-	CON3™ front load	12	Front load rectangular one piece	2-3/8" (60mm) H x 2-3/8" (60mm) D	45-1/8" (115cm)				
TANF85		8	Yes					45-1/8" (115cm)				
TANF85**			45-1/8" (115cm)									
TACF85	CON3™ front load	8	-	Yes	12	Front load rectangular one piece	2-3/8" (60mm) H x 2-3/8" (60mm) D	45-1/8" (115cm)				
TACF85**		45-1/8" (115cm)										

Replace symbol** in model number with letters indicating end flasher colors desired: A=Amber, B=Blue, R=Red



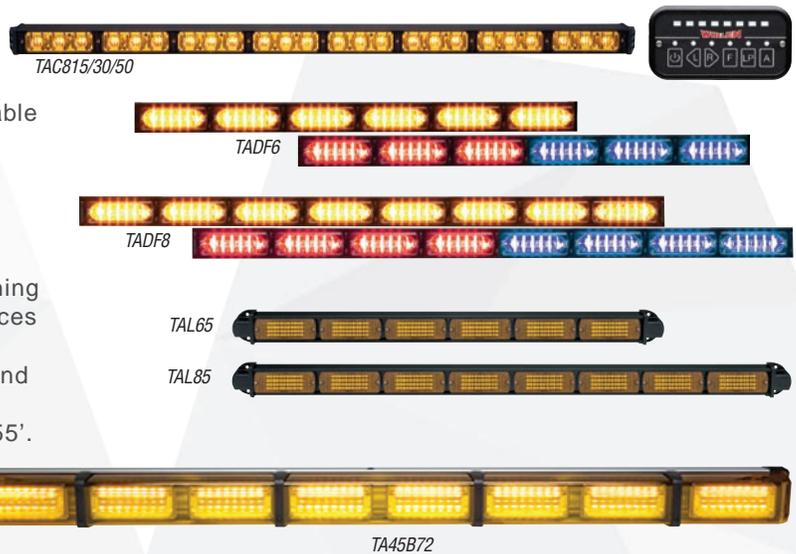
Model	Option Description
TACTL5	Control head only programmable for 6 & 8 lamp LED Traffic Advisor, includes auxiliary On/Off switch (Replaces TACTLD1 and TACTRL1A)
DELTALD1	Delete TACTL5 from 6-8 lamp LED Traffic Advisor
TADCTL1	Control head for TAD/TADP Dominator Traffic Advisor only

Model	Option Description
TADSW1	On/Off non-lighted SPDT, 20 amp switch for TACTL5
TADSW2	On/Off/On non-lighted SPDT, 20 amp switch for TACTL5
TANBKT1	Bracket for top of vehicle, horizontal mounting



Traffic Advisor™

- Economical TAC8 includes modular design control head
- 700 Series Super-LED® 72" long model
- 15' cable standard, extra length cables available
- Black extruded aluminum housing
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Includes control head
- Four operating modes: left, right, split & flashing
- Rear dip switch provides 8 flash pattern choices
- Interior or exterior applications
- DUO models available in Amber, Red, Blue and White
- Substitute cables in lengths of 35', 45', and 55'.
- Consult current price list for models
- Five year warranty



Model	Technology	Lamps	Mount	Control Head	VDC	Cable	Housing	Encapsulated	Size	Length
TAC815	Front load Super-LED	8	Surface mount/ slide bolt	Included	12	15'	Deep "C" style	-	2" (52mm) H x 2-5/8" (67mm) D	47-3/4" (121cm)
TAC830						30'				
TAC850						50'				
TADF6	500 Series DUO Super-LED	6	Surface thru-bolt or integral fasteners on back	No control head required	12	15'	Rectangular front load	-	2-3/8" (60mm) H x 2-3/8" (60mm) D	37" (94cm)
TADF8	8	45-1/8" (114cm)								
TAL65	500 Series 5mm LED	6	Surface thru-bolt or integral fasteners on back	TACTL5	12	15'	Low profile flat style one piece	Yes	2-7/8" (73mm) H x 2-1/4" (57mm) D	36" (91cm)
TAL85		8						Yes		46-7/8" (119cm)
TA45B72	700 Series Super-LED	8	Slide bolt		12	15'	Large rectangular one piece	-	4-7/8" (124mm) H x 5-1/4" (133mm) D	72" (182cm)



Model	Control Head Option Description
TACTL5	Control head for 6 & 8 lamp LED Traffic Advisor, includes auxiliary On/Off Switch (Replaces TACTLD1 & TACTRL1A)
TADCTL1	TAD/TADP Series Control Head only
TADSW1	On/Off non-lighted, SPDT 20 amp switch for TACTL5
TADSW2	On/Off/On non-lighted, SPDT 20 amp switch for TACTL5
DELTAC1	Delete TACTL5 from 6-8 lamp LED Traffic Advisor

Mini Freedom® IV Series

- SAE Class 1 Certified
- Model with GTT Opticom™ Emitter
- Model with center section
- Four Linear-LED® corner modules
- Add up to 4 additional inboard Super-LED® modules. Take-down and alley lights for permanent mount only
- Clear outer domes with Clear dividers
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Standard permanent mount models provide low power and individual control of front corner, rear corner, and optional front/rear inboard modules
- Five year warranty



Model	Technology	Modules	Mount	Amps	VDC	Patterns	Base	Color	Lens	Size
F4M****P	Linear-LED	4 Corners	Permanent	8/peak 3.2/avg per corner	12	58 Scan-Lock™	Extruded aluminum	R,B,A,W	Clear	3-3/4" (95mm) H x 21-1/2" (546mm) W x 12-1/2" (318mm) D
F4M****M			Magnetic							
F4B****P		4 Corners with Center Section	Permanent							3-3/4" (95mm) H x 23-5/16" (592mm) W x 12-1/2" (318mm) D
F4M*0*0F		2 Front facing corners	Permanent							
F4G*0*0F		2 Front facing corners, pre-wired for GTT center mounted emitter	Permanent							R,W

Four corner models, replace **** in model number with letter indicating color desired: A=Amber; R=Red; B=Blue; C=White.
First and Second * for driver side front and passenger side rear and third and fourth * for driver side rear and passenger side front

Two corner models, replace * in model number with letter indicating color desired: A=Amber; R=Red; B=Blue; C=White



Model	Option Description
F4DL*	One single long 12 Super-LED lighthead, Amber, Blue, Red, or White for permanent or magnetic mount
For Permanent Mount Only	
F4MA3	Two 3-LED Super-LED alley lights, includes harnesses
F4MA6	Two 6-LED Super-LED alley lights, includes harnesses
F4MTL6	Two 6-LED Super-LED long take-down lights, includes harnesses
F4795H	Pre-wired installation of 795H Emitter, center mount only

Model	Option Description
For Permanent Mount Only	
F4MTATL3	Two 3-LED Super-LED alley lights and two 6-LED Super-LED long take-down lights, includes harnesses
F4MTATL6	Two 6-LED Super-LED alley lights and two 6-LED Super-LED long take-down lights, includes harnesses
F4MEND*	Color end dome for 21.5" lightbar
F4MEND#	Color end dome for 21.5" lightbar with Clear alley window

Replace * or # in model number with letter indicating lens color desired:
A=Amber; R=Red; B=Blue; C=White

THE USE OF ANY MAGNETIC OR MAGNETIC/SUCTION MOUNTED WARNING BEACON ON THE OUTSIDE OF A MOVING VEHICLE IS NOT RECOMMENDED AND IS AT THE SOLE RISK OF THE USER.

Mini Freedom® IV Rota-Beam™ Series

- SAE Class 1 Certified
- 100% solid-state Rota-Beam modules give the sweeping effect of a traditional halogen rotator without the mechanical and bulb failures
- Models with two or four Rota-Beam corner modules
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Cruise light standard for corner modules
- Extruded aluminum platform for long life dependability
- Clear outer domes with Clear dividers standard, color domes available
- 15' cable standard
- Five year warranty



Model	Technology	Modules	Mount	Amps	VDC	Patterns	Base	Lens	Size
R4B****P	Rotating Super-LED®	4 Corners	Permanent	2.2/peak 1.1/avg per rotator	12	10 Scan-Lock™	Extruded aluminum I-Beam	Clear, color avail- able	3-3/4" (95mm) H x 23-5/16" (592mm) W x 12" (304mm) D
R4B*0*0P		2 Front facing corners							

Four corner models, replace **** in model number with letter indicating color desired: A=Amber; R=Red; B=Blue; C=White.
 First and Second * for driver side front and passenger side rear and third and fourth * for driver side rear and passenger side front



Two corner models, replace * in model number with letter indicating color desired: A=Amber; R=Red; B=Blue; C=White

Model	Option Description
F4RB*	One Rota-Beam module for inboard, front or rear, available in Amber, Red, Blue, or White
F4RDL*	One single color long 12 Super-LED DYAD™ lighthouse, Amber, Red, Blue, or White
R4BFLASH	Flasher for front or rear F4D*s, purchased separately. Up to two per bar, each front or rear flasher controls up to two lights, for a total of four
R4BA3	Two 3-LED Super-LED alley lights, includes harnesses
R4BA6	Two 6-LED Super-LED alley lights, includes harnesses
F4RWA*	One single color short 6 Super-LED DYAD lighthouse, warning for alley light position, Amber, Blue, Red, or White

Model	Option Description
R4BTL6	Two 6-LED Super-LED long take-down lights, includes harnesses
R4BEND*	Color end dome for lightbar with center section only
R4BEND#	Color end dome with Clear alley window, for lightbar with center section only
R4795H	Pre-wired installation of 795H Emitter, center mount only
R4BFLASH	Flasher for front or rear F4D*s, purchased separately
R4B795H	NEW Installation (pre-wired) of 795H, center mount only

Replace * or # in model number with letter indicating lens color desired:
 A=Amber; R=Red; B=Blue; C=White

THE USE OF ANY MAGNETIC OR MAGNETIC/SUCTION MOUNTED WARNING BEACON ON THE OUTSIDE OF A MOVING VEHICLE IS NOT RECOMMENDED AND IS AT THE SOLE RISK OF THE USER.

Mini Liberty™ II Series



- SAE Class 1 Certified
- Permanent mount includes low profile mounting kit
- Permanent mount includes 15' cable
- Magnetic mount includes 90 lb. pull magnets
- Magnetic and magnetic/suction mounts include 10' cord, cigar plug with On/Off switch with LED "On" indicator, and flash pattern switch
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Clear outer lenses standard (optional color lenses available)
- Five year warranty



IT9RRRRP
Shown with optional inboard warning modules

Model	Technology	Mount	Amps	VDC	Patterns	Base	Lens	Size
IT9****P	Linear-LED®	Permanent	4/peak 2/avg	12	58 Scan-Lock™	Extruded aluminum	Clear, color available	2-1/2" (64mm) H x 19-6/16" (490mm) W x 11-5-16" (287mm) D
IT9****M		Magnetic	(4 corners only)					
IT9****V		Magnetic/suction						

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



Model	Option Description
IWDS*	One single color short 3 Super-LED lighthouse
ITTS	Two short Super-LED® work lights, for permanent mount only

Model	Option Description
ITA	Two Super-LED alley lights, for permanent mount only
ITTSA	Two short Super-LED work and alley lights, for permanent mount only

Mini Legacy® Series

- SAE Class 1 Certified
- Standard permanent mount model provides low power and individual control of front corner, rear corner and optional inboard modules
- One piece UNI-DOME construction with single sealing point
- Permanent mount includes 15' cable
- Magnetic mount includes 90 lb. pull magnets
- Magnetic and magnetic/suction mounts include 10' cord, cigar plug with On/Off switch with LED "On" indicator, and flash pattern switch
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Clear outer lenses standard (optional color lenses available)
- Five year warranty



GT9RRRRM
Shown with optional inboard warning modules

Model	Technology	Mount	Amps	VDC	Patterns	Base	Lens	Size
GT9****P	Linear-LED	Permanent	3.72 all on, 1.86 per alternating side	12	58 Scan-Lock	Extruded aluminum	Clear, color available	1-5/8" (41mm) H x 11-5/16" (287mm) W x 19-6/16" (490mm) D
GT9****M		Magnetic						
GT9****V		Magnetic/suction						

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



Model	Option Description
GSDS*	One single color short 3 Super-LED lighthouse
GTTS	Two short Super-LED work lights, for permanent mount only

Model	Option Description
GTA	Two Super-LED alley lights, for permanent mount only
GT TSA	Two short Super-LED take-down and alley lights, for permanent mount only

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Mini Justice® Series

- SAE Class 1 Certified
- Super-LED® CON3™ inboard modules and Linear Super-LED corners
- Permanent models includes 15' cable, magnetic and magnetic/suction mount with 10' cord, cigar plug with On/Off switch with LED "On" indicator, and Scan-Lock™ flash pattern switch
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Low profile, only 2-1/4" high
- Five year warranty



Model	Technology	Mount	Amps	VDC	Patterns	Base	Lens	Size
MJY****P	Linear-LED	Permanent	4/peak 1.6/avg (4 corners only)	12	79 Scan-Lock	Extruded aluminum	Clear, color available	2-1/4" (57mm) H x 22" (558mm) W x 12" (304mm) D
MJY****M		Magnetic						
MJY****V		Magnetic/suction						

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



Model	Option Description
JDC*	One CON3 Super-LED module
JDH*	One LTR3™, Super-LED module. For use with MJTDAL only

Model	Option Description
MJTDALL1	Four LR11 Super-LEDs, two steady-burn work lights, and steady-burn alley lights with 15° horizontal adjustment, for permanent models only (Replaces MJTDAL)

Responder® HD Series

- SAE Class 1 Certified
- Universal permanent mount version easily retrofits most competitive model footprints
- Permanent bolt mount versions include 6" pigtail; magnetic mount and magnetic/suction versions include 10' straight cord with cigar plug with LED on indicator, On/Off switch and pattern control switch
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Five year warranty



Model	Technology	Mount	Lamps	Amps	VDC	Patterns	Base	Size
R10HDP*	Duplex Linear-LED	Permanent	6 400 Series Linear-LED®	9/peak 3.6/avg	12	54 Scan-Lock	Aluminum	5-1/8" (130mm) H x 17-1/4" (438mm) W x 6-5/16" (160mm) D
R10HDM*		Magnetic						
R10HDV*		Magnetic/suction						

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



Model	Option Description
RDXMM90	90 lb. pull magnet mount kit with cigar plug
INSTRDX	Installation of RDXMM90, for permanent mount only

THE USE OF ANY MAGNETIC OR MAGNETIC/SUCTION MOUNTED WARNING BEACON ON THE OUTSIDE OF A MOVING VEHICLE IS NOT RECOMMENDED AND IS AT THE SOLE RISK OF THE USER.

Responder® LP Series

- SAE Class 1 Certified
- Super-LED® low profile linear (LIN6™) or conical (CON3™) mini lightbar
- Polycarbonate dome
- Available with extruded aluminum base or polycarbonate base
- Available in permanent, magnetic and magnetic/suction mount models
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Color outer dome standard on single color models, Clear outer dome standard on two color models
- DUO™ technology model has different color LEDs in the same module allowing lightbar to flash different colors
- **NEW** Green/Amber model with Clear lens
- Five year warranty



Model	Series	Color	Mount	Base	Technology	Amp	VDC	Patterns	Lens	Size					
R1LPP*	R1LP	A, R, B	Permanent	Polycarbonate	CON3 Super-LED	3/peak 1.2/avg	12	54 Scan-Lock™	Clear, color available	2-7/8" (73mm) H x 17" (431mm) W x 6-5/16" (160mm) D					
R1LPM*			Magnetic								Aluminum				
R1LPV*			Magnetic/suction												
R1LPHP*			Permanent	Aluminum						Linear-LED®	6/peak 2.4/avg	24	36 Scan-Lock	Clear	2-7/8" (73mm) H x 17" (431mm) W x 6-5/16" (160mm) D
R1LPHM*			Magnetic												
R1LPHV*			Magnetic/suction												
R2LPP*	R2LP	A, R, B	Permanent	Polycarbonate	Linear-LED®	3/peak 1.2/avg	12	36 Scan-Lock	Clear	2-7/8" (73mm) H x 17" (431mm) W x 6-5/16" (160mm) D					
R2LPM*			Magnetic								Aluminum				
R2LPV*			Magnetic/suction												
R2LPHP*			Permanent	Aluminum						Linear-LED®	6/peak 2.4/avg	24	36 Scan-Lock	Clear	2-7/8" (73mm) H x 17" (431mm) W x 6-5/16" (160mm) D
R2LPHM*			Magnetic												
R2LPHV*			Magnetic/suction												
R2LPP*4	A, R, B	Permanent	Polycarbonate	Linear-LED®	6/peak 2.4/avg	12	36 Scan-Lock	Clear	2-7/8" (73mm) H x 17" (431mm) W x 6-5/16" (160mm) D						
R2LPMA4	A	Magnetic													
RDLPAB	DUO	A/B	Permanent	Polycarbonate	Linear-LED®	6/peak 2.4/avg	12	36 Scan-Lock	Clear	2-7/8" (73mm) H x 17" (431mm) W x 6-5/16" (160mm) D					
RDLPAG		A/G													

Replace *in model number with letter indicating color desired: A=Amber; R=Red; B=Blue; C=White; G=Green
 To order multi color LP Series, use R1\$\$\$00 and R2\$\$\$00. Replace \$ with number of color modules wanted.
 Order of colors is Red, Blue, Amber, White.



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Rota-Beam™ RB6 Series

- SAE Class 1 Certified (Amber)
- Rotating halogen beacon
- Available in permanent/pipe mount
- Hard-coated domes resist environmental damage from sand, sun, salt, and road chemicals
- Three year warranty on motor assembly



RB6T



Model	Reflector	Mount	Base	Amps	Candlepower	VDC	FPM	Bulb	Certs	Size
RB6T*P	Dual	Perm/pipe	Polycarbonate	4.5	60,000	12	130	60 Watt snap-in	W (A/R) SAE Class 1 (A/R)	6-3/4" (172mm) H x 7-7/8" (200mm) Dia.

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



Model	Option Description
WMM6K	Magnet mount kit

B6 Series Combination Tailboard Lighting

- Designed for use in NFPA 1901 Specification lighting packages, this series combines 360° warning and directional lighting in a single fixture
- Super-LED® beacon and 700 Series Linear-LED® have built-in flashers providing multiple flash patterns, plus cruise light mode on LED beacon
- Lower level light offered in single or split color
- Hard-coated domes and lenses resist environmental damage from sand, sun, salt, and road chemicals
- Five year warranty on LEDs
- Three year warranty on motor assembly



B6TMRR1P



B63M7RA

Model	Upper Lighting	Lower lighting	Mount	Base	Amps	VDC	Certs	Size
B63M7**	R316 Super-LED Rota-Beam beacon	M7 Super-LED lighthouse	Flat permanent	Polished aluminum	4.5/peak 3.1/avg	12	Class 1 Meets NFPA 1901, SAE and EC65 specifications	7-3/8" (187mm) H x 7-13/16" (198mm) W x 8-1/16" (204mm) D
B6370**		700 Series Super-LED lighthouse			3.6/peak 2.73/avg			
B6MM**P	L31 Super-LED beacon				5.4/peak 2.13/avg			
B6TM**1P	RB6 Halogen Rota-Beam beacon				5.9/peak 5.03/avg			

Replace *in model number with letter indicating color desired: A=Amber; R=Red; B=Blue



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Rota-Beam™ R316 & R416 Series



Half rotator light module

- SAE Class 1 Certified
- 100% solid-state “rotating” technology simulates the appearance of a rotating beacon without any moving parts or motors
- Medium profile, smooth polycarbonate outer dome
- Conformal coated electronics for moisture and vibration resistance
- Hard-coated domes resist environmental damage from sand, sun, salt, and road chemicals
- Cruise light feature
- Available in permanent, magnetic, and magnetic/suction mount models
- Synchronize with other Whelen synchronize products
- Five year warranty



R316RF

R416BF

Model	Series	Color	Mount	Base	Amps	VDC	Dome	Patterns	Certs	Size	
R316*F	R316	Single	Permanent	Powder coated die-cast base	2.2	12 24V models available	Color	32 Scan-Lock™ with varying rotating flash rates	W (A/R) SAE Class 1	4" (102mm) H x 7-3/16" (183mm) Dia.	
R316*M			Magnetic								
R316*V			Magnetic/suction								
R316**F		Split front & rear	Permanent								Clear
R316**M			Magnetic								
R316**V			Magnetic/suction								
R416*F	R416	Single	Permanent				Color			4-7/8" (123mm) H x 6-7/16" (163mm) Dia.	
R416*M			Magnetic								
R416*V			Magnetic/suction								
R416**F		Split front & rear	Permanent								Clear
R416**M			Magnetic								
R416**V			Magnetic/suction								

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



Model	Option Description
BBKT20	Stainless steel shelf mount bracket mounts to flat vertical surface
MIRROR20	Stainless steel West Coast mirror mount bracket
RPHOTO	Photocell for Hi/Low power
L360BGB	Branch guard kit for R316
L40BG	Branch guard kit for R416

THE USE OF ANY MAGNETIC OR MAGNETIC/SUCTION MOUNTED WARNING BEACON ON THE OUTSIDE OF A MOVING VEHICLE IS NOT RECOMMENDED AND IS AT THE SOLE RISK OF THE USER.

L31 & L32 Super-LED® Series

- SAE Class 1 Certified (Amber)
- L31CA models meet California Title XIII (Amber)
- L31HRFN is certified to meet NFPA Zone C Upper requirements in Red
- Powder coated die-cast base
- Conformal coated electronics for moisture and vibration resistance
- Hard-coated domes resist environmental damage from sand, sun, salt, and road chemicals
- Alternately or simultaneously flash multiple patterns (Cross-Link™) with up to 8 Whelen Super-LED 360° beacons (perm mount)
- **NEW** Amber/Green split beacon with Clear outer dome
- Five year warranty



L31HRF



L32LRF

Model	Mount	Profile	Color	Base	Amps	Patterns	VDC	Control	Certs	Size	
L31H*F	Permanent	High	R, B, A, W	Die cast aluminum	4/peak 1.6/ avg	Permanent mount 30 built-in Scan-Lock™ flash patterns plus 4 simulated rotating patterns Magnetic mount 75 SignalAlert™ only	12	Hi/Low control	W (A/R) SAE Class 1 California Title XIII	4-1/64" (102mm) H x 7-11/64" (182mm) Dia.	
L31HPF			Split A/G								
L31H*M	Magnetic		-								
L31H*V	Magnetic/suction										
L31H*F4	Permanent		24		Hi/Low control						
L32L*F	Permanent		Low		R, B, A, W		1.3/ peak 0.52/ avg	12			-
L32L*M	Magnetic										
L32L*V	Magnetic/suction										
L32L*F4	Permanent	24		Hi/Low control							
L31HRFN	Permanent	High			4/peak 1.6/ avg	4	12	Hi/Low control		4-1/64" (102mm) H x 7-11/64" (182mm) Dia	

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



Model	Option Description
BBKT30	Stainless steel shelf mount bracket mount to flat vertical surface

Model	Option Description
L360PMKT	Pipe mount kit for permanent mount
L360BGB	Branch guard kit for L31 Series

THE USE OF ANY MAGNETIC OR MAGNETIC/SUCTION MOUNTED WARNING BEACON ON THE OUTSIDE OF A MOVING VEHICLE IS NOT RECOMMENDED AND IS AT THE SOLE RISK OF THE USER.

NEW Avenger™ II Series

- SAE Class 1 Certified
- Newly designed combination Linear/TIR optics provide high intensity warning and illumination and a smaller profile maximizes space for optimal versatility
- Available in SOLO™ (single color), DUO™ (two color interleaved or TRIO™ (three color interleaved) modules
- Hard-coated lenses minimize UV damage and resist scratches
- Black polycarbonate housing
- Mounts via swivel/bail bracket with three suction cups
- Cigar Plug Series: models include 10' cord with On/Off switch and pattern selection switch
- Hard-wired Series: models include a 2 wire (SOLO), 3 wire (DUO), or 4 wire (TRIO) pigtail. Consult current price list for models
- Five year warranty



Model	Series	Lamp	Colors	Override	VDC	Patterns	Size (with shroud)
AVC11*	SOLO	Single	Amber, Blue, Red, or White	N/A	12	26	Single unit: 1-3/4" (44mm) H x 6-1/2" (165mm) W x 4-1/2" (144mm) D Dual unit: 1-3/4" (44mm) H x 10-1/4" (260mm) W x 4-1/2" (144mm) D Height with adjustable mounting bracket: 1-3/5" (41mm) to 1-9/10" (74mm)
AVC21**		Dual	Amber, Blue, Red, or White			55	
AVC12#	DUO	Single	Red/White, Blue/White, Amber/White, Blue/Red, or Blue/Amber			26	
AVC22DD		Dual	Two Red/White			55	
AVC22DE			One Red/White, One Blue/White				
AVC22EE			Two Blue/White				
AVC22FF			Two Amber/White				
AVC22JJ			Two Red/Blue				
AVC22MM			Two Blue/Amber				
AVC13RBC	TRIO		Single				
AVC13RBA		Red/Blue/Amber		Amber			
AVC13RAC		Red/Amber/White		White			
AVC13BAC		Blue/Amber/White		White			
AVC23RBC	TRIO	Dual	Red/Blue/White	White	55		
AVC23RBA			Red/Blue/Amber	Amber			
AVC23RAC			Red/Amber/White	White			
AVC23BAC			Blue/Amber/White	White			

Replace *in model number with letter indicating color desired: A=Amber; R=Red; B=Blue; C=White;
 Replace # in model number with DUO colors desired: D=Red/White; E=Blue/White; F=Amber/White; J=Red/Blue; M=Blue/Amber



Model	Option Description
AVBKT1	Low profile mounting (headliner) bracket for single Avenger II Series only
AVBKT2	Low profile mounting (headliner) bracket for dual Avenger II Series only
AVBKT3S	Visor mounting bracket for single Avenger II Series only
AVBKT3D	Visor mounting bracket for dual Avenger II Series only
AVBKT4	Adjustable height bracket kit, for all Avenger IIs
AVBKT5S	Headliner mounting bracket, adjustable, for single Avenger II Series only
AVBKT5D	Headliner mounting bracket, adjustable, for dual Avenger II Series only

SlimLighter®

- SAE Class 1 Certified
- Super-LED® interior light
- Swivel bracket for permanent or suction cup mounting included
- Includes built-in pattern selection button, 10' straight cord with cigar plug and On/Off switch with LED "On" indicator
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Five year warranty



SLPMMRB

Model	Technology	Amps	VDC	Patterns	Size
SLPMM**	Super-LED	0.6/avg 1.5/peak	12	21 Scan-Lock™	2" (52mm) H x 16-3/8" (416mm) W x 1-3/16" (46mm) D

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



Model	Option Description
SLPBKT1	Bail mounting bracket for rear deck or headliner mounting

FlatLighter™

- Visor mount interior light
- Includes Velcro mounting straps
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Includes 8' straight cord with cigar plug
- Five year warranty



FLLEDRB

Model	Technology	Amps	VDC	Patterns	Size
FLLD**	LED	0.8	12	21 Scan-Lock	4-1/2" (114mm) H x 13" (330mm) W x 1-1/4" (32mm) D

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



Model	Option Description
43LENS	400 Series color lens, customer installed

Slim-Miser™

- LED interior light
- Includes 10' straight cord with cigar plug, On/Off switch and LED "On" indicator
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Swivel mount with 3 suction cups securely holds dash light to windshield minimizing flashback
- Five year warranty



SMLLRB

Model	Technology	Amps	VDC	Patterns	Size
SMLL**	LED	0.10/avg 0.33/peak	12	17 Scan-Lock	1-5/8" (42mm) H x 12-7/8" (326mm) W x 2-3/4" (70mm) D

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



SpitFire™ ION™ Series

- SAE Class 1 Certified
- ION Super-LED® interior dash and deck light
- Fully encapsulated electronics for moisture, vibration and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Includes universal bracket, windshield suction cup mount
- Includes integral hood and 10' cord with cigar plug, On/Off switch with LED "On" indicator and Scan-Lock™ pattern control switch
- Five year warranty



Model	Series	Technology	Amps	VDC	Patterns	Size
SFION*	Spitfire ION	Super-LED	0.46/avg 1/peak	12	25 Scan-Lock single color, 69 Scan-Lock split color	1-5/8" (41mm) H x 5-1/8" (130mm) W x 3-3/8" (86mm) D

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



Mirror-Beam™ Series

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



Model	Series	Amps	VDC	Patterns	Vehicle	Certs	Lighthouse Size
MBCT15**	ION	1.0/peak 0.40/avg per lighthouse	12	25 Scan-Lock	Chevy Tahoe and Suburban 1500, 2015-2018	A (R Lower only), B R/A/B/W, C R/A/B/W, D R/A/B/W	1" (25mm) H x 4" (101mm) W
MBFX11**					Ford Police Interceptor Utility, 2013-2018		
VMCT15**	ION V-Series	.765 warning .31 alley .12 puddle per lighthouse			Chevy Tahoe and Suburban 1500, 2015-2018	SAE J595 NFPA 1901	1" (25mm) H x 4" (101mm) W
VMFX11**					Ford Police Interceptor Utility, 2013-2018		

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



Dominator™ & Dominator Plus™ Series

- SAE Class 1 Certified
- Low profile surface mount housing designed for interior or exterior use
- Choice of TIR3™ or LINZ6™ modules
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Fully encapsulated for moisture, vibration and corrosion resistance
- Internal self-contained electronics
- Slide bolt mount
- Extruded aluminum Black powder coated housing
- Eight module units are available with end flashers
- Five year warranty



Dominator Plus with LINZ6

Model	Series	Technology	Lamps	Amps	VDC	Patterns	Color	Mounting	Size	Length
D2**	Dominator	TIR3 Super-LED	2	0.16/avg 0.4/peak per lamp	12	7 Scan-Lock™	A, R, B, W	Slide bolt Optional suction cup	1-3/16" (35mm) H x 2-3/16" (55mm) D	7" (178mm)
D4****			4			14" (356mm)				
D6*****			6			21" (533mm)				
D8§§§§0			8			28" (711mm)				
DP2**	Dominator Plus	LINZ6 Super-LED	2	0.30/avg 0.75/peak per lamp	12	7 Scan-Lock	A, R, B, W	Slide bolt Optional suction cup	1-3/16" (35mm) H x 2-3/16" (55mm) D	7" (178mm)
DP4****			4			14" (356mm)				
DP6*****			6			21" (533mm)				
DP8§§§§0			8			28" (711mm)				

Replace *in model number with letter indicating color desired: A=Amber; R=Red; B=Blue
 § Replace § symbol with number of color lightheads required. Order of colors are Red, Blue, Amber and White.



Model	Option Description
DBKT3	Swivel mount bracket kit for D2, D4, DP2, DP4 series only, customer installed
DBKT4	"L" angle mounting bracket kit, customer installed
DBKT5	Upper rear window bracket for Chevy Tahoe, 2008-2016 and Ford Police Interceptor Utility, 2013-2018

Micro Series

- Heavy-duty extruded aluminum frame for tailboard mounting
- 240° light output with built-in flasher
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Meets NFPA when used in pairs
- Five year warranty



MCFLED2R



MCSLED2R

Model	Series	Lamp Type	Technology	Light Modules	Color	VDC	FPM	Amps	Cable	Size
MCFLED2*	Micro Freedom®	Warning	Super-LED®	2	A, R, B	12	9 Scan-Lock	3.2	20'	3-3/4" (95mm) H x 8" (203mm) W x 10" (254mm) D
MCSLED2*	Micro Liberty™						8 Scan-Lock	5		2-1/2" (64mm) H x 9-1/2" (241mm) W x 12" (304mm) D

Replace *in model number with letter indicating color desired: A=Amber; R=Red; B=Blue



PAR-36 & PAR-46

- Floodlight or spotlight models
- Black cast aluminum housing
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Indexing locking lever on pedestal swivel
- Super-LED® with low current draw
- Stainless steel bracket and hardware included
- Two intensities available
- For 24 VDC models, contact factory
- Five year warranty



Floodlight Models							
Model	Diodes	Amps	Lumens	Mount	Switch	Handle	Rear Cover
PFBP12	12	1.7	1000	Locking pedestal swivel	Built-in On/Off switch	Yes	Black
PFBP12C							Chrome
PFBP6	6	.85	500				Black
PFBP6C							Chrome
PFBS12	12	1.7	1000	Stud/swivel	-	-	Black
PFBS12C							Chrome
PFBS6	6	.85	500				Black
PFBS6C							Chrome
PFBS6S							Black
PFBS12S	12	1.7	1000	Built-in On/Off switch	Black		

Spotlight Models							
Model	Diodes	Amps	Lumens	Mount	Switch	Handle	Rear Cover
PSBP12	12	1.7	1000	Locking pedestal swivel	Built-in On/Off switch	Yes	Black
PSBP12C							Chrome
PSBP6	6	.85	500				Black
PSBP6C							Chrome
PSBS12	12	1.7	1000	Stud/swivel	-	-	Black
PSBS12C							Chrome
PSBS6	6	.85	500				Black
PSBS6C							Chrome
PSBS6S							Black
PSBS12S	12	1.7	1000	Built-in On/Off switch	Black		

Handheld Spot/Floodlights

- 90# pull magnet mount with 8' coiled cord and cigar plug
- Built-in push-button On/Off switch
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

Model	Lamp	Diodes	VDC	Amps	Lumens	Mount
P36HHS	Spot/flood	6	12/24	0.85 @ 12 VDC 0.425 @ 24 VDC	500	Handheld, includes magnet
P46HHS	Spotlight	18	12	2.3	2000	



P36HHS

P46HHS

Rubber Housing Spot/Floodlights

- Rubber stud/swivel housing
- Available with or without lighthouse
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

Model	Lamp	Diodes	VDC	Amps	Lumens	Mount
P36SLCHG	Spot/flood	6	12/24	0.85 @ 12 VDC 0.425 @ 24 VDC	500	Stud/swivel
P46SLCHG	Spotlight	9	12	2.3	2000	



P36SLCHG

P46SLCHG

Pan & Tilt™ Super-LED® Spotlight

- Wired or wireless controlled spotlight
- Long life LED operation with low current draw and low operating temperature
- Wireless controller mounts anywhere
- Proportional push-button control for quick and easy operation
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Low amp draw
- Tilts 90° up and 20° down
- Pans 420° horizontally
- Defaults to home position after use
- Size: 8-3/4" (220mm) H x 7-3/4" (196mm) Dia
- Five year warranty



PT360F
Flange mount

PT360P
shown tilted

PT360P
shown in home
position

Wired or wireless
controls

Model	Mount	Controller	Base	Lens	Amps	Lumens	VDC
PT360P	Permanent	Wired	Polycarbonate	Hard-coated polycarbonate to resist scratches and UV damage	2 (max)	1475	12
PT360PW		Wireless					
PT360F	Flange	Wired					
PT360FW		Wireless					

Pioneer™ Series Work Lights

Pioneer Nano™



Pioneer Micro™



Pioneer SlimLine™



Pioneer Surface Mount



Pioneer & Pioneer Plus™



Pioneer Max™



Pioneer Quad™



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

For more information, request Whelen's Pioneer Series catalog

Pioneer Mounting Options



NEW Pioneer LiFe™ LF35

Super-LED® Portable Area Light

The Pioneer LiFe LF35 is the first of its kind, combining an all new Pioneer SlimLine™ optic with the portability and flexibility of a grab and go light, designed to bring Whelen's advanced Pioneer™ technology where other lights can't go.

The Intelligent Inductive Charger™ with no exposed contacts provides easy, wireless charging, and the built-in battery is light-weight and thermally protected. The LiFe LF35 is just 7.5 pounds, lighter than any other portable area light on the market today.

FEATURES

- SAE Class 1 Certified
- All new SlimLine optic is optimized for portable applications in order to control and focus light to work areas
- Includes two optic lenses:
 - Floodlight lens
 - 8° TIR spotlight lens
- Hard-coated lenses minimize environmental damages
- 100% solid-state electronics
- Color temperatures reach 6,000° kelvin, simulating bright midday light
- 3,500 usable lumens
- Impact resistant glass reinforced nylon housing is available in Safety Yellow
- Adjustable ratcheting mechanism allows for a 180° range of uninterrupted light
- Push-button power switch and top handle are easy to use with gloved hands
- Well balanced top handle is designed to be over the center of mass
- Attach a sling or carabiner to the light for easy transportation
- Meets NFPA 1901, 14.1.11.2 for all possible mounting orientations
- IP67 rated for dust and water resistance
- Virtually no RFI/EMI radiation, the portable area light will not interfere with portable communication devices
- Dimensions 7.59" (192.7mm) H x 9.17" (232.9mm) W x 9.20" (233.7mm) D
- Weight: 7.5lbs (3.4kg)
- Five year warranty

Green	Fully Charged
Red	Charging
Amber	Fault Detection
Blue	Foreign Object Detection



Battery

- Built-in lightweight lithium iron phosphate battery utilizes LiFePO₄ technology and features up to 3.5 hours of runtime at full intensity and up to 7 hours of runtime in Battery Saver Mode
- Battery is built into the unit, making it safe and protected
- Battery features short circuit and thermal protection
- With 15 minutes left of battery life, light will dim to a reduced intensity to preserve output time
- Battery will disconnect when fully charged, preserving the lifecycle of the battery
- Battery will fully charge in 4-5 hours, maintaining optimal lifespan
- Battery is rated for more than 2000 charging cycles

Intelligent Inductive Charger (IIC™)

Features

- Intelligent Inductive Charger (IIC) is wireless and eliminates the need for plugs and wires by utilizing inductive charging technology
- IIC is specifically designed to work with Pioneer LiFe™ LF35 lights only. If foreign objects are placed on the charger, it will disable itself until the object is removed
- No open contacts on the charger to compromise charging circuit
- IIC can be installed on a horizontal or vertical surface
- Various mounting options for Whelen poles and tripods will soon be available
- Chargers available in 12 VDC, 115-240 VAC
- 12 VDC charger is standard: 5 amps average
- AC charging is available with adapter:
 - 0.5 amps average at 115 VAC
 - 0.25 amps average at 240 VAC

MODELS

Model	Description
LF35	12 VDC, rechargeable
LF35A	115-240 VAC, rechargeable, standard NEMA plug for U.S.
LF35E	240 VAC, rechargeable, CEE7 plug for Europe
LF35BASE	Base only, no charging
LF35CB12	12 VDC, charging base only
LF35CBAC	115-240 VAC, charging base only, standard NEMA plug for U.S.
LF35CBAE	240 VAC, charging base only, CEE7 plug for Europe
LF3STPM	Optional pole mount with LF35BASE, fits 1-1/8" pole

NEW SurfaceMax™ Series

- 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 lighthead
- Five year warranty



C9LRSC with C9FC



C6LRSC with C6FC



C7RSC with C7FB

For **NEW** SurfaceMax Brake/Tail/Turn lights and Turn Signals see pages 48 and 49

Model	Optics	Mount	Color	Lens	VDC	Amps	Patterns	Cable	Certs	Size
C9L*	Super-LED	Surface	A, R, B, W	Color	12	2.5/peak 1.0/avg	139	6" Pigtail	A B C W	8-1/8" (206mm) H x 10-1/8" (257mm) W x 1-9/16" (40mm) D
C9L*C				Clear			Requires optional flasher			
C9*S				Color						
C9*SC				Clear						
C7L*				1.25/peak 0.5/avg		Color	75 Scan-Lock™		A B C D W	4-1/16" (103mm) H x 8-1/8" (206mm) W x 1-9/16" (40mm) D
C7L*C						Clear	Requires optional flasher			
C7*S						Color				
C7*SC						Clear				
C6L*				1.3/peak 0.52/avg		Color	75 Scan-Lock		A B C W	5-1/8" (130mm) H x 8-5/16" (210mm) W x 1-9/16" (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, B=Blue, C=White, R=Red



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

M9 Series

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



Model	Optics	Technology	Colors	Lens	VDC	Flasher	Patterns	Amps	Certs	Size		
M9*	Directional	Super-LED®	A, R, B, W	Color	12	Built-in	159 Scan-Lock™	3/peak 1.2/avg	A (Upper R/A/W, Lower R) B (R/B) C (R/A/B) D, W	6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D		
M9*C			R/A, R/B, R/W	Clear			64 Scan-Lock					
M9#				A, R, B, W		Color	Requires flasher (Purchased separately)	-				
M9*S												
M9*CS												
M92#	DUO		R/B, R/A B/A, B/W, A/W	Clear		2.4/peak 0.96/avg	33 Scan-Lock	Warning 1.58 Scenelight 1.53	A (A/R/W Upper & Lower) B (A/B/R) C (A/B/R/W) D (A/B/R/W) W		6-1/2" (165mm) H x 10-3/8" (263mm) W x 2-5/8" (66mm) D	
M9*CZ	Combo		A, R, B, W									
M9JCZ	DUO Combo		R/B				Built-in	25 Scan-Lock	Warning 2.4/peak 0.96/avg, Scenelight 2.4 amps			
M9V2*	V-Series™ (includes Chrome flange)		A, R, B, W warning with W illumination	Color for warning, Clear for illumina- tion		Clear						
M9V2*C												

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



Model		Option Description
M9	M9V2	
M9FC	-	Chrome plated flange
M9FB	M9FB	Black flange
M9BRUSH	-	Black brush guard
M9FC900	M9VFC900	Chrome flange, adapts M Series to 900 Series style lightheads
M9HTM5FC		Chrome-plated housings, sold in pairs for front driver and passenger side of the 2015-2018 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



M6 & M7 Series

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



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

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



Model			Option Description
M6	M6V2	M7	
M6FC	M6FC	M7FC	Chrome plated flange
M6FB	M6FB	M7FB	Black flange
M6BRUSH	-	M7BRUSH	Black brush guard
M6FC600	M6FC600	M7FC700	Chrome flange, adapts M Series to 600 or 700 Series style lighthoods
M6P15C	-	-	Chrome 15° angled surface mount housing
M6P15B	-	-	Black 15° angled surface mount housing
M6FCV2	-	-	Chrome flange for two M6 lighthoods, vertical (lighthoods purchased separately)
M6FCV3	-	-	Chrome flange for three M6 lighthoods, vertical (lighthoods purchased separately)
M6FCV4	-	-	Chrome flange for four M6 lighthoods, vertical (lighthoods purchased separately)
M6HDLMTK	-	-	Headlight mount for ATI and KD housings, includes bracket and hardware
-	-	M7BKT1	Universal bracket for one lighthouse
M6PTM5F	-	-	Front light pod for 8 M6 lighthoods, Medium roof, Ford Transit 2015-2018
M6PTH5H	-	-	Front light pod for 8 M6 lighthoods, High roof, Ford Transit 2015-2018
-	M6PT5R	-	Rear light pod for 6 M6 lighthoods, Medium or high roof, Ford Transit 2015-2018



V23, M2, & M4 Series

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



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

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



Model				Option Description
V23	M2	M4	M4V2	
-	M2FC	M4FC	M4FC	Flange, Chrome
-	M2FB	M4FB	M4FB	Flange, Black
-	-	M4BRUSH	-	Brush guard, Black
-	-	M4FC400	M4FC400	Flange, Chrome, adapts M Series to 400 Series style lighthead
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 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



600 Series

- 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



6RBBA



6RBRC



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
6RB*	Oscillating	Rota-Beam Super-LED	Surface	A, W Color lens	12	2.2/peak, 1.1/avg	14 Scan-Lock™	6" Pigtail	W	4-3/16" (106mm) H x 6-9/16" (167mm) W x 3-7/16" (88mm) D
6RB*C				R, B, A, W Clear lens						

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



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
6EHLTMK	Headlight Mounting Kit for ATI & KD Housing



6EFLANGE



6FLANGEB



64FKIT

500 Series

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



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
50*02Z*R	Horizontal mount warning	Linear Super-LED®	Requires optional mounting	A, R, B, W	12	1.0/peak 0.40/avg	25 Scan-Lock™	6" Pigtail	B (A/B) C D (A/B)	1-5/8" (41mm) H x 5" (127mm) W x 1-3/4" (44mm) D (lighthouse only)
50**2ZCR	Horizontal mount split warning			A/A, B/B, W/W, R/R, A/W, B/W, R/W, A/G		0.50/peak 0.20/avg per side				
5V*02Z*R	Vertical mount warning			A, R, B, W		1.0/peak 0.40/avg				
50AA2SA2	Vertical mount for truck cab		Includes Chrome flange	A						
50*03Z*R	Warning	TIR6™ Super-LED	Requires optional mounting	A, R, B, W	12	0.63/peak 0.315/avg	25 Scan-Lock™	6" Pigtail	B (R) C D	1-5/8" (41mm) H x 5" (127mm) W x 1-3/8" (35mm) D
50**3ZCR	Split warning			A/A, B/B, W/W, R/R, A/W, B/W, R/W		0.315/peak 0.125/avg per side				
5V1*	Warning	V-Series & TIR Super-LED	Requires optional mounting	A, R, B, W, G		1.5/peak 0.6/avg			B (B) D	2-1/8" (54mm) H x 5-3/8" (137mm) W x 1-5/8" (42mm) D
5V3*	Warning, alley/flood & puddle light	V-Series Super-LED		A, R, B, W warning, with W illumination		0.12 warning 1.0 alley 0.5 puddle				

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



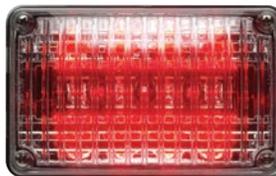
Model	Option Description
5FLANGEB	Black flange kit
5FLANGEC	Chrome plated flange kit
5FLANGEP	Polished aluminum flange kit
5GROMMET	Rubber grommet kit
5TSMAB	Black surface mount adapter, TIR6 Super-LED only
5TSMAC	Chrome plated surface mount adapter, TIR6 Super-LED only

Model	Option Description
5GBKT1	"L" Bracket for use with grommet mount lighthouse 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
5GM2LRC	Chrome plated grille mount for Freightliner M2, 2015-2018, pair
5IM2LRC	Chrome plated fender mount for Freightliner M2, 2015-2018, pair

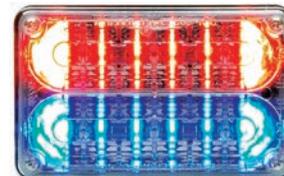


400 Series

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



40R02ZCR



40RB5SCR



4V3R

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
40**5SCR	Dual level warning	Linear Super-LED®	Requires optional mounting	A, R, B, W	12	1.8/peak 0.72/avg	Requires optional flasher	6" Pigtail	C W	3-3/16" (77mm) H x 4-15/16" (124mm) W x 2" (50mm) D
40*02Z*R	Single level warning					0.90/peak 0.36/avg	25 Scan-Lock			B,C, D
4V3*	Warning, alley/flood & puddle light	3-in-1 Super-LED lighting	Surface	A, R, B, W warning, steady W for alley and puddle		1.2 warning 0.40 alley 0.12 puddle	Warning has 25 Scan-Lock patterns		W	3-1/16" (77mm) H x 4-15/16" (124mm) W x 2- 3/4" (69mm) D

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



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

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



4EFLANGE



4FLANGEB



4TSMAB



4TSMAC



4EGRILP



4EGRILB

Strip-Lite™

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



PSR00FRR

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

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

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



PSBKT1



PSBKT451

ION™ T-Series™ & **NEW** 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
- **NEW** Amber/Green model with Clear lens

ION Mini T-Series

- SAE Class 1 Certified (single color only)
- Available in single or split colors



SOLO TL1B



DUO TL12J

Side View



TL1J



SOLO **NEW** TL1MB

Model	Series	Optics	Technology	Mount	Color	Lens	VDC	Amps	Patterns	Cable	Size		
TL1*	T-Series	SOLO	Linear Super-LED®	Surface	A, B, R, W	Clear	12	0.6/peak 0.24/avg	25	4 Wire 6" Pigtail	1-1/2" (38mm) H x 5" (127mm) W x 1/2" (13mm) D		
TL1#					R/W, B/W, A/W, R/B, A/B, A/G				69				
TL12#		DUO			25								
TL1M1*	Mini T-Series	SOLO			A, B, R, W				0.4/peak 0.16/avg			25	1-1/2" (38mm) H x 3-3/8" (85mm) W x 1/2" (13mm) D
TL1M1#					R/W, B/W, A/W, R/B, A/B				0.2/peak 0.08/avg per color			69	

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



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

Model	Option Description
TIONBKT3	"L" mounting bracket for 2 lights
TIONBKT4	NEW Universal over/under "L" mounting bracket for 2 lights
TIONMFC	NEW Mini T-Series Chrome flange



ION™ Series

- 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



WIONSMCR



IONB



I3JC

Model	Optic	Technology	Mount	Color	Housing	VDC	Amps	Patterns	Cable	Certs	Size
ION*	Directional	Linear Super-LED®	Universal	A, R, B, W	Black	12	1/peak 0.40/avg	25 Scan-Lock™	6" Pigtail	B, C, D (A/B/R)	Universal Mount 1" (25mm) H x 4" (101mm) W x 1-1/4" (32mm) D
ION#				R/B, R/W, B/A						C, D (W)	
WION*	Wide-angle			A, R, B, W						A, B, C, D (A/R)	
WION#				R/B, R/W, B/A						B, C, D (B)	
IONSM*	Directional		A, R, B, W	Chrome	B, C, D (A/B/R)						
IONSMC*			R/B, R/W, B/A	Black	C, D (W)						
IONSM#			Surface	A, R, B, W	Black					A, B, C, D (A/R)	
IONSMC#				R/B, R/W, B/A	Chrome					B, C, D (B)	
WIONSM*	Wide-angle		A, R, B, W	Black	A, C, D (W)						
WIONSMC*			R/B, R/W, B/A	Black	A, B, C, D (A/R)						
WIONSM#			R/W	Chrome	B, C, D (B)						
WIONSMCD					A, C, D (W)						
I2#	DUO	Universal	A/W, B/W, R/W, B/R, B/A	Black	1/peak 0.40/avg	64	25	6"	Pigtail	B, C, D (A)	Surface Mount 1-11/16" (43mm) H x 6" (150mm) W x 1-1/8" (28mm) D
I2SM#		Surface									
I3#	TRIO	Universal	R/B/W, R/B/A, R/A/W, B/A/W	Black	1/peak 0.40/avg per color	64	25	6"	Pigtail	B, C, D (A)	Surface Mount 1-11/16" (43mm) H x 6" (150mm) W x 1-1/8" (28mm) D
I3SM#		Surface									

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



For TRIO Lighthead replace symbol # with dual letters indicating colors desired: JC=Red/Blue/White with White override,
 JA=Red/Blue/Amber with Amber override, KC=Red/Amber/White with White override, MC=Blue/Amber/White with White override

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

Model	Option Description
IONBKT2	Rear hatch bracket, 2013-2018 Ford Police Interceptor Utility for 6 lights
IONBKT4	Rear hatch bracket, 2013-2018 Ford Police Interceptor Utility 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 brackets for 2015-2018 Chevy Tahoe, pair



IONK1B



IONGROM



IONPEDB



IONBKT1



IONBKT5



IONBKT6



IONBKT7

ION™ V-Series™

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



IONSV3B

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

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



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

Model	Option Description
IONBKT2	Rear hatch bracket, 2013-2018 Ford Police Interceptor Utility for 6 lights
IONBKT4	Rear hatch bracket, 2013-2018 Ford Police Interceptor Utility 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 brackets for 2015-2018 Chevy Tahoe, pair



Micron™ Series

- Stud mount Micron allows for easy and simple surface mount installation
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- Synchronize to other Whelen sync products
- Five year warranty



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

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



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



TIR3™, LIN3™, & LINZ6™ Series

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



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

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

Model	Series	Option Description
RBKT6	TIR3 LIN3 LINZ6	License plate bracket for 2 lightheads, horizontal
RBKT7		License plate bracket for 2 lightheads, vertical
RBKT12		Above rear taillight bracket, Ford F-250/350/450/550, 2013-2016
RBKT14		Above rear taillight bracket, Chevy Silverado/GMC 1500, 2014-2018
RBKT17		Above rear taillight bracket, Dodge Ram, 2014-2018
RBKT18		Above rear taillight bracket, Ford F-150, 2015-2018
RBKT19		Below rear taillight bracket, Ford F-150, 2015-2018
LINZ6FC L6BKT3		Deep Chrome plated flange kit 46° push bumper bracket



LINV2™ V-Series™

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



LINSV2B



LINV2R

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

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



Model	Series	Option Description
RFLANGEC	LINV2	Chrome plated flange kit
RFLANG2C		Chrome plated flange for dual lightheads
RFLANG2B		Black flange for dual lightheads
RBKT1		Mounting bracket for 1 lighthead
RBKT2		Mounting bracket for 2 lightheads
RBKT4		Swivel mounting bracket
RBKT6		License plate bracket for 2 lightheads-horizontal
RBKT7		License plate bracket for 2 lightheads-vertical
RBKT12		Above rear taillight bracket, pair Ford F-250/350/450/550, 2013-2016
RBKT14		Above rear taillight bracket, pair Chevy Silverado/GMC 1500, 2014-2018
RBKT16		Trunk Mount Bracket, pair Ford Police Interceptor Sedan, 2013-2018
RBKT17		Above rear taillight bracket, pair Dodge Ram, 2014-2018
RBKT18		Above rear taillight bracket, pair Ford F-150, 2015-2018
RBKT19		Below rear taillight bracket, pair Ford F-150, 2015-2018

Model	Series	Option Description
LSVBKT13	LINSV2	Under-the-side view mirror mount, pair, Chevy Silverado 1500/2500, 2014-2018
LSVBKT34		Under-the-side view mirror mount, pair, Police Interceptor Utility, 2013-2018
LSVBKT42		Under-the-side view mirror mount, pair, Dodge Ram 1500, 2011-2016
LSVBKT44		Under-the-side view mirror mount, pair, Dodge Durango, 2013-2016
LSVBKT45		Under-the-side view mirror mount, pair, Chevy Tahoe and Suburban, 2015-2018
LSVBKT47		Under-the-side view mirror mount, pair, Ford F-150, 2015-2018



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
- Fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- 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	FPM	Amps	Cable	Size
VTX609*	Omni-directional	Super-LED®	1" Hole recess or Surface <small>(Mounting Purchased separately)</small>	R, B, A, W	12	25 Scan-Lock™	0.750/peak 0.30/avg	9'	1" (26mm) H x 1-5/8" (41mm) Dia.
VTX609#				Split R, B, A, and/or W					
VTXD609*				Directional/side emitting shield					
VTXD609#	Split R, B, A, and/or W								
VTX3609*	360° side emitter		1" Hole recess	R, B, A, W					
VTX3609#				Split R, B, A, and/or W					
VHB609*	Omni-directional	Surface	R, B, A, W						
VHB609#			Split R, B, A, and/or W						

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



Model	Option Description
VTXFC	Chrome plated flange
VTXFB	Black flange



OS™ Series

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



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

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



4" Round Series

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

Flat Lens

- TIR6™ Super-LED® with synchronize feature

Extended Lens

- Linear6™ Super-LED with synchronize feature
- Optional flasher simultaneously flashes or alternates multiple LED lightheads
- **NEW** Amber/Green model with Clear lens



TIR6, Flat Lens



Linear-LED, Extended Lens



Fog Light Mount

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size								
2F*00Z*R	Flat lens	TIR6 Super-LED	Surface	A, R B, W	12	0.8/max 0.32/avg	25 Scan-Lock™	6" Pigtail	C, D B (A)	4-1/4" (108mm) Dia. x 1-3/16" Depth								
2E*00Z*R	Extended lens	Linear6 Super-LED	Requires optional mounting	A, R B, W		25 Scan-Lock	2/peak 0.9 avg		25 Scan-Lock	A (Lower) B (B/R) C, D	B, C, D	4-1/4" (108mm) Dia. x 2" Depth						
2E#00ZCR				R/B, R/W, B/W		69 Scan-Lock												
2EP00ZCR				A/G		25 Scan-Lock												
FEDC06*R	Extended lens with fog light mount, includes mounting		2011-2018 Dodge Durango	2011-2018 Dodge Durango		A, R B, W							25 Scan-Lock	25 Scan-Lock	69 Scan-Lock	B, C, D	B, C, D	4-1/4" (108mm) Dia. x 2" Depth
FEDC06#R						R/B, R/W, B/W												
FDFP11*R				2011-2014 Ford Expedition, 2015-2017 Ford Expedition SSV with round fog lights		Interleaved W with R or B							25 Scan-Lock					
FDFP11JR													Interleaved W with B over R					
FEFP11*R						A, R B, W							25 Scan-Lock					
FEFP11#R				R/B, R/W, B/W		69 Scan-Lock												

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



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



2FLANGEC



2FLANGEB



2GROMMET

2G & 5G Series

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



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

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

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



3" & 3-1/2" Round Series

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

3" Round

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

3-1/2" Round

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



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
3S*00F*R	3" Round	LED	Surface	A,R,B	12	0.50mA/peak 0.25mA/avg	160 FPM	6" Pigtail	A C,D (Class 1, 2 & 3)	3" (76mm) Dia.
PAR28*	3-1/2" Round	Linear6™ Super-LED®	Fog light	A,R,B,W		2mA/peak 0.9mA/avg	25 Scan-Lock		A,B,C,D	3-1/2" (89mm) Dia.
PAR28#				R/B, R/W, B/W		69 Scan-Lock	A,B,C,D			
PAR28D*	3-1/2" Round White Driving Light			W with B or R		50 Scan-Lock	C,D			
PAR28DJ				W with B over R						

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



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



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	Certs	Size	
20R00XRR	4" Round	LED	Requires optional mounting	R	R	12	0.4/high 0.4/low	6" Pigtail	J, K, L, Y, X, Q	4-1/4" (108mm) Dia.	
M6BTT	M6 Series		Surface				0.85/brake 0.06/tail		J, K, L, X, Y	4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D	
M9BTTX	M9 Series						0.75/brake 0.55/tail		J, K, L, X, Y	6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D	
40BTT	400 Series		0.375/brake 0.040/tail				J, K, I		3-3/16" (77mm) H x 4-15/16" (124mm) W x 2-3/4" (69mm) D		
C6BTT	C6 Series	SurfaceMax Super-LED	Surface				C		0.40/brake 0.050/tail	J, K, L, T, X, Y	5-1/8" (130mm) H x 8-5/16" (210mm) W x 1-9/16" (40mm) D
C6BTTCTC							R		0.80/brake 0.050/tail	F, G, H, J, L, M, T, V, Y	4-1/16" (103mm) H x 8-1/8" (206mm) W x 1-9/16" (40mm) D
C7BTT	C7 Series						R			0.350/brake 0.040/tail	J, K, L, X, Y
C7BTTCTC							C		J, K		1" (25mm) H x 11-1/2" (292mm) W x 1-3/8" (35mm) D
C9BTT	C9 Series						R		0.5 high/0.05 low	J, K	-
C9BTTCTC							C				
PSR00XRR	Strip-Lite™			LED	R/A	R	0.225 turn/150mA brake/40mA turn	-			
PSRASXCR	LED with turn			C							

Model								Option Description
4" Round	M6	M7	400	C6	C7	C9	Strip-Lite	
2FLANGEC	M6FC	M7FC	4EFLANGE	C6FC	C7FC	C9FC	-	Chrome plated flange
2FLANGEB	M6FB	M7FB	4FLANGEB	C6FB	C7FB	C9FB	-	Black flange
-	M6BRUSH	M7BRUSH	-	-	-	-	PSBKT1	Brush guard
2GBKT1	-	-	-	-	-	-	-	"L" bracket
2GROMMET	-	-	-	-	-	-	-	Grommet mount kit
-	M6FCV2	-	-	-	-	-	-	Chrome flange, 2 lamps, vertical
-	M6FCV3	-	-	-	-	-	-	Chrome flange, 3 lamps, vertical
-	M6FCV4	-	-	-	-	-	-	Chrome flange, 4 lamps, vertical
LEDLOAD								Adds additional amperage load



Turn Signals

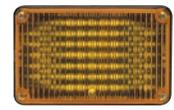
- **NEW** SurfaceMax™ Series Super-LED® with all-new patented mounting technology
- Arrows may be mounted left or right
- 400 LED Series is turn indicator/front marker clearance light combination
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Mounting options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



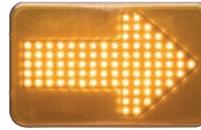
M6T



M9T



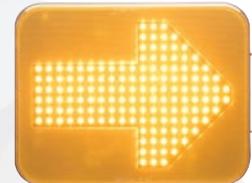
40A00AAR



NEW C6TC



NEW C7TC



NEW C9TC

Model	Optics	Technology	Mount	Color	Lens	VDC	Amps	Patterns	Cable	Certs	Size
M6T	M6 Series	LED	Surface mount	A	Clear	12	0.75/peak	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				Clear		1.2/peak				6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D
40A00AAR	400 Series				Color		0.4/peak 0.06/avg	2		X, Y	3-3/16" (77mm) H x 4-15/16" (124mm) W x 2-3/4" (69mm) D
C6T	C6 Series	SurfaceMax Super-LED	Optional mounting available	A	Color	12	0.460/peak 0.180/avg	6	6" Pigtail	L, Y	5-1/8" (130mm) H x 8-5/16" (210mm) W x 1-9/16" (40mm) D
C6TC					Clear						0.420/peak 0.170/avg
C7T	C7 Series				Color		0.720/peak 0.280/avg				
C7TC					Clear						
C9T	C9 Series				Color						
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 lighthoods, vertical
M6FCV3	-	-	-	-	-	Chrome flange for three lighthoods, vertical
M6FCV4	-	-	-	-	-	Chrome flange for four lighthoods, vertical
M6FC600	M9FC900	-	-	-	-	Chrome flange converts to 600 or 900 Series lighthouse



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	Certs	Size
M6BUW	M6 Series	Super-LED	Surface	W	12	1.6	Steady	6" Pigtail	N	4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D
M9BUW	M9 Series					1.8				6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D
5GC00WCR	5G Series		Includes grommet			0.15				3-3/16" (77mm) H x 7-7/16" (189mm) W x 1-1/2" (38mm) D
40C00VCR	400 Series	LED	May be surface mounted			0.35				4-15/16" (124mm) W x 2-3/4" (69mm) D
40BUH		Super-LED	Horizontal			1.0				
40BUV			Vertical							
60C00VCR	600 Series	LED minimum	May be surface mounted			0.35				4-1/8" (105mm) H x 6-1/2" (165mm) W x 1-3/8" (35mm) D
60C00WCR		LED maximum				0.6				
70C00VCR	700 Series	LED minimum	Optional mounting available			0.35				3-1/16" (78mm) H x 7-1/4" (184mm) W x 1-1/4" (31mm) D
70C00WCR		LED maximum				0.5				

Model					Option Description
Super-LED		LED			
M6	M9	400	600	700	
M6FC	M9FC	4EFLANGE	6EFLANGE	7EFLANGE	Chrome plated flange
M6FB	M9FB	4FLANGEB	6FLANGEB	7FLANGEB	Black flange
M6BRUSH	M9BRUSH	-	-	-	Brush guard
-	-	-	-	-	Polished aluminum flange
M6FCV2	-	-	-	-	Chrome flange for two lighthoods, vertical
M6FCV3	-	-	PLAST3V	-	Chrome flange for three lighthoods, vertical
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 mount lightheads are instant on with no warm-up time
- 500 Series lightheads require mounting option, purchased separately
- 900 and M9 Series lightheads are certified to meet KKK 1822-F requirements and AMD 024 Standard
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty



Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size
6SC0ENZR	600 Series	Super-LED	Surface	W	12	1.5	Steady	6" Pigtail	4-1/8" (105mm) H x 6-1/2" (165mm) W x 1-3/4" (44mm) D
60C0ELZR			Recess			2			
7SC0ENZR	Surface		2			3-1/16" (78mm) H x 7-1/4" (184mm) W x 1-3/4" (44mm) D			
70C0ELZR	Recess		2						
9SC0ENZR	900 Series		Surface, includes Chrome flange			6			7-1/8" (181mm) H x 9-1/8" (232mm) W x 1-3/4" (44mm) D
M6ZC	M6 Series		Surface			2			4-5/16" (109mm) H x 6-3/4" (170mm) W x 1-3/8" (35mm) D
M7ZC	M7 Series					2.25/peak 0.9/avg			3-3/8" (86mm) H x 7-5/8" (194mm) W x 1-3/8" (35mm) D
M9LZC	M9 Series					6			6-1/2" (165mm) H x 10-3/8" (263mm) W x 1-3/8" (35mm) D

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



Interior Lighting

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



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	6-7/16" (163mm) H x 8-3/16" (208mm) W x 1-1/4" (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
20C0CDCD							
5GC0CCCR	5G Series compartment	Super-LED	Includes Black grommet, requires optional mounting		0.525	3-3/16" (81mm) H x 7-7/16" (189mm) W x 1-1/2" (38mm) D	
PSC0ADCR	Strip-Lite compartment	6 diode LED	Surface		0.240	1" (25mm) H x 11-1/2" (292mm) W x 1-3/8" (35mm) D	
PSC0CDCR		18 diode LED			0.480		
F09PC	Fluorent Plus compartment tube lighting	Super-LED			Surface	0.06	5/8" (16mm) H x 9" (228mm) W
F18PC						0.125	5/8" (16mm) H x 18" (457mm) W
F27PC						0.16	5/8" (16mm) H x 27" (686mm) W
F36PC						0.18	5/8" (16mm) H x 36" (914mm) W
F45PC						0.24	5/8" (16mm) H x 45" (114cm) W
F54PC				0.32		5/8" (16mm) H x 54" (137cm) W	
F63PC				0.42		5/8" (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 are designed for better night vision and includes independent control of color and White light
- 6" Round extreme low profile surface mount is available in 24 volt models. Certified for NFPA 1901 and NFPA 1917 primary or alternative spec when properly configured
- 700 Series has illuminated switches
- 8" Round has high lumen output of 1,000/Hi and 80/Low, simulating natural light at midday. Certified to meet KKK-1822F requirements when properly installed
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty



Model	Optics	Technology	Mount	Housing	Switch	VDC	Amps	Cable	Size	
3SC0CD CR	3" Round LED	Compartment White	Surface Optional mounting available	Rubber gasket housing	-	12	0.380	6" Pigtail	3" (76mm) Dia.	
3SR0CD RR		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	-	-	12	1.2/High 0.13/Low	6" Pigtail	6" (152mm) Dia. x 5/8" (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		3-1/16" (78mm) H x 7-1/4" (184mm) W x 1-1/4" (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	12	1.2/High 0.13/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 0.50/Color			
80CREHCR		6 White diodes 3 Red diodes								

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



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

- 0S™ Series includes Chrome housing. It's 45° angle illuminates step surfaces and areas needing angled lighting. Interior or exterior use
- 2" Round Series marker or clearance light includes 2-1/2" adapter for customer supplied 2-1/2" grommet, plus a 3" and 3-1/2" flange mount
- PSTANK light indicates fluid level of water tank on vehicle
- 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
- Includes 6" pigtail
- Five year warranty



Model	Optics	Technology	Application	Mount	Color	Lens	Housing	VDC	Amps	Patterns	Size
OSC0EDCR	0S Series	LED	White illumination	Surface	W	Clear	Chrome	12	0.3	Steady	1" (25mm) H x 1-1/2" (38mm) W x 1/2" (13mm) D
OAC0EDCR					A	A					1" (25mm) H x 1-7/8" (48mm) W x 7/8" (21mm) D
OSA00MCR			R		R	1" (25mm) H x 1-1/2" (38mm) W x 1/2" (13mm) D					
OSR00MCR			R		R	2" (51mm) Dia.					
T0A00MAR	2" Round	LED	Marker or clearance	Surface	A	A	-	12	0.8/max 0.5/avg	Steady	2" (51mm) Dia.
T0R00MRR					R	R					
PSTANK	Strip-Lite™	LED	Fluid indicator		R, A, B, G				0.45/max		1-3/8" (35mm) H x 11-1/2" (292mm) W
PELCC	PEL Series	LED	Ground perimeter lighting	Surface	W	Clear	Chrome	24	.85	Steady	2-1/4" (56mm) H x 7-7/8" (201mm) W x 1-5/8" (42mm) D
PELCB							Black				
PELCC4							Chrome				
PELCB4							Black				
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	1 wire control for Spot and Warning	5-5/8" (144mm) Dia x 2-11/16" (69mm) D
P46SLCX							Smoked				
P46FLC							Clear				
P46FLCX							Smoked				
P46WLC							Clear				
P46WLCX							Smoked				
P46S2*	PAR-46	Super-LED®	8° Spotlight with Blue or Red warning	Drop-in replacement for outdated halogen spotlight lamps	W	Clear	Black powder coated die-cast aluminum heatsink	12	1.0 Warning	1 wire control for Spot, Warning with alternating flash	5-5/8" (144mm) Dia x 1-13/16" (46mm) D
P46S2X2			8° Spotlight with California Steady Red								
P46S2*3			8° Spotlight with Blue or Red warning								
P36SLC	PAR-36	LED	2° Spotlight	Surface	W	Clear		12/24	0.85 @ 12 VDC 0.325 @ 24 VDC	Steady	4-1/2" (111mm) Dia. x 2" (51mm) D

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



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



Flashers

- Polycarbonate housing
- UHF Series has external mounting flanges
- Ambulance flashers have LED service indicators, short circuit plus thermal protection and are for internal use only
- Model AFM1660 has two-wire design
- Model AFM560 has one wire design with quick install, high current terminal block
- Model AFL530 is one wire design with quick install 7-position screw terminal block
- Two year warranty
- **NEW** 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
 - Five year warranty



Model	Usage	Lamp Load Type	Output Driver Technology	Outlets	Outlet Switching	Amps per Outlet	VDC	Patterns	Encap-sulated	Certs	Size
AFM1660	Ambulance lightheads	Halogen, LED or Super-LED®	High side solid-state	16	KKK1822 Mode 1 and Mode 2	5	12	4	-	KKK-F	5/8" (15mm) H x 7-1/4" (184mm) W x 3-13/16" (97mm) D
AFM560				5		3 @ 25A 2 @ 10A					5/8" (15mm) H x 7-1/4" (184mm) W x 3-13/16" (97mm) D
AFL530		LED or Super-LED				3 @ 10A 2 @ 5A					5/8" (15mm) H x 6-1/2" (165mm) W x 2-3/4" (70mm) D
SSFPOS	Headlight/grille light	Halogen, LED or Super-LED	Relay	2 Outlets	1x1	12.5	12	7	Yes		7/8" (22mm) H x 2" (50mm) W x 2-3/4" (70mm) D
UHF2150A											1-1/2" (38mm) H x 4-1/4" (108mm) W x 3" (76mm) D
ULF44	Lighthead	LED or Super-LED	High side solid-state	4 Outlets 4 Channels	2x2	5	12	62 alt/simul	-		3/4" (26mm) H x 2-3/4" (70mm) W x 3-1/2" (89mm) D
UFM8		Halogen, LED or Super-LED	Low side solid-state	4 Outlets	2x2x2x2			16 plus Traffic Advisor™			3/4" (26mm) H x 2-3/4" (70mm) W x 3-1/2" (89mm) D
SLFLASH		Auxiliary LED lightheads	LED	100% solid-state	8			Program-mable			64

Model	Option Description
LEDLOAD	In-line load resistor kit to interface with OEM turn signal circuit
PROGRAM1	Scan-Lock™ flash pattern programmer

Power Control Centers & Switches

- Adjustable bail bracket mounting
- Backlit function windows for choice of 72 standard press-on legend tabs
- PCC8R's basic eight position keypad with remote relay box is ideal for DOT, Tow and Wrecker vehicles
- Handheld or mounted to the dash or console, the WCC9 replaces the standard ECM (Electronic Control Module) on WeCan® lightbars
- Includes LED "On" indicator
- 12 VDC
- Two year warranty



WCC9
WCC92



PCC8R



PCCS9RW



PCCS9LW



PCC4W



PCC6W
PCC6W1



PCC10W
PCC10W1

Model	Type and Usage	Switches	Switch type	Installation	Size
PCCS9RW	High current center for lightbars/lighting systems without need for separately mounted relays or relay boxes	6 Push-buttons and 1 four position dip switch programmable slide switch	6 On/Off, momentary 20 amp relays	11 Fast-on outputs, 4 pos AMP Mate-N-Lok® -for control, 2 pos Molex Mini Fit SR® - for power	1-5/8" (40mm) H x 6" (152mm) W x 6-1/4" (159mm) D
PCCS9LW	Economical control center for use with Freedom® & Liberty II™ lightbars	6 Push-buttons and 1 four position dip switch programmable slide switch	6 On/Off, 1 programmable On/Off switch	1 Nine position and 5 conductor AMP Mate-N-Lok connector, to match lightbar cables	1-5/8" (40mm) H x 6" (152mm) W x 4" (102mm) D
PCC4W	SPST, Lighted switches	4	25 amp	5 Wires power input, 5 wires output	2-1/4" (57mm) H x 3-1/4" (83mm) W x 4" (102mm) D
PCC6W		6	(6) 25 amp	8 Position rear connector block	2-1/4" (57mm) H x 6-5/8" (168mm) W x 3-5/8" (92mm) D
PCC6W1			(5) 25 amp, 1 momentary		
PCC10W		10	20 amp		
PCC10W1			(9) 20 amp, 1 momentary		
PCC8R	Eight position key pad with remote relay box	8	(3) 20 amp relays and (5) 10 amp relays		
WCC9	Electronic control for Freedom and Justice® WeCan Lightbars	6 Push-buttons and 1 four position dip switch programmable slide switch for 10 primary functions	6 Normally open, momentarily closed tactile switches with 3-position slide switch	Small diameter, 22 gauge, 2-C cables, mates to your WeCan lightbar for easy installation	2-1/2" (64mm) H x 4-3/16" (106mm) W x 7/8" (22mm) D
WCC92	Electronic control for Liberty II and Legacy® WeCan Lightbars	6 Push-buttons and 1 four position dip switch programmable slide switch for 10 primary functions	6 Normally open, momentarily closed tactile switches with 3-position slide switch	Small diameter, 22 gauge, 2-C cables, mates to your WeCan lightbar for easy installation	2-1/2" (64mm) H x 4-3/16" (106mm) W x 7/8" (22mm) D

Switch Panel Models					
Model	Type	Usage	Switches	Switch Type	Illuminated
1SWITCH	"L" shaped aluminum switch bracket only Choose switches from choices below	For 1 switch	Optional	-	-
2SWITCH		For 2 switches			
3SWITCH		For 3 switches			
4SWITCH		For 4 switches			
PC1	Switch only with 15 amp contact	On/Off	1 Each	SPST	Yes
PC2		Momentary On		SPDT	-
PC3		On/Off/On		SPDT	Yes



NEW CenCom Carbide™ Remote Light and Siren Control System

- Control warning lights, siren, and Traffic Advisor™ functions from a single keypad
- Easy program configuration via USB 2.0
- Fully Supports all WeCan® Series products
- Supports up to 2 of the following: front WeCan Inner Edge®, new rear WeCan Inner Edge, or optional remote 16 output modules
- Separate backlight control
- 18 fully protected and fused outputs
- Supports one or two 100 watt speakers
- LED indicator lights allow for simple troubleshooting of outputs and WeCan network
- Easily accessible fuses and connections
- Heavy-duty power and output connectors
- Supports optional WeCan dual siren amplifier option
- Completely configurable by the user, the three section control head is designed with tick marks, a raised surface, and a recessed center for ease of use
- Meets or exceeds all applicable SAE, California Title XIII requirements with various Whelen speakers
- Five year warranty



Situation Based Integration

- Carbide controls scene-specific lighting for safety and efficiency using any of the integrated 4 programmable inputs, 8 optional expansion inputs or CanPort™, 18 programmable outputs, and optional expansion modules
 - Turn lights/buttons on or off when the door opens, vehicle transmission is shifted, brakes are pressed, or the sun goes down
 - Automatically turn on flood lighting when take-downs are activated
 - Change warning patterns with siren tones
 - Activate a burst of light when the air horn is pressed
 - Light up the rear of the vehicle when brakes are pressed

Model	Description	Size
CCSRN4	Amplifier Control Module	3-1/8" (79mm) H x 11-1/2" (289mm) W x 7-5/8" (194mm) D
CCSRN4A	Same as CCSRN4, except with 8 (positive or negative) Input Expansion Module (will not override any pre-existing control head features), 12 total inputs	
CCSRNT4	Same as CCSRN4, except with Traffic Advisor module	
CCSRNT4A	Same as CCSRN4A, except with Traffic Advisor module	
CCSRN5	Amplifier Control Module with CANport OBDII Interface module	
CCSRNT5	Same as CCSRN5, except with Traffic Advisor module	

Model	Control Head Options	Size
CANCTL5	Includes handheld combination microphone and controller, 5-position progressive light and siren control, nine push-buttons and microphone extension cable	5-9/16" (141mm) H x 2-11/16" (68mm) W x 1-1/4" (30mm) D
CANCTL6	Includes 3 section control head and 8 push-buttons, 4-position slide switch with a 7-position rotary knob, manual airhorn plus 3 Traffic Advisor switches and microphone with extension cable	3-1/2" (89mm) H x 6-7/8" (174mm) W x 1-5/16" (33mm) D
CANCTL7	Includes 3 section control head and 21 push-buttons, 4-position slide switch, microphone with extension cable. (Not for use with CANWC1)	3-1/2" (89mm) H x 6-7/8" (174mm) W x 1-5/16" (33mm) D

Model	Option Description
CCSRN4DA	WeCan External Amplifier, for use with CanTrol®, for dual amplifier applications
CC5K1	Installation kit for CANWCT3 Series, for 2016-2018 Ford Police Interceptor Utility, Ford Interceptor Sedan and F-150, and 2016-2018 Dodge Charger
CC5K2	Installation kit for CANWCT3 Series, for 2016-2018 Chevy Tahoe
CANEM16	16 Output expansion module

CenCom Sapphire™ Remote Light & Siren Control System

- Control warning lights, siren, and Traffic Advisor™ functions from a single keypad
- Integrated WeCan® serial port for use with WeCan lightbars and Inner Edge® lightbars
- Four positive or negative inputs, twelve outputs
- LED indicator lights for simple troubleshooting
- Easily accessible fuses and connections
- Heavy-duty power and output connectors
- Easy program configuration with CenCom Sapphire software, includes ability to configure lightbar via USB
- Each button is individually customizable
- Control head backlighting intensity can be adjusted
- Push-buttons include choice of function labels
- Available with or without integrated Traffic Advisor
- Optional 8 positive or negative input expansion module available
- Features integrated load management and shutdown delay timer
- Operates one or two 100 watt siren speakers
- Meets or exceeds all applicable SAE, California Title XIII requirements with various Whelen speakers
- Five year warranty on amplifier



Amplifier



CCSRN3
CCSRNTA3
CCSRN3A
CCSRNT3A



CCSRN36
CCSRNT36
CCSRN3F
CCSRNT3F



Standard
Microphone



CCSRN35
CCSRNT35

Model	Control Head	Traffic Advisor	Amps per Output	VDC	Micro-phone	Microphone Extension	Size
CCSRN3	3 Position slide switch and 18 push-buttons	-	1 @ 40A	12	Standard	20' Cable included	Siren Amplifier: 3-1/8" (79mm) H x 8-1/4" (210mm) W x 6-3/4" (171mm) D
CCSRN3A		Includes Traffic Advisor module					
CCSRNTA3							
CCSRNT3A							
CCSRN35	Handheld with 3 position progressive push-button switches and 9 push-buttons	-	2 @ 20A	12	Built into control head	20' Cable included	Rectangular Control Heads: 3-1/2" (89mm) H x 6-7/8" (174mm) W x 1-5/16" (33mm) D
CCSRNT35		Includes Traffic Advisor module	4 @ 10 A 4 @ .25 mA				
CCSRN36	3 sections with 8 push-buttons, 3 position slide switch with a 7 position rotary knob, manual airhorn, plus 3 Traffic Advisor switches	-	1 @ 10 A Dry contact relay	12	Standard	20' Cable included	Handheld Control Head: 5-5/16" (135mm) H x 2-3/16" (56mm) W x 1-1/8" (29mm) D
CCSRN3F		Includes Traffic Advisor module					
CCSRNT36							
CCSRNT3F							

Model	Option Description
CCTRIM	Trim Ring for semi-flush mounting of control head



CCTRIM

Siren Amplifiers

NEW HHS3200

- Meets Class A requirements of SAE, AMECA, KKK1822, and California Title XIII
- Windows based programming software for full customization and configuration
- Two year warranty

Controller

- Handheld siren/light control with built-in PA microphone
- Compatible with low current or high current products or any light with a built-in flasher
- Blue LED backlighting turns Red when a button is activated
- Includes function labels for full customization
- Unidirectional microphone overrides all siren functions
- Adjustable (preset) microphone and radio repeat volume
- 6' coiled cord microphone cable

Amplifier Module

- Durable Black plastic housing
- Wail, Yelp, Piercer, Manual Siren, and Airhorn tones are preset standard
- Includes 24' interconnect cable
- External spade-type fuses

WSSC

- Combination siren and speaker in a single compact unit
- Heavy-duty 30-watt amplified siren ideal for use on motorcycles, ATVs, snowmobiles, etc.
- Hands-free operation for Wail and Yelp tones lets you keep both hands steering while accessing warning tones
- Aluminum housing plus water-resistant connectors for vibration and moisture resistance
- Model WSSPA30 with Public Address and includes plug-in microphone



NEW HHS3200



WSSC30
WSSPA30

Model	Series	Siren Type	Total Amp Draw	Output Power (Watts)	VDC	Switches	Hands Free	Siren Tones	Mount	Size
WSSC30	WSS Series	Combination remote siren/speaker	2	30	12	Requires customer supplied switches	Yes, for Wail and Yelp tones	10 Plus Airhorn with override	Two way "L" bracket	4-5/16" (110mm) H x 5-1/2" (138mm) W x 4-5/8" (118mm) D
WSSPA30		Combination remote siren/speaker with standard microphone						10 Plus Airhorn with override and Public Address		
HHS3200	HHS Series	Handheld siren/light control with built-in PA microphone	Nine 10 amp relay outputs	1 or 2 100 Watt speakers		15 rubberized push-buttons	Yes	37 Total tones, including mechanical tones	Flange mount	Amp/Relay module: 5-1/2" (141mm) H x 2-3/4" (68mm) W x 1-1/4" (31mm) D Control head: 7-1/2" (189mm) H x 8-1/2" (215mm) W x 2-3/8" (59mm) D

Model	Option Description
WSSC30HK	Harness kit for synchronization of two WSSC30s
WSSMSW3	Motorcycle switch, 3-functions for siren, airhorn and lighting (5 amp max) for WSSC30 and WSSPA30

Siren Amplifiers

- GAMMA2™ has 2 auxiliary switches and meets SAE Class A with two 100 watt speakers. Meets California Title XIII requirements
- Epsilon™ Series is an economical full featured self-contained electronic siren. Meets SAE Class A and California Title XIII
- 12 VDC



Model	Series	Siren Type	Current Draw (Amps)	Output Power (Watts)	Switches	Hands-Free	Siren Tones	Microphone	Mount	Size
GAMMA2	Gamma Series	Economical siren with 2 auxiliary switches	8	100	2 On/Off 20 amp auxiliary rocker switches with LED "On" indicators	Yes	16 Scan-Lock™	-	Bail bracket	2-1/4" (57mm) H x 5-3/8" (137mm) W x 5-1/2" (140mm) D
EPSL1	Epsilon Series	Economical self-contained full function with real time Diagnostix™	8 @ 100w	100	7 Position rotary switch	Yes, via horn ring	9 Scan-Lock programmable includes PA	Yes		2-1/4" (57mm) H x 5-7/8" (149 mm) W x 5-1/2" (140mm) D
EPSL2S6			8 @ 100w	1 or 2 100 Watt speakers	7 Position rotary switch and 6 On/Off toggle					3-1/4" (83mm) H x 5-7/8" (149 mm) W x 5-5/8" (143mm) D
EPSL2S9			16 @ 200w		7 Position rotary switch, 4 position slide switch and 6 On/Off toggle					

295 Series Electronic Sirens

- All sirens can drive one or two 100 watt siren speakers
- Combination On/Off and horn ring transfer switch
- Solid-state over/under voltage shutdown and output short circuit protection
- Input polarity protection
- Models available with SI-TEST® a silent, self-diagnostic indicator of siren or speaker failure
- Adjustable bail bracket allows mounting in a variety of positions
- Locking quick disconnect plug
- Siren functions are backlit for ease of visibility
- 295SSA1 - Newly designed, programmable remote amplifier and control head with lights and siren control



Model	Siren	Control	Mount	Switches	Output	SI TEST	Tones	Certs	Warranty	Size
295SDA1	Dual toned programmable remote amplifier and control head with lights and siren control	2 Separate siren amplifiers in one housing	Recess or bail bracket for under dash mounting	3 Position slide switch, 8 programmable push-buttons, radio repeat button, and 6 siren control push-buttons	3-20 Amp 8-10 Amp	-	20 Scan-Lock™	J1849 KKK 1822F	2 Year	Control Head: 3-1/2" (89mm) H x 6-7/8" (219mm) W x 1-1/4" (32mm) D
295SSA1	Single tone programmable remote amplifier and control head with lights and siren control	1 Siren amplifier		7 Position tone rotary knob with volume control knob			17 Scan-Lock			Meets California Title XIII
295SLSA1	Self-contained	Selectable 100 or 200 watt	Flush mount	7 Position tone rotary knob	-	yes	4	Meets California Title XIII	5 Year	Control Head: 2-7/8" (73mm) H x 6-1/4" (159mm) W x 2-3/4" (60mm) D
295HFS2	Control head with remote amplifier			Selectable 100 or 200 watt with dual amplifiers	7 Position tone rotary knob					
295HFS2X										

Model	Option Description
295HFSDA	Second amplifier kit for dual siren amplifier use for 295HFS2

295 Series Electronic Sirens

- All sirens can drive one or two 100 watt siren speakers
- Combination On/Off and horn ring transfer switch
- Solid-state over/under voltage shutdown and output short circuit protection
- Input polarity protection
- Models available with SI-TEST® a silent, self-diagnostic indicator of siren or speaker failure
- Adjustable bail bracket allows mounting in a variety of positions
- Locking quick disconnect plug
- Siren functions are backlit for ease of visibility



Model	Siren	Control	Mount	Switches	Output	SI TEST	Tones	Certs	Warranty	Size
295SLSA6	Single self-contained unit with lights and siren control	9 Individually programmable switches, supports 100 or 200 watts	Recess or bail bracket for under dash mounting	7 Position tone rotary knob with volume control knob, 4 position slide switch for 3 primary warning and 5 push-button switches for secondary warning plus 1 momentary switch, manual tone and horn buttons	High current		17 Scan-Lock™	Meets California Title XIII and SAE J1849	5 Year	3-5/16" (84mm) H x 6" (152mm) W x 7" (178mm) D
295HFSA7	Control head with 200 watt remote amplifier	Dual or mono output, supports two 100 watt speakers	Flush mount	3 Position rocker switch, 7 position tone rotary knob, volume control knob, manual and airhorn buttons	Low current	Yes	12 Includes radio repeat and PA			Control Head: 2-7/8" (73mm) H x 6-1/4" (159mm) W x 3" (76mm) D
295HFSC9	Self-contained dual							Amplifier: 2-1/4" (57mm) H x 9-1/8" (232mm) W x 8" (203mm) D		
295SL100	Economical self-contained unit	Supports 100 or 200 watt speakers	Recess or bail bracket for under dash mounting	7 Position tone rotary knob with manual tone button		-	19 Scan-Lock	Meets California Title XIII and SAE J1849	2 Year	2-1/2" (64mm) H x 6" (152mm) W x 5-1/2" (140mm) D
295SL101				7 Position tone rotary knob with manual tone button and volume control knob			Includes radio repeat and PA			

Model	Option Description
WPKM1	Park Kill connection modules, 30 amp for 295SL100 and 295SL101

Economical Sirens & Airhorns

- Alpha™ Series Sirens let you cycle through two or three siren tones using horn or auxiliary control and is for applications not requiring radio repeat or PA
- Beta™ Series 100 watt siren with public address, radio repeat and Hands-Free operation at a budget price
- WPA Series are water resistant control head features 2 lighted rocker switches for lights/auxiliary, wail/yelp, and 2 non-lighted switches for override/airhorn, and 2 non-lighted switches for override/airhorn, and volume Hi/Low
- PA Series airhorns are inexpensive supplements to vehicle's horn sound level with an airhorn tone



Model	Series	Siren	Output	VDC	Switches	Hands-Free	Tones	Microphone	Mount	Size			
ALPHA12S	Alpha Series	Self-contained	100 Watts	12	3 Position rocker switch and airhorn button		5	-	Bail bracket	2-1/2" (64mm) H x 6" (152mm) W x 4-5/8" (117mm) D			
ALPHASL		Remote	200 Watts		Requires separate switches		15 Scan-Lock™		Base mount flange	2-1/4" (57mm) H x 5" (127mm) W x 4-3/4" (120mm) D			
BETA112R	Remote amplifier only	16 Programmable Scan-Lock					2-5/16" (59mm) H x 5-1/4" (134mm) W x 5-1/2" (140mm) D						
BETA1	Beta Series	Control head only	Requires BETA112R remote amplifier (purchased separately)		7 Position tone rotary knob, and airhorn button	Yes	5	Includes radio repeat and PA	Yes	Pre-drilled for under dash mount	2" (51mm) H x 4-1/2" (114mm) W x 2-11/16" (144mm) D		
BETA2		7 Position tone rotary knob, volume control knob, lights/siren toggle switch and manual/airhorn toggle switch			Surface or recess					1-3/4" (44mm) H x 4-1/4" (108mm) W x 2" (64mm) D			
WPA112	WPA Series	Water resistant remote amplifier	100 Watts		Requires separate switches		4	Includes radio repeat and PA	-	-	2-7/8" (73mm) H x 3-1/2" (89mm) W x 7-7/8" (200mm) D		
WPA3BM		Encapsulated water resistant control head			4 Rocker switches, requires WPA112 siren amplifier						Yes includes 20' cable	Bail bracket	3-7/8" (98mm) H x 7-1/4" (184mm) W x 2-7/8" (71mm) D
WPA3FM											Flush mount	4-5/8" (118mm) H x 8-1/8" (206mm) W x 2-7/8" (71mm) D	
PAH112	PA Series	Power airhorn			Can be wired remotely to the horn ring or to a customer supplied switch		1	-		-	2-1/2" (64mm) H x 5-7/8" (149mm) W x 6-3/4" (171mm) D		
PAP112											1 Includes PA	Yes	
GAMMA2	Gamma Series	Self-contained			2 aux switches, 5 buttons, power, standby, tone, manual, horn	Yes	23 Scan-Lock	-	Bail bracket	2-1/4" (57mm) H x 5-3/8" (137mm) W x 5-1/2" (140mm) D			

Model	Series	Option Description
ALPHA1	Alpha Series Switches	Single rocker On/Off switch for use with Hands-Free operation
ALPHA2		Single On/Off Hands-Free activation plus momentary for airhorn
ALPHA3		Tone 1/Off/Tone 2 switch operation plus momentary switch for airhorn
ALPHA4		Three switch operation, one On/Off, one Tone 1/Hands-Free/Tone 2 plus momentary for airhorn
ALPHA5		Three position toggle switch, controls 3 siren tones and other warning lights or device
BETA2BKT	Beta Series	Flange mounting bracket for BETA2
BETAMIC		Remote microphone for BETA112R (requires customer supplied switches)
PAPEXT15	PA Series	15' Microphone extension cable for PAP112 only



Siren Speakers

- SA315P & SA314 Series for bumper, concealed or flange mount, installs to vehicle's cross member in minutes
- UnderPro™ ambulance speakers are left or right side mounted
- Bumper mount speakers for the 2015-2018 Ford Transit



Model	Series	Speaker	Output	VDC	Housing	Mount	Size
SA315P	Projector™ Series	High performance multi-port	100 Watts	12	Vehicle specific, consult current price list	Vehicle specific Consult current price list	6-1/2" (165mm) H x 6-7/16" (164mm) W x 2-7/8" (74mm) D
SA314A					Natural cast aluminum		6-3/16" (157mm) H x 6-7/16" (164mm) W x 3-1/2" (89mm) D
SA314B					Black epoxy coated cast aluminum		
SA123BMC					Chrome	Includes mounting flange for flush mount	7-5/16" (186mm) H x 9-5/16" (237mm) W x 5-5/8" (144mm) D
SA31101P	UnderPro	Ambulance speaker passenger side			Nylon composite	International 4300,4400 chassis 2001-2018	Vehicle specific
SA31101D		Ambulance speaker driver side					
SPT5P	Bumper Mount	Ambulance speaker passenger side				2015-2018 Ford Transit	
SPT5D		Ambulance speaker driver side					

Model	Series	Option Description
SAK1	SA315P	Universal "L" bracket
SAK9		Universal/swivel bail type mount bracket
SAK62D		Chevy Silverado 1500, 2018, driver side
SAK62P		Chevy Silverado 1500, 2018, passenger side
SAK63D		Chevy Tahoe, 2018, driver side
SAK63P		Chevy Tahoe, 2018, passenger side
SAK61D		Ford F-250/F-350, 2018, driver side
SAK61P		Ford F-250/F-350, 2018, passenger side
SPT5TEMP	SPT5	Speaker templates, reusable for Ford Transit, 2015-2018, includes driver side and passenger side
SPTWI*		Wide-angle ION™ with mounting bracket for SPT5D or SPT5P, Red, Blue or Amber



Howler™ Siren System

- Low frequency siren and speaker system
- Provides deep tones to penetrate other vehicles, alerting drivers and pedestrians of your approach
- Howler is an add-on to any 100/200 watt siren amplifier and is not a replacement to the vehicles primary siren
- Uses low frequency tones to synchronize with the vehicles primary siren tones
- Includes low frequency siren amplifier and speaker(s)
- Works with any sweeping, Hi/Low, or electronic mechanical tones generated by the primary siren
- Includes 8 different tone durations, 7.5-60 seconds
- Uses the primary siren speaker output wires and divides the frequency to one of three frequency bands via Scan-Lock™ buttons. Selections are ¼ tone, ½ tone, or a composite of both
- Includes two external cancel controls. Choose from 12 volt or ground deactivation
- Certain vehicle models may utilize single or dual speaker systems
- Two year warranty



Model	Series	Speaker	Output	VDC	Housing	Mount	Size
HOWLER	Howler 2 Speaker	Low frequency reverberating add-on to existing warning system with 8 selectable tone durations	200 Watts	12	Speaker: Black nylon composite Amplifier: Aluminum	Vehicle specific, consult current price list	Speaker: 7-1/4" (184mm) Dia. x 8-3/8" (213mm) D
HWLUNI	Howler 1 Speaker		100 Watts			Universal	
HWLFE13						2013-2018 Ford Police Interceptor Utility with fog lights	Amplifier: 2-1/4" (57mm) H x 5" (127mm) W x 4-3/4" (121mm) D

Model	Option Description
HWLRB2	Bracket for Ford Expedition, 2008-2017
HWLRB4	Bracket for Ford E-Series, 2008-2018
HWLRB11	Bracket for Chevy Express G-Series, 2011-2018
HWLRB13	Bracket for Ford Police Interceptor Utility, 2013-2015 and Ford Police Interceptor Utility, 2013-2015 without fog lights
HWLRB14	Bracket for Dodge 4500, 2011-2016
HWLRB18	Bracket for Chevy 2500/3500 Silverado and Suburban, 2012-2016
HWLRB19	Bracket for Chevy Silverado 1500, 2014-2015
HWLRB20	Bracket for Chevy Tahoe, 2015-2016
HWLRB22	Bracket for Ford F-250/F-350, 2011-2018
HWLRB23	Universal mounting brackets, pair
HWLRB24	Bracket for Chevy Silverado 1500, 2018
HWLRB25	Bracket for Chevy Tahoe, 2017-2018 Front and Rear Two Speaker System
HWLRB26	Bracket for Chevy 2500/3500 Silverado, 2017-2018

Lighting Certifications

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

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

Warning Lamps and Devices

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

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

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

Test Procedures and Materials

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

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

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

Signalling and Marking Lighting Devices and Systems

I FMVSS108 - Federal Motor Vehicle Safety Standards

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

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

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

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

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

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

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

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

Q SAE J1889 - LED Lighting Devices (Jun 99)

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

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

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

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

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

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

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

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

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Notice:

Dimensions indicated for products are within +/- 1/16" (1.58mm) tolerance. Metric equivalents are rounded to nearest whole number. For special applications requiring more precise measurement, contact factory.

Prior to using any interior light, consult your vehicle's owner manual to insure proper use with air bag safety systems.

The use of a magnetic or suction mounted beacon on the roof of a vehicle in motion is not recommended, and is at the sole discretion and risk of the user.

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