Fire/EMS

Professional Warning & Illumination

WHELEN®

TRUSTED TO PERFORM™

Table of Contents

WHELEN®

Freedom® IV DYAD™ Series

*F4W0RRRR
with available options*

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 lighthead
- Low Current DYAD two level technology (single color) allows for individual control of each lighthead 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: 30.75" (95mm) H x 12.5" (318mm) D

MODELS

Freedom IV DYAD, Low Current	
F4X4****	44.5" (113cm)
F4X8****	49.25" (125cm)
F4X2****	55" (140cm)
F4X0****	60" (152cm)
F4X7****	72" (183cm)

Freedom IV DYAD, WeCan	
F4W4****	44.5" (113cm)
F4W8****	49.25" (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

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 place your order.
The program is available at: www.whelen.com

Edge® Freedom® IV Rota-Beam™

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: 30.75" (95mm) H x 12.5" (318mm) D

MODELS

Freedom IV Rota-Beam, Rotating Modules	
F4R2****	55.125" (140cm)
F4R0****	60" (152cm)
F4R7****	72" (183cm)

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WHELEN®

Liberty™ II Series

PROCLERA®
SILICONE OPTICS

IX4RRRR

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: 2.5" (64mm) H x 11.313" (287mm) D

MODELS

SOLO™

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

DUO+™

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

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Legacy® Series

GB8RRRR
shown with optional inboard
modules and take-downs

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: 10.625" (41mm) H x 11.313" (287mm) D

MODELS

Legacy WeCan, Single Color	
GS4****	43.25" (110cm), one color
GS8****	48" (123cm), one color
GS2****	530.75" (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 lightheads 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: 10.625" (41mm) H x 11.313" (287mm) D

MODELS

Legacy WeCan, DUO+ Color	
GB4****	43.25" (110cm), one color
GB4####	43.25" (110cm), two color
GB8****	48" (123cm), one color
GB8####	48" (123cm), two color
GB2****	530.75" (136cm), one color
GB2####	530.75" (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

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Justice® Series

JE2RRRR

JE8RRRR

FEATURES

- Available with 9 or 6 diode Linear Super-LED® corners
- Individual control of each lighthead
- 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: 2.25 (57mm) H x 12" (304mm) D

MODELS

Extended 9 diode Linear-LED Corners	
JC4****	44" (112cm)
JC8****	50.125" (132cm)
JC2****	56.25" (152cm)

Standard 6 diode Linear-LED Corners	
JE4****	44" (112cm)
JE8****	50.125" (132cm)
JE2****	56.25" (152cm)

Replace * symbol in model number with letter indicating color desired:
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NFPA Lightbars

F4N2VLED

F4NMINI

JE2NFPA

JNMINI

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)	30.75" (95mm) H x 12.5" (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)											
F4N9VLED		92" (234cm)											
F4N2QLED		55" (140cm)		Square End	2 Front, Red		2 Red						
F4N0QLED		60" (152cm)											
F4N7QLED		72" (183cm)											
F4N1QLED		81" (206cm)											
F4N9QLED		92" (234cm)											
F4NMINI	Mini Freedom IV (Pair)	22.5" (55cm)			2 Front, Red (each bar)	2 Front, White (each bar)	1 Red (each bar)				58		
JE8NFPA	Justice® CS	50" (127cm)	2.25" (57mm) H x 12" (304mm) D	V End	2 Front, 2 Rear, Red	6 Front CON3™, 4 Red, 2 White	-				52	Black polycarbonate on extruded aluminum platform	Clear
JE2NFPA		56" (142cm)											
JE0NFPA		62" (157cm)											
JE2QNFPA		56" (142cm)		Square End	2 Front, Red		2 Red CON3						
JE0QNFPA		62" (157cm)											
JNMINI	Mini Justice (Pair)	22" (56cm)		V End	2 Front, 1 Rear, Red (each bar)	2 Front CON3, 1 Red, 1 White (each bar)	-				79		

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● Lightbar available in Red with a pair of White LEDs

WHELEN®

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)	4.875" (124mm) H x 5.25" (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

Rota-Beam™ Rotating LED Module

700 Series Linear-LED®

700 Series Halogen

700 Series Load Light

400 Series Linear-LED

Angled Linear-LED Corner

LR11 LED Load Light

GTT Opticom™ Emitter 795H

Aluminum Extrusion

End LED Clearance Lights

Center LED Clearance Lights

Color Lenses

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

Go to www.whelen.com - Automotive - Tech Support - Software downloads, and download "WeCad Lightbar Designer". 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

PROCLERA®
SILICONE OPTICS

FEATURES

- Upper front units mounts to visor anchor points
- Available as passenger side only or driver/passenger combo
- 38 Scan-Lock™ flash patterns
- Low Current models are available with SOLO™ light modules
- WeCan® capable models are fully programmable, providing individual control of each color, and are available with SOLO, DUO™, or TRIO™ interleaved light modules
- **NEW** Increase clarity with Whelen's all-new, patent pending Proclera® Silicone Optics

- **NEW** Now available with BroadBand Blue™. BroadBand Blue delivers a higher intensity, a larger optical image, and produces a more consistent color
- Vehicle specific housing minimizes flashback to vehicle passengers
- Meets SAE Class 1 and California Title XIII specifications
- 17' cable included
- Ships fully assembled
- 12 VDC
- Five year warranty

MODELS

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

		Ford				Chevy	Dodge	
		Fusion, 2013-2018	Police Interceptor Sedan, 2013-2018	Police Interceptor Utility, 2013-2018	NEW Expedition, 2018	F-150, 2015-2018, F-250/F-350, 2017-2018	Suburban/Tahoe, 2015-2018, Silverado 1500/2500/3500, 2014-2018	Charger 2011-2018	NEW Dodge Ram 1500, 2011-2018
SOLO - Low Current	Four lamps, passenger side unit, with one LED flashing/take-down	ISFL434	-	-	-	ISFL474	-	-	
	Five lamp, passenger side unit, with one LED flashing/take-down	ISFL435	ISFL385	ISFL345	ISFL485	ISFL475	ISFL455	ISFL355	ISFL425
	Six lamp, passenger side unit, (no take-down)	-	ISFL386	ISFL346	ISFL486	-	ISFL456	ISFL356	ISFL426
	Eight lamps, two piece, individual driver and passenger side units, with two LED flashing/take-downs	ISFL438	-	-	-	ISFL478	-	-	-
	Ten lamp, two piece, individual driver and passenger side units, with two LED flashing/take-downs	ISFL43Z	ISFL38Z	ISFL34Z	ISFL48Z	ISFL47Z	ISFL45Z	ISFL35Z	ISFL42Z
	Twelve lamp, two piece unit, individual driver and passenger side units (no take-downs)	-	ISFL38X	ISFL34X	ISFL48X	-	ISFL45X	ISFL35X	ISFL42X
SOLO, DUO, or TRIO - WeCan	Four lamps, passenger side unit	ISFW434	-	-	-	ISFW474	-	-	-
	Five lamps, passenger side unit	ISFW435	ISFW385	ISFW345	ISFW485	ISFW475	ISFW455	ISFW355	ISFW425
	Six lamps, passenger side unit	-	ISFW386	ISFW346	ISFW486	ISFW476	ISFW456	ISFW356	ISFW426
	Eight lamps, passenger side unit	ISFW438	-	-	-	ISFW478	-	-	-
	Ten lamps, passenger side unit	ISFW43Z	ISFW38Z	ISFW34Z	ISFW48Z	ISFW47Z	ISFW45Z	ISFW35Z	ISFW42Z
	Twelve lamps, passenger side unit	ISFW43Z	ISFW38X	ISFW34X	ISFW48X	ISFW47X	ISFW45X	ISFW35X	ISFW42X

Lightheads	
ISS*	One SOLO lighthead, Red, Blue, Amber, or White
ISD#	One DUO lighthead, Red, Blue, Amber, and/or White
ISTRBA	One TRIO™ lighthead, Red/Blue/Amber
ISTRCA	One TRIO lighthead, Red/White/Amber
ISTBCA	One TRIO lighthead, Blue/White/Amber
ISTRBC	One TRIO lighthead, Red/Blue/White
DELWCCP	Delete WeCan control point

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, K=Red/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.

WHELEN®

NEWInner Edge® RST™ Series

PROCLERA®
SILICONE OPTICS

ITRAYL12

FEATURES

- Mounts to the rear headliner of SUVs and pickup trucks
- Drop-in lighthead tray is universal, allowing for easy serviceability
- Lighthead 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

MODELS

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

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

Lightheads	
ISS*	One SOLO lighthead, Red, Blue, Amber, or White
ISD#	One DUO lighthead, Red, Blue, Amber, and/or White
ISTRBA	One TRIO™ lighthead, Red/Blue/Amber
ISTRCA	One TRIO lighthead, Red/White/Amber
ISTBCA	One TRIO lighthead, Blue/White/Amber
ISTRBC	One TRIO lighthead, Red/Blue/White
DELWCCP	Delete WeCan control point

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

Model	Vehicle Specific Housing
IS458	Chevy Tahoe/Suburban, 2015-2018, upper rear housing for eight or ten modules
IS358	Dodge Charger, 2011-2018, lower rear housing for eight or ten modules
IS35Z	Dodge Charger, 2011-2018, lower rear housing for twelve modules
IS348	Ford Police Interceptor Utility, 2013-2018, upper rear housing for eight or ten modules
IS388	Ford Police Interceptor Sedan, 2013-2018, lower rear housing for eight or ten modules
IS38Z	Ford Police Interceptor Sedan, 2013-2018, lower rear housing for twelve modules
NEW IS438	Ford Fusion, 2017-2018, lower rear housing for eight or ten modules
NEW IS488	Ford Expedition, 2018, upper rear housing for eight or ten modules

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WHELEN®

Outer Edge® Series

OELS45

RPSL45

FEATURES

- Lightheads are fully encapsulated for moisture, vibration, and corrosion resistance
- Hard-coated lenses resist environmental damage from sand, sun, salt, and road chemicals
- WeCan® capable 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™ lightheads in SOLO™, DUO™, or TRIO™ colors
- Low Current models are available with SOLO lightheads and feature Traffic Advisor™ patterns

Rear Pillar

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

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

Model	ION Lighthead	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

—TRACER—

- Available in SOLO™ (single color) DUO™ (two color interleaved), or TRIO™ (three color interleaved) modules
- Lightheads 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
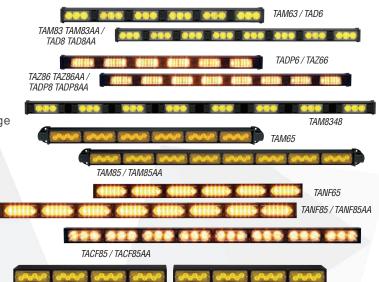- Customize using WeCad™ build-a-bar software
- Five year warranty

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	0.75" (19mm) H x 12.5" (318mm) W x 10.75" (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	0.75" (19mm) H x 12.5" (318mm) W x 10.75" (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	0.75" (19mm) H x 12.5" (318mm) W x 10.75" (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

WHELEN®

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

TAM63 / TAD6

TAM83 TAM83AA / TAD8 TAD8AA

TADP6 / TAZ66

TAZ86 TAZ86AA / TADP8 TADP8AA

TAM8348

TAM65

TAM85 / TAM85AA

TANF65

TANF85 / TANF85AA

TACF85 / TACF85AA

TA4437M

Model	Technology	Lamps	End Flasher	Mount	Control Head	VDC	Housing	Height & Depth	Length
TAM63	TIR3™	6	-	Surface mount, slide bolt	TACTLD1 included	12	Extreme low profile one piece	10.75" (44mm) H x 2.188" (55mm) D	23" (58cm)
TAM83		8							30.875" (78cm)
TAM83**		8	Yes						30.875" (78cm)
TAM8348									48" (122cm)
TAD6	TIR3 Dominator™ Series	6	-		Requires optional TADCTL1 or customer supplied switches				23" (58cm)
TAD8		8							30.875" (78cm)
TAD8**		8	Yes						30.875" (78cm)
TADP6	LINZ6™ Dominator Plus™ Series	6	-						23" (58cm)
TADP8		8							30.875" (78cm)
TADP8**		8	Yes						30.875" (78cm)
TAZ66	LINZ6	6	-		TACTLD1 included				23" (58cm)
TAZ86		8							30.875" (78cm)
TAZ86**		8	Yes						30.875" (78cm)
TAM65	500 Series TIR6™	6	-	Surface mount, thru-bolt endcaps			Low profile flat style one piece	2.875" (73mm) H x 2.25" (57mm) D	36" (91cm)
TAM85		8							46.875" (119cm)
TAM85**		8	Yes						46.875" (119cm)
NEW TA4437M		8	Yes				rectangular two piece	2.46" (62mm) H x 4.41" (112mm) D	21.875" (56cm)
NEW TA4437M1									
NEW TA4437M2									
TANF65	500 Series Linear-LED®	6	-	Surface mount, slide bolt			Front load rectangular one piece	2.375" (60mm) H x 2.375" (60mm) D	34" (86cm)
TANF85		8							45.125" (115cm)
TANF85**		8	Yes						45.125" (115cm)
TACF85	CON3™ front load	8	-						45.125" (115cm)
TACF85**		8	Yes						45.125" (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

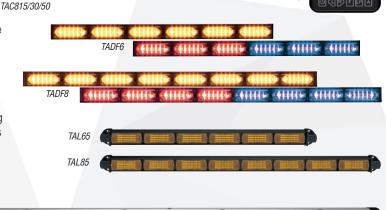| Model	Option Description
TADSW1	On/Off non-lighted SPDT, 20 amp switch for TACTL5
TADSW2	On/Off/On non-lighted SPDT, 20 amp switch for TACTL5
TANBKT1	Bracket for top of vehicle, horizontal mounting

TACTL5

TADCTL1

WHELEN®

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

TAC815/30/50

TADF6

TADF8

TAL65

TAL85

TA45B72

Model	Technology	Lamps	Mount	Control Head	VDC	Cable	Housing	Encapsulated	Height & Depth	Length
TAC815	Front load Super-LED	8	Surface mount/ slide bolt	Included	12	15'	Deep "C" style	-	2" (52mm) H x 20.625" (67mm) D	470.75"(121cm)
TAC830						30'				
TAC850						50'				
TADF6	500 Series DUO Super-LED	6		No control head required		15'	Rectangular front load		2.375" (60mm) H x 2.375" (60mm) D	37" (94cm)
TADF8		8								45.125" (114cm)
TAL65	500 Series 5mm LED	6	Surface thru-bolt or integral fasteners on back	TACTL5			Low profile flat style one piece	Yes	2.875" (73mm) H x 2.25" (57mm) D	36" (91cm)
TAL85		8						Yes		46.875" (119cm)
TA45B72	700 Series Super-LED	8	Slide bolt				Large rectangular one piece	-	4.875" (124mm) H x 5.25" (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 TACTAL5 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

F4MRRRRP
Shown with optional inboard
warning modules

Model	Technology	Modules	Mount	Amps	VDC	Patterns	Base	Color	Lens	Size
F4M****P		4 Corners	Permanent	8/peak 3.2/avg per corner	12	58 Scan-Lock™	Extruded aluminum	R,B,A,W	Clear	30.75" (95mm) H x 21.5" (546mm) W x 12.5" (318mm) D
F4M****M			Magnetic							
F4B****P	Linear-LED	4 Corners with Center Section	Permanent							30.75" (95mm) H x 23.313" (592mm) W x 12.5" (318mm) D
F4M*0*0F		2 Front facing corners	Permanent							30.75" (95mm) H x 21.5" (546mm) W x 12.5" (318mm) D
F4G*0*0F		2 Front facing corners, pre-wired for GTT center mounted emitter	Permanent					R,W		30.75" (95mm) H x 23.313" (592mm) W x 12.5" (318mm) D

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

R4BRRRRP
with R4BTL6

Rota-Beam half
rotator
light module

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 available	30.75" (95mm) H x 23.313" (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™ lighthead, 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 lighthead, 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

Mini Liberty™ II Series

ISOLO

- • 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		Permanent	4/peak 2/avg (4 corners only)	12	58 Scan-Lock™	Extruded aluminum	Clear, color available	2.5" (64mm) H x 19.375" (490mm) W x 11.313" (287mm) D
IT9****M	Linear-LED®	Magnetic						
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 lighthead
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		Permanent	3.72 all on, 1.86 per alternating side	12	58 Scan-Lock	Extruded aluminum	Clear, color available	10.625" (41mm) H x 11.313" (287mm) W x 19.375" (490mm) D
GT9****M	Linear-LED	Magnetic						
GT9****V		Magnetic/suction						

Replace *in model number with letter indicating color desired: A=Amber; R=Red; B=Blue; C=White
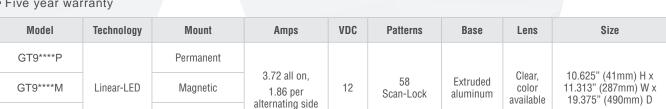
Model	Option Description
GSDS*	One single color short 3 Super-LED lighthead
GTTS	Two short Super-LED work lights, for permanent mount only

Model	Option Description
GTA	Two Super-LED alley lights, for permanent mount only
GTTSA	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 2.25" high
- Five year warranty

MJYRRBBM

Model	Technology	Mount	Amps	VDC	Patterns	Base	Lens	Size
MJY****P		Permanent						
MJY****M	Linear-LED	Magnetic	4/peak 1.6/avg (4 corners only)	12	79 Scan-Lock	Extruded aluminum	Clear, color available	2.25" (57mm) H x 22" (558mm) W x 12" (304mm) D
MJY****V		Magnetic/suction						

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

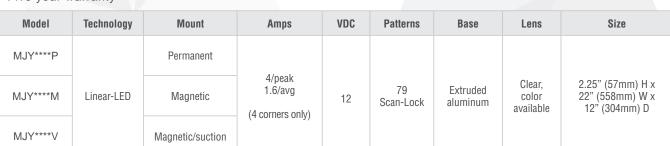| Model	Option Description
JDC*	One CON3 Super-LED module
JDH*	One LTR3™, Super-LED module. For use with MJTDAL only

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

R10HDVB

Model	Technology	Mount	Lamps	Amps	VDC	Patterns	Base	Size
R10HDP*		Permanent						
R10HDM*	Duplex Linear-LED	Magnetic	6 400 Series Linear-LED®	9/peak 3.6/avg	12	54 Scan-Lock	Aluminum	5.125" (130mm) H x 17.25" (438mm) W x 6.313" (160mm) D
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
INSTLRDX	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

R1LPMR

R2LPHP with R233000 color code

RDLPPAB

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	2.875" (73mm) H x 17" (431mm) W x 6.313" (160mm) D
R1LPM*			Magnetic							
R1LPV*			Magnetic/ suction							
R1LPHP*			Permanent	Aluminum						3.25" (82mm) H x 17" (431mm) W x 6.313" (160mm) D
R1LPHM*			Magnetic							
R1LPHV*			Magnetic/ suction							
R2LPP*	R2LP		Permanent	Polycarbonate	Linear-LED®	6/peak 2.4/avg				2.875" (73mm) H x 17" (431mm) W x 6.313" (160mm) D
R2LPM*			Magnetic							
R2LPV*			Magnetic/ suction							
R2LPHP*			Permanent	Aluminum						3.25" (82mm) H x 17" (431mm) W x 6.313" (160mm) D
R2LPHM*			Magnetic							
R2LPHV*			Magnetic/ suction							
R2LPP*4		A, R, B	Permanent			3/peak 1.2/avg	24			
R2LPMA4		A	Magnetic							
RDLPPAB	DUO	A/B	Permanent	Polycarbonate		6/peak 2.4/avg	12	36 Scan-Lock	Clear	2.875" (73mm) H x 17" (431mm) W x 6.313" (160mm) D
RDLPPAG		A/G								

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

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.

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)	60.75" (172mm) H x 7.875" (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 lighthead	Flat permanent	Polished aluminum	4.5/peak 3.1/avg	12	Class 1 Meets NFPA 1901, SAE and EC65 specifications	7.375" (187mm) H x 7.813" (198mm) W x 8.063" (204mm) D
B6370**		700 Series Super-LED lighthead			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			80.625" (219mm) H x 7.813" (198mm) W x 8.063" (204mm) D

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

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.

Rota-Beam™ R316 & R416 Series

• 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

Half rotator light module

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 7.188" (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			4.875" (123mm) H x 6.438" (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" (102mm) H x 7.188" (182mm) Dia.
L31HPF			Split A/G							
L31H*M	Magnetic		R, B, A, W					-		
L31H*V	Magnetic/ suction									
L31H*F4	Permanent						24	Hi/Low control		
L32L*F	Permanent	Low			1.3/ peak 0.52/avg		12	-		2.5" (63mm) H x 7.188" (182mm) Dia.
L32L*M	Magnetic									
L32L*V	Magnetic/ suction									
L32L*F4	Permanent						24	Hi/Low control		
L31HRFN		High			4/peak 1.6/avg	4	12			4" (102mm) H x 7.188" (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
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

AVC11R

AVC23RBC

Model	Series	Lamp	Colors		Override	VDC	Patterns	Size (with shroud)
AVC11*	SOLO	Single	Amber, Blue, Red, or White		N/A	12	26	Single unit: 10.75" (44mm) H x 6.5" (165mm) W x 4.5" (144mm) D Dual unit: 10.75" (44mm) H x 10.25" (260mm) W x 4.5" (144mm) D Height with adjustable mounting bracket: 1.6" (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	Red/Blue/White	White			26	
AVC13RBA			Red/Blue/Amber	Amber				
AVC13RAC			Red/Amber/White	White				
AVC13BAC			Blue/Amber/White	White				
AVC23RBC		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

WHELEN®

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 16.375" (416mm) W x 1.188" (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
FLLED**	LED	0.8	12	21 Scan-Lock	4.5" (114mm) H x 13" (330mm) W x 1.25" (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	10.625" (42mm) H x 12.875" (326mm) W x 20.75" (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

SFIONJ

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	10.625" (41mm) H x 5.125" (130mm) W x 3.375" (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

ION

ION V-Series

Model	Series	Amps	VDC	Patterns	Vehicle	Certs	Lighthead Size
MBCT15**	ION	1.0/peak 0.40/avg per lighthead	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	0.765 warning 0.31 alley 0.12 puddle per lighthead			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

WHELEN®

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	1.188" (35mm) H x 2.188" (55mm) D	7" (178mm)
D4****			4			10 Scan-Lock				14" (356mm)
D6******			6							21" (533mm)
D8§§§§0			8							28" (711mm)
DP2**	Dominator Plus	LINZ6 Super-LED	2	0.30/avg 00.75/peak per lamp		7 Scan-Lock				7" (178mm)
DP4****			4			10 Scan-Lock				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'	30.75" (95mm) H x 8" (203mm) W x 10" (254mm) D
MCSLED2*	Micro Liberty™						8 Scan-Lock	5		2.5" (64mm) H x 9.5" (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

On/Off switch

PFBS12

PFBP12

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					Built-in On/Off switch		Black
PFBS12S	12	1.7	1000				

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					Built-in On/Off switch		Black
PSBS12S	12	1.7	1000				

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 lighthead
- 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: 80.75" (220mm) H x 70.75" (196mm) Dia
- Five year warranty

PT360P shown in home position

PT360F Flange mount

PT360P shown tilted

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

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 Nano™

Pioneer Micro™

Pioneer Mounting Options

Pioneer SlimLine™

Pioneer Surface Mount

Pioneer & Pioneer Plus™

NEW

NEW

WHELEN®

Pioneer LiFe™ Series

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.

FEATURES

Portable Area Light

- All new SlimLine optic is optimized for portable applications in order to control and focus light
- Includes two optic lenses:
    - Floodlight lens
    - 8° TIR spotlight lens
- Hard-coated lenses minimize environmental damages
- 100% solid-state electronics
- 5700°K color temperature simulates bright midday light
- Impact resistant glass reinforced Safety Yellow nylon housing
- 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
- Meets NFPA 1901, 14.1.11.2 for all possible mounting orientations
- IP67 rated for dust and water resistance
- Virtually no EMC radiation
- Five year warranty
- Size: 7.59" (193mm) H x 9.17" (232mm) W x 9.20" (233mm) D
- Weight: 7.5 lbs (3.4kg)

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
- With 15 minutes left of battery life, light will dim to a reduced intensity to preserve output time
- Battery will fully charge in 4-5 hours
- Battery will disconnect when fully charged, preserving the lifecycle of the battery
- Rated for more than 2000 charging cycles
- Short circuit and thermal protection

Intelligent Inductive Charger

- 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 to corrode and compromise charging circuit
- Install horizontal or vertical
- Various mounting options for Whelen poles and tripods will soon be available
- Features charging Indicator light
- 12 VDC charger is standard: 5 amps average
- AC charging is available with adapter:
    - .5 amps average at 115 VAC
    - .25 amps average at 240 VAC

MODELS

Light Models		
Model	**Description**	**Lumens***
LF35	12 VDC	4,500
LF35A	115-240 VAC, NEMA plug for U.S.	4,500
LF35E	240 VAC, CEE7 plug for Europe	4,500
LF28	12 VDC, Rechargeable LiFePO Battery	2,800
LA28	12 VDC, Rechargeable Lead Acid Battery	2,800
LF28A	115 - 240 VAC, Rechargeable LiFePO Battery, with Standard NEMA Plug for U.S.	2,800
LA28A	115 - 240 VAC, Rechargeable Lead Acid Battery, with Standard NEMA Plug for U.S.	2,800

Base Models	
Model	**Description**
LF35BASE	Base only, no charger
LF35CB12	12 VDC, charging base only
LF35CBAC	115-240 VAC, charging base only, NEMA plug for U.S.
LF35CBAE	240 VAC, charging base only, CEE7 plug for Europe
LF35TPM	Pole Mount Adapter with LF35BASE, fits 1-1/8" Pole

NEWSurfaceMax™ 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 lightheads
- Five year warranty

C9LR with C9FC

C6LR with C6FC

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

C7LR with C7FB

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

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

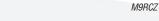| Model			Option Description
C9	C7	C6	
C9FB	C7FB	C6FB	Black flange kit
C9FC	C7FC	C6FC	Chrome plated flange kit

WHELEN®

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

M9R

M9RCZ

M9JCZ

M9V2B

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**	6.5" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
M9*C				Clear						
M9#			R/A, R/B, R/W				64 Scan-Lock			
M9*S			A, R, B, W	Color		Requires flasher (Purchased separately)	-			
M9*CS				Clear						
M92#	DUO		R/B, R/A B/A, B/W, A/W			Built-in	33 Scan-Lock	2.4/peak 0.96/avg	**A** (A/R/W Upper & Lower) **B** (A/B/R) **C** (A/B/R/W) **D** (A/B/R/W) **W**	
M9*CZ	Combo		A, R, B, W					Warning 1.58 Scenelight 1.53		
M9JCZ	DUO Combo		R/B							
M9V2*	V-Series™ (includes Chrome flange)		A, R, B, W warning with W illumination	Color for warning, Clear for illumination			25 Scan-Lock	Warning 2.4/peak 0.96/avg, Scenelight 2.4 amps		6.5" (165mm) H x 10.375" (263mm) W x 20.625" (66mm) D
M9V2*C				Clear						

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

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

M9FC   *M9FB*   *M9BRUSH*   *M9FC900*   *M9VFC900*

M9HTM5FC   *M9HTM5RC*

M6 & M7 Series

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

M6R

M6V2R

M7B

Model	Optics	Technology	Colors	Lens	VDC	Flasher	Patterns	Amps	Certs	Size
M6*	Directional	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)	4.313" (109mm) H x 6.75" (170mm) W x 1.375" (35mm) D
M6*C				Clear						
M6#			R/A, R/B, R/W				64 Scan-Lock			
M6*S			A, R, B, W	Color		Requires flasher (Purchased separately)	-			
M6*CS				Clear						
M6V2*	V-Series™		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**	4.313" (109mm) H x 6.75" (170mm) W x 2.25" (57mm) D
M6V2*C				Clear						
M7*	Directional		A, R, B, W	Color		Built-in	159 Scan-Lock	2.25/peak 0.9/avg	**A** (Upper R/W, Lower R) **B** (R/A/B) **C** (R/A/B) **D** **W**(R/A/W)	3.375" (86mm) H x 7.625" (194mm) W x 1.375" (35mm) D
M7*C				Clear						
M7#			R/A, R/B, R/W				64 Scan-Lock			
M7*S			A, R, B, W	Color		Requires flasher (Purchased separately)	-			
M7*CS				Clear						

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

Model			Option Description
M6	**M6V2**	**M7**	
M6FC	M6FC	M7FC	Chrome plated flange
M6FB	M6FB	M7FB	Black flange
M6BRUSH	-	M7BRUSH	Black brush guard
M6FC600	M6FC600	M7FC700	Chrome flange, adapts M Series to 600 or 700 Series style lightheads
M6P15C	-	-	Chrome 15° angled surface mount housing
M6P15B	-	-	Black 15° angled surface mount housing
M6FCV2	-	-	Chrome flange for two M6 lightheads, vertical (lightheads purchased separately)
M6FCV3	-	-	Chrome flange for three M6 lightheads, vertical (lightheads purchased separately)
M6FCV4	-	-	Chrome flange for four M6 lightheads, vertical (lightheads purchased separately)
M6HDLMTK	-	-	Headlight mount for ATI and KD housings, includes bracket and hardware
-	-	M7BKT1	Universal bracket for one lighthead
M6PTM5F	-	-	Front light pod for 8 M6 lightheads, medium roof, Ford Transit 2015-2018
M6PTH5H	-	-	Front light pod for 8 M6 lightheads, high roof, Ford Transit 2015-2018
-	M6PT5R	-	Rear light pod for 6 M6 lightheads, medium or high roof, Ford Transit 2015-2018
		7PT8R	Rear light pod for 6 700 Series lightheads, medium or high roof, Ford Transit 2018

M6FB　　M6FC600　　M6P15C　　M6HDLMTK

M6PTM5F

M6PT5R　　M6FCV2　　M6FCV3　　M6FCV4

M7FC

M7FB　　M7BRUSH　　M7FC700　　M7BKT1

WHELEN®

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

M2B

V23RTPB

M4R

M4DWR

M4V2A

Model	Optics	Technology	Color	Lens	VDC	Flasher	Patterns	Amps	Certs	Size
V23*TPB	V-Series™ (includes Black flange)	Super-LED®	A, 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	2.688 " (68mm) H x 4.25" (109mm) W x 1.5" (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 (R/A/B) C, D (R/A/B)	2.5" (64mm) H x 4" (102mm) W x 1" (25mm) D
M2*C				Clear						
M2#			R/A, R/B, R/W				69 Scan-Lock			
M2W*	Wide-angle		A, R, B, W	Color			26 Scan-Lock including steady-burn			
M2W*C				Clear						
M2W#			R/A, R/B, R/W				69 Scan-Lock			
M4*	Directional		A, R, B, W	Color	12	Built-in	125 Scan-Lock	1.5/peak 0.6/avg	B (A/B/W) C, D (R/A/B)	3.375" (86mm) H x 5.5" (138mm) W x 1.375" (35mm) D
M4*C				Clear						
M4#			R/A, R/B, R/W				64 Scan-Lock			
M4*S			A, R, B, W	Color		Requires flasher (Purchased separately)	-			
M4*CS				Clear						
M4DW*			W with R or B		Available in 24 Volt, contact factory	Built-in	50 Scan-Lock	Warning & driving 1.0/peak 0.40/avg	Pending	
M4DWJ			W with R over B split	Clear						
M4V2*	V-Series		A, R, B, W warning with W illumination		12		25 Scan-Lock	Warning 1.0/peak 0.40/avg, Perimeter 0.77	C, D	3.375" (86mm) H x 5.5" (138mm) W x 1.875" (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 lightheads
V23PEDB	M2PEDB	-	-	Pedestal mount kit, Black
V23PEDC	M2PEDC	-	-	Pedestal mount kit, Chrome
-	M2GROM	-	-	Grommet mount kit
-	-	M4CT15B	-	Fog light mount for 2015-2018 Chevy Tahoe, pair, Black
-	-	M4FF15B	-	Fog light mount 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

M2FC M2FB M2PEDB M2GROM M4FB M4BRUSH M4FC400 M4CT15B

WHELEN®

600 Series

- 600 Series Rota-Beam™ features "rotating" technology, simulating the appearance of a rotating lighthead 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

6RBA

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	4.188" (106mm) H x 6.563" (167mm) W x 3.438" (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
6EHDLTMK	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

50RA3ZCR

50B03ZBR

50R02ZRR

50RB2ZCR

5V1A

5V3R

50AA2SA2 Cab mount

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)	10.625" (41mm) H x 5" (127mm) W x 10.75" (44mm) D (lighthead 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		0.63/peak 0.315/avg			B (R) C D	10.625" (41mm) H x 5" (127mm) W x 1.375" (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		A, R, B, W, G		1.5/peak 0.6/avg			B (B) D	2.125" (54mm) H x 5.375" (137mm) W x 10.625" (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 lighthead 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

5FLANGEB *5GFLANGEC* *5FLANGEP* *5GROMMET* *5BKT1* *5GBKT1* *5TSMAC* *5LSMAC* *5BRUSH*
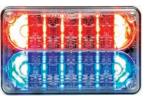
400 Series

- 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	3.188" (77mm) H x 4.938" (124mm) W x 2" (50mm) D
40*02Z*R	Single level warning					0.90/peak 0.36/avg	25 Scan-Lock		B,C, D	3.188" (77mm) H x 4.938" (124mm) W x 1.375" (34mm) D
4V3*	Warning, alley/flood & puddle light	3-in-1 Super-LED lighting	Surface	A, 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	3.063" (77mm) H x 4.938" (124mm) W x 2.75" (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 11.5 " (292mm) W x 1.375" (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*

WHELEN®

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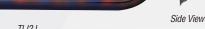
- SAE Class 1 Certified
- Available in SOLO™ or DUO™ models
- DUO models feature independent control of color one and color two
- SOLO models available in single or split colors
- Available with SAE Class 1 Certified Smoked lenses

ION Mini T-Series

- SAE Class 1 Certified (single color only)

SOLO TLIB

DUO TLI2J

TLIJ

Side View

SOLO NEW TLMIB   **DUO** NEW TLMID

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

Replace * symbol in model number with letter indicating color desired: A=Amber, 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
TIONBKT3	"L" mounting bracket for 2 lights
TIONBKT4	Universal over/under "L" mounting bracket for 2 lights

Model	Option Description
NEW TIONMFC	Mini T-Series Chrome flange
NEW TIONMBK1	Mini T-Series license plate bracket, vertical mount
NEW TIONMBK2	Mini T-Series license plate bracket, horizontal mount

TIONFC   TIONBKT2

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™ :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 1.25" (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) **B,C,D** (B)	
WION#				R/B, R/W, B/A						**A,C,D** (W)	
IONSM*	Directional		Surface	A, R, B, W	Chrome					**B,C,D** (A/B/R)	
IONSMC*					Chrome						
IONSM#				R/B, R/W, B/A	Black					**C,D** (W)	
IONSMC#					Chrome						
WIONSM*	Wide-angle			A, R, B, W	Black					**A,B,C,D** (A/R) **B,C,D** (B)	Surface Mount 1.688" (43mm) H x 6" (150mm) W x 1.125" (28mm) D
WIONSMC*					Chrome						
WIONSM#				R/B, R/W, B/A	Black					**A,C,D** (W)	
WIONSMCD				R/W	Chrome						
I2#	DUO		Universal	A/W, B/W, R/W, B/R, B/A	Black		1/peak 0.40/avg per color	64		**B,C,D** (A)	
I2SM#			Surface								
I3#	TRIO		Universal	R/B/W, R/B/A, R/A/W, B/A/W				25			
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 Lightheads replace symbol # with dual letters indicating colors desired: JC=Red/Blue/White with White override,
JA=Red/Blue/Amber with Amber override, KC=Red/Amber/White with White override, MC=Blue/Amber/White with White override

Model	Option Description
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*

WHELEN®

ION™ V-Series™

- Available in 3-in-1 combination warning, alley/flood, and puddle light or in single color warning only models
- Single color models have combination 180° and TIR directional warning
- Includes steady-burn, alternating, and simultaneous patterns
- Black, White, or Chrome housing
- Hard-coated lenses 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 4.063" (104mm) W x 2.188" (56mm) D
IONSV3*			Surface, includes flange		Black					1.688" (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 4.063" (104mm) W x 2.188" (56mm) D
IONSV1*			Surface, includes flange		Black					1.688" (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

IONK1B   IONGROM   IONPEDB   IONBKT1   IONBKT5   IONBKT6   IONBKT7

WHELEN®

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

MCRNSCJ

MCRNTC

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	0.875" (23mm) H x 4" (102mm) W x 0.875" (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

MCRNB1   MCRNB2

WHELEN®

TIR3™, LIN3™, & LINZ6™ Series

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

RSB03ZCR

RSA02ZCR

RVR03ZCR

LINZ6B

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
RS*03ZCR	Directional	TIR3 Super-LED®	Horizonal, 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)	1.125" (28mm) H x 3.5" (89mm) W x 1.25" (32mm) D
RV*03ZCR			Vertical, surface							
RS*02ZCR		LIN3 Super-LED							**C** (A/R/W) **D**	
LINZ6*		LINZ6 Super-LED	Horizontal, surface							
LINZ6#				R/W, R/B, R/A		00.75/peak 0.30/avg	69 Scan-Lock		**A** (Lower only, R) **B** (A/B/R) **C** **D** (Class 1) **W**	2" (48mm) H x 4" (102mm) W x 10.625" (40mm) D
LINZ61				A/A						
LINZ62				B/B						
LINZ65				R/R						

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace symbol# in model number with letter indicating split color desired: D=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
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	LINZ6	Deep Chrome plated flange kit
L6BKT3		46° push bumper bracket

RFLANGEC RFLANGEA RFLANG2C RFLANG2B RGROMMET LINZ6FC RBKT1 RBKT2

RBKT4 RBKT6 RBKT7 RBKT18 L6BKT3

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	00.75 warning	25 Scan-Lock™	6" Pigtail	C, D (A)	1.5" (40mm) H x 3.875 (98mm) W x 10.625" (42mm) D
LINSV2*			Under surface mounting			0.12 puddle				1.125" (28mm) H x 2.875" (73mm) W x 2.813" (71mm) D

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

Model	Series	Option Description
RGROMMET	LINV2	Grommet mount kit
RFLANGEC		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
RGROMMET	LINSV2	Grommet mount kit
LSVBKT13		Under-the-side view mirror mount, pair, Chevy Sliverado 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

RFLANGEC   RFLANG2C   RFLANG2B   RBKT1   RBKT2   RBKT4   RBKT6   RBKT7

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

VTX609B

VTXD609C with side reflector

VTX3609R

Model	Optics	Technology	Mount	Color	VDC	FPM	Amps	Cable	Size
VTX609*	Omni-directional	Super-LED®	1" Hole recess or Surface (Mounting Purchased separately)	R, B, A, W	12	25 Scan-Lock™	00.750/peak 0.30/avg	9'	1" (26mm) H x 10.625" (41mm) Dia.
VTX609#				Split R, B, A, and/or W					
VTXD609*	Directional/side emitting shield			R, B, A, W					
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

OSA00FCR

OSR00SCR

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 1.5"(48mm) W x 0.5" (13mm) D
OS*00SCR					30mA	Steady	Requires flasher (Purchased separately)		

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

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 (4.5") 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)	4.25" (108mm) Dia. x 1.188" Depth
2E*00Z*R	Extended lens		Requires optional mounting	A, R B, W		2/peak 0.9 avg	25 Scan-Lock		**A** (Lower) **B** (B/R) **C,D**	4.25" (108mm) Dia. x 2" Depth
2E#00ZCR				R/B, R/W, B/W			69 Scan-Lock			
2EP00ZCR				A/G						
FEDC06*R	Extended lens with fog light mount, includes mounting	Linear6 Super-LED	2011-2018 Dodge Durango	A, R B, W			25 Scan-Lock		**B, C, D**	
FEDC06#R				R/B, R/W, B/W			69 Scan-Lock			
FDFP11*R			2011-2014 Ford Expedition, 2015-2017 Ford Expedition SSV with round fog	Interleaved W with R or B			25 Scan-Lock			
FDFP11JR				Interleaved W with B over R			69 Scan-Lock			
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*

WHELEN®

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

5GA00FAR

2GR00FRR

Model	Technology	Mount	Color	Lens	VDC	Patterns	Amps	Cable	Certs	Size (with grommet)
2G*00F*R				A, R					**D** - (Class 1)	5.5" (140mm) Dia. x 1.25" (32mm) D
2G*00FCR		Grommet mount (includes vinyl grommet)		Clear			300mA/ avg, 500mA/ peak		**C** - (Class 2)	
5G*00F*R	LED		A, R	A, R	12	15 Scan-Lock™		12" Pigtail	**C, D** (Class 1 & 2)	3.188" (81mm) H x 7.438" (189mm) W x 1.25" (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

2GBKT1   *2GFLANGB*   *5GBKT1*   *5GFLANGC*

3" & 3.5" 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

3.5" Round

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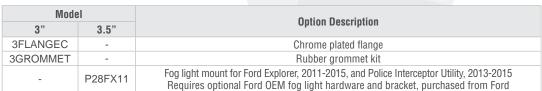- Interleaved LEDs for combination warning and driving light

3" Round   *PAR28B*   *PAR28DJ*

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
3S*00F*R	3" Round	LED	Surface	A,R,B		0.50mA/peak 0.25mA/avg	160 FPM		**A C,D** (Class 1, 2 & 3)	3" (76mm) Dia.
PAR28*	3.5" Round			A,R,B,W	12	2mA/peak 0.9mA/avg	25 Scan-Lock	6" Pigtail	**A,B,C,D**	3.5" (89mm) Dia.
PAR28#		Linear6™ Super-LED®	Fog light	R/B, R/W, B/W			69 Scan-Lock		**A,B,C,D**	
PAR28D*	3.5" Round White Driving Light			W with B or R		1mA/peak 0.4mA/avg	50 Scan-Lock		**C,D**	
PAR28DJ				W with B over R						

Replace symbol* in model number with letter indicating color desired: A=Amber, B=Blue, C=White, R=Red
Replace symbol# in model number with letter indicating split color desired: D=Red/White, E=Blue/White, J=Split Red/Blue
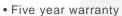
Model		Option Description
3"	**3.5"**	
3FLANGEC	-	Chrome plated flange
3GROMMET	-	Rubber grommet kit
-	P28FX11	Fog light mount for Ford Explorer, 2011-2015, and Police Interceptor Utility, 2013-2015 Requires optional Ford OEM fog light hardware and bracket, purchased from Ford

3FLANGEC   *3GROMMET*   *P28FX11*

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

M6BTT

M9BTTX

PSR00XRR

PSRASXCR

20R00XRR

40BTT

NEW C6BTT

NEW C7BTT

NEW C9BTT

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	4.25" (108mm) Dia.
M6BTT	M6 Series		Surface				0.85/brake 0.06/tail		J, K, L, X, Y	4.313" (109mm) H x 60.75" (170mm) W x 1.375" (35mm) D
M9BTTX	M9 Series						00.75/brake 0.55/tail			6.5" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
40BTT	400 Series						0.375/brake 0.040/tail		J, K, I	3.188" (77mm) H x 4.938" (124mm) W x 20.75" (69mm) D
NEW C6BTT	C6 Series	SurfaceMax Super-LED	Surface				0.40/brake 0.050/tail		J, K, L, T, X, Y	5.125" (130mm) H x 8.313" (210mm) W x 1.563" (40mm) D
NEW C6BTTC					C					
NEW C7BTT	C7 Series				R		0.80/brake 0.050/tail		F, G, H, J, L, M, T, V, Y	4.063" (103mm) H x 8.125" (206mm) W x 1.563" (40mm) D
NEW C7BBTC					C					
NEW C9BTT	C9 Series				R		0.350/brake 0.040/tail		J, K, L, X, Y	8.125" (206mm) H x 10.125" (257mm) W x 1.563" (40mm) D
NEW C9BBTC					C					
PSR00XRR	Strip-Lite™	LED			R		0.5 high/0.05 low		J, K	1" (25mm) H x 11.5" (292mm) W x 1.375" (35mm) D
PSRASXCR		LED with turn		R/A	C		0.225 turn/150mA brake/40mA turn	-		

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

C7FC   *C7FB*   *2FLANGEC*   *2FLANGEB*   *2GROMMET*   *2GBKT1*   *4EFLANGE*   *4FLANGEB*   *M6FCV2*   *M6FCV3*   *M6FCV4*   *PLASC3V*   *PLASC4V*

WHELEN®

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 Optional mounting available	A	Clear	12	00.75/peak	8	6" Pigtail	L, Y	4.313" (109mm) H x 60.75" (170mm) W x 1.375" (35mm) D
M9T	M9 Series				Clear		1.2/peak			L, Y	6.5" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
40A00AAR	400 Series				Color		0.4/peak 0.06/avg	2		X, Y	3.188" (77mm) H x 4.938" (124mm) W x 20.75" (69mm) D
NEW C6T	C6 Series	SurfaceMax Super-LED			Color		0.460/peak 0.180/avg	6		L, Y	5.125" (130mm) H x 8.313" (210mm) W x 1.563" (40mm) D
NEW C6TC					Clear						
NEW C7T	C7 Series				Color		0.420/peak 0.170/avg				4.063" (103mm) H x 8.125" (206mm) W x 1.563" (40mm) D
NEW C7TC					Clear						
NEW C9T	C9 Series				Color		0.720/peak 0.280/avg				8.125" (206mm) H x 10.125" (257mm) W x 1.563" (40mm) D
NEW C9TC					Clear						

Model						Option Description
M6	**M9**	**400**	**C6**	**C7**	**C9**	
M6FC	M9FC	4EFLANGE	C6FC	C7FC	C9FC	Chrome plated flange
M6FB	M9FB	4FLANGEB	C6FB	C7FB	C9FB	Black flange
M6BRUSH	M9BRUSH	-	-	-	-	Brush guard
M6FCV2	-	-	-	-	-	Chrome flange for 2 lightheads, vertical
M6FCV3	-	-	PLASC3V	-	-	Chrome flange for 3 lightheads, vertical
M6FCV4	-	-	PLASC4V	-	-	Chrome flange for 4 lightheads, vertical
M6FC600	M9FC900	-	-	-	-	Chrome flange converts to 600 or 900 Series lighthead

C6FC

C6FB

M6FC600

M6FC

M6FCV2

M6FCV3

M6FCV4

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

M6BUW

M9BUW

60C00VCR

40C00VCR

40BUH

40BUV

5GC00WCR

C6BU

C7BU

60C00WCR

70C00VCR

70C00WCR

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Certs	Size
M6BUW	M6 Series	Super-LED	Surface	W	12	1.6	Steady	6" Pigtail	N	4.313" (109mm) H x 60.75" (170mm) W x 1.375" (35mm) D
M9BUW	M9 Series		Surface			1.8				6.5" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
5GC00WCR	5G Series		Includes grommet			0.15				3.188" (77mm) H x 7.438" (189mm) W x 1.5" (38mm) D
40C00VCR	400 Series	LED	May be surface mounted			0.35				3.188" (77mm) H x 4.938" (124mm) W x 20.75" (69mm) D
40BUH		Super-LED	Horizontal			1.0				
40BUV			Vertical							
60C00VCR	600 Series	LED minimum	May be surface mounted			0.35				4.125" (105mm) H x 6.5" (165mm) W x 1.375" (35mm) D
60C00WCR		LED maximum				0.6				
NEW C6BUL	C6	SurfaceMax Super-LED				0.125				5.15" (131mm) H x 7.56" (192mm) W x 1.565" (40mm) D
NEW C6BU			Optional mounting available			0.83				
70C00VCR	700 Series	LED minimum				0.35				3.063" (78mm) H x 7.25" (184mm) W x 1.25" (31mm) D
70C00WCR		LED maximum				0.5				
NEW C7BUL	C7	LED minimum				0.5				4.079" (104mm) H x 8.289" (211mm) W x 1.575" (40mm) D
NEW C7BU		LED maximum				0.15				

Model						Option Description
Super-LED			LED			
C6	M6	M9	400	600	700	
C6FC	M6FC	M9FC	4EFLANGE	6EFLANGE	7EFLANGE	Chrome plated flange
C6FB	M6FB	M9FB	4FLANGEB	6FLANGEB	7FLANGEB	Black flange
-	M6BRUSH	M9BRUSH	-	-	-	Brush guard
-	-	-	-	-	-	Polished aluminum flange
-	M6FCV2	-	-	-	-	Chrome flange for two lightheads, vertical
PLASC3V	M6FCV3	-	-	PLAST3V	-	Chrome flange for three lightheads, vertical
PLASC4V	M6FCV4	-	-	PLAST4V	-	Chrome flange for four lightheads, vertical
-	-	-	-	CAST3H	-	Three lighthead cast aluminum housing, horizontal
-	-	-	-	CAST3	7CAST3	Three lighthead cast aluminum housing, vertical
-	-	-	-	CAST4V	-	Four lighthead cast aluminum housing, vertical
-	M6FC600	M9FC900	-	-	-	Chrome flange converts to hundred series lighthead

4EFLANGE   6FLANGEB   M6FC600   7FLANGEB   7EFLANGE   M6FC   M6FCV2   M6FCV3   M6FCV4   CAST3H   CAST3   CAST4V   7CAST3   PLASC3V   PLASC4V

WHELEN®

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

C9SL

9SC0ENZR

M6ZC

6SC0ENZR

7SC0ENZR

70C0ELZR

M7ZC

M9LZC

Model	Optics	Technology	Mount	Color	VDC	Amps	Patterns	Cable	Size
6SC0ENZR	600 Series	Super-LED	Surface	W	12	1.5	Steady	6" Pigtail	4.125" (105mm) H x 6.5" (165mm) W x 10.75" (44mm) D
60C0ELZR			Recess			2			
7SC0ENZR	700 Series		Surface			2			3.063" (78mm) H x 7.25" (184mm) W x 10.75" (44mm) D
70C0ELZR			Recess			2			
9SC0ENZR	900 Series		Surface, includes Chrome flange			6			7.125" (181mm) H x 9.125" (232mm) W x 10.75" (44mm) D
M6ZC	M6 Series		Surface			2			4.313" (109mm) H x 60.75" (170mm) W x 1.375" (35mm) D
M7ZC	M7 Series					2.25/peak 0.9/avg			3.375" (86mm) H x 70.625" (194mm) W x 1.375" (35mm) D
M9LZC	M9 Series		Surface, includes Chrome flange			6			6.5" (165mm) H x 10.375" (263mm) W x 1.375" (35mm) D
C9SL	C9	SurfaceMax Super-LED	Surface			3.6			8.133" (207mm) H x 10.128" (257mm) W x 2.001" (51mm) D

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

M6FC

M7FB

6EFLANGE

6FLANGEB

7EFLANGE

7FLANGEB

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 2.5" adapter for customer supplied 2.5" grommet, plus a 3" and 3.5" flange mount
- Strip-Lite™ available in two levels of intensity
- Fluorent Plus™ Series is available in increments of 9" (228mm) and includes both a C clip for snap-in and P clip for fixed mounting. Silicone rubber end caps
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Five year warranty

86CE1

T0CACCCR

20C0CDCR

5GC0CCCR

PSC0ADCR

PSC0CDCR

F18PC

Model	Optics	Technology	Mount	VDC	Amps	Cable	Size
86CE1	Rectangular interior dome	Super-LED	Requires cut-out, includes flange	12	2/High 0.20/Low	6" Pigtail	6.438"(163mm) H x 8.188"(208mm) W x 1.25"(32mm) D
T0CACCCR	2" Round compartment	5mm LED	Surface		0.025	6" Pigtail	2" (51mm) Dia.
20C0CDCR	2G Series (4" round) compartment	Super-LED 12 diode	Surface mount requires optional mounting		0.360	6" Pigtail includes Deutsch® connector	4" (102mm) Dia.
20C0CDCD							
5GC0CCCR	5G Series compartment	Super-LED	Includes Black grommet, requires optional mounting		0.525	6" Pigtail	3.188" (81mm) H x 7.438" (189mm) W x 1.5" (38mm) D
PSC0ADCR	Strip-Lite compartment	6 diode LED	Surface		0.240		1" (25mm) H x 11.5" (292mm) W x 1.375" (35mm) D
PSC0CDCR		18 diode LED			0.480		
F09PC	Fluorent Plus compartment tube lighting	Super-LED	Surface		0.06		0.625" (16mm) H x 9" (228mm) W
F18PC					0.125		0.625" (16mm) H x 18" (457mm) W
F27PC					0.16		0.625" (16mm) H x 27" (686mm) W
F36PC					0.18		0.625" (16mm) H x 36" (914mm) W
F45PC					0.24		0.625" (16mm) H x 45" (114cm) W
F54PC					0.32		0.625" (16mm) H x 54" (137cm) W
F63PC					0.42		0.625" (16mm) H x 63" (160cm) W

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

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

TFLANGEC

TFLANGEB

TGROM2

2GFLANGC

2GFLANGB

2GROMMET

5GFLANGC

5GFLANGB

PSBKT451

WHELEN®

Interior Lighting

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

3SC0CDCR   3SR0CDRR   3SBCCDCR   3SRCCDCR

60C0EHCR   side view   60C0EJCS   60CBEGCS   60CREGCS

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

Model	Optics	Technology	Mount	Housing	Switch	VDC	Amps	Cable	Size
3SC0CDCR	3" Round LED	Compartment White	Surface / Optional mounting available	Rubber gasket housing	-	12	0.380	6" Pigtail	3" (76mm) Dia.
3SR0CDRR		Nighttime illumination, Red					0.300		
3SBCCDCR		Compartment split Blue/White					0.310		
3SRCCDCR		Compartment split Red/White							
60C0EHCR	6" Round Super-LED	Compartment 18 diode, White	Surface	-	-		1.2/High 0.13/Low		6" (152mm) Dia. x 0.625" (16mm) D
60C0EJCS		Compartment 6 diode, White			On/Off		0.70/High		
60CBEGCS		Compartment 6 Blue diodes & 6 White diodes			Dual switches for On/Off color and On/ Off and White		0.70/White 0.50/Blue		
60CREGCS		Compartment 6 Red diodes & 6 White diodes					0.70/White 0.50/Red		
70CREGCS	700 Series	Compartment 30 Red diodes & 30 White diodes			Backlighted dual switches for On/Off color and White		0.35/White 0.50/Red 2mA/ Switch		3.063" (78mm) H x 7.25" (184mm) W x 1.25" (31mm) D
80C0EHCR	8" Round Super-LED ambulance light	18 Diode, White	4 Screws, fits industry standard 8" cutout, no mounting hardware required	Chrome flange	Built-in Hi/Low intensity		1.2/High 0.13/Low		80.625" (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

3FLANGEC   3GROMMET

WHELEN 53

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 2.5" adapter for customer supplied 2.5" grommet, plus a 3" and 3.5" 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

0AC0EDCR 0SC0EDCR

0SA00MCR T0R00MRR

PSTANK

PELCC P36SLC P46SLC P46FLC P46WLC P46S2R

Model	Optics	Technology	Application	Mount	Color	Lens	Housing	VDC	Amps	Patterns	Size
0SC0EDCR	0S Series	LED	White illumination	Surface	W	Clear	Chrome	12	0.3	Steady	1" (25mm) H x 1.5" (38mm) W x 0.5" (13mm) D
0AC0EDCR											1" (25mm) H x 1.875" (48mm) W x 0.875" (21mm) D
0SA00MCR			Marker or clearance		A	A					1" (25mm) H x 1.5" (38mm) W x 0.5" (13mm) D
0SR00MCR					R	R					
T0A00MAR	2" Round				A	A	-		0.8/max 0.5/avg		2" (51mm) Dia.
T0R00MRR					R	R					
PSTANK	Strip-Lite™		Fluid indicator		R, A, B, G				0.45/max		1.375" (35mm) H x 11.5" (292mm) W
PELCC	PEL Series		Ground perimeter lighting		W	Clear	Chrome	12	.85		2.25" (56mm) H x 7.875" (201mm) W x 10.625" (42mm) D
PELCB							Black				
PELCC4							Chrome	24	.37		
PELCB4							Black				
P46SLC	PAR-46	Super-LED®	2° Spotlight	Drop-in replacement for outdated halogen spotlight lamps	W	Smoked	Black powder coated die-cast aluminum heatsink	12	2.3		50.625" (144mm) Dia x 2.688" (69mm) D
P46SLCX						Clear					
P46FLC			8° Spotlight			Smoked			1.9		50.625" (144mm) Dia x 1.813" (46mm) D
P46FLCX						Clear					
P46WLC			20° x 60° Floodlight			Clear					
P46WLCX						Smoked					
P46S2*			8° Spotlight with Blue or Red warning							1 wire control for Spot and Warning	
P46S2X2			8° Spotlight with California Steady Red			Clear			1.0 Warning 1.4 Spotlight		
P46S2*3			8° Spotlight with Blue or Red warning							1 wire control for Spot, Warning with alternating flash	
P36SLC	PAR-36		2° Spotlight					12/24	0.85 @ 12 VDC 0.325 @ 24 VDC	Steady	4.5" (111mm) Dia. x 2" (51mm) D

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

● ● ● ● ○

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

TGROM2 TFLANGEC TFLANGEB

WHELEN®

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

AFM1660

AFM560

AFL530

UFM8

ULF44

UHF2150A

NEW SLFLASH

SSFP0S

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	0.625" (15mm) H x 7.25" (184mm) W x 3.813" (97mm) D
AFM560				5		3 @ 25A 2 @ 10A					0.625" (15mm) H x 7.25" (184mm) W x 3.813" (97mm) D
AFL530		LED or Super-LED				3 @ 10A 2 @ 5A					0.625" (15mm) H x 6.5" (165mm) W x 20.75" (70mm) D
SSFPOS	Headlight/grille light	Halogen, LED or Super-LED		2 Outlets	1x1	12.5		7	Yes	-	0.875" (22mm) H x 2" (50mm) W x 20.75" (70mm) D
UHF2150A			Relay								1.5" (38mm) H x 4.25" (108mm) W x 3" (76mm) D
ULF44	Lighthead	LED or Super-LED	High side solid-state	4 Outlets 4 Channels	2x2	5		62 alt/simul	-		0.75" (26mm) H x 20.75" (70mm) W x 3.5" (89mm) D
UFM8		Halogen, LED or Super-LED	Low side solid-state	4 Outlets	2x2x2x2			16 plus Traffic Advisor™			0.75" (26mm) H x 20.75" (70mm) W x 3.5" (89mm) D
SLFLASH	Auxiliary LED lightheads	LED	100% solid-state	8	Program-mable			64	Yes		3.375" (86mm) H x 6.375" (162mm) W x 3.375" (86mm) D

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

PCCS9RW

PCC4W

PCCS9LW

PCC6W
PCC6W1

WCC9
WCC92

PCC8R

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	10.625" (40mm) H x 6" (152mm) W x 6.25" (159mm) D
PCCS9LW	Economical control center for use with Freedom®, & Liberty II™ lightbars		6 On/Off, 1 programmable On/Off switch	1 Nine position and 5 conductor AMP Mate-N-Lok connector, to match lightbar cables	10.625" (40mm) H x 6" (152mm) W x 4" (102mm) D
PCC4W	SPST, Lighted switches	4	25 amp	5 Wires power input, 5 wires output	2.25" (57mm) H x 3.25" (83mm) W x 4" (102mm) D
PCC6W		6	(6) 25 amp	8 Position rear connector block	2.25" (57mm) H x 60.625" (168mm) W x 30.625" (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	8 Position rear connector block, supplied wiring harness	Relay Box: 1.25" (32mm) H x 7.25" (184mm) W x 40.75" (121mm) D Control head same as WCC9
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	2.5" (64mm) H x 4.188" (106mm) W x 0.875" (22mm) D
WCC92	Electronic control for Liberty II and Legacy® WeCan Lightbars				

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			-
PC3		On/Off/On		SPDT	Yes

4SWITCH

3SWITCH

2SWITCH

1SWITCH

WHELEN®

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

CANport CAN Interface module

Amplifier Control Module

CANCTL5

Standard Microphone

CCSRN4DA

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

CANCTL6

CANCTL7

Model	Description	Size
CCSRN4	Amplifier Control Module	3.125" (79mm) H x 11.5" (289mm) W x 70.625" (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	5.563" (141mm) H x 2.688" (68mm) W x 1.25" (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	3.5" (89mm) H x 6.875" (174mm) W x 1.313" (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)	3.5" (89mm) H x 6.875" (174mm) W x 1.313" (33mm) D

Model	Option Description
CCSRN4DA	WeCan External Amplifier, for use with CanTrol®, for dual amplifier applications
NEW CC5K1	Installation kit for CCSRN5 Series, for 2016-2018 Ford Interceptor Utility, Interceptor Sedan and F-150, 2018 Ford F-250/F-350/F-450/F-550, Expedition and Transit, 2017 Ford Fusion and 2016-2017 Dodge Charger
CC5K2	Installation kit for CCSRN5 Series, for 2016-2018 Chevy Tahoe
NEW CC5K3	Installation kit for CCSRN5 Series, 2018 Dodge Charger, Durango and Ram 1500
CANEM16	16 Output expansion module

WHELEN®

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 2 @ 20A 4 @ 10 A 4 @ .25 mA 1 @ 10 A Dry contact relay	12	Standard	20' Cable included	Siren Amplifier: 3.125" (79mm) H x 8.25" (210mm) W x 60.75" (171mm) D
CCSRN3A		-					
CCSRNTA3		Includes Traffic Advisor module					
CCSRNT3A							
CCSRN35	Handheld with 3 position progressive push-button switches and 9 push-buttons	-			Built into control head		Rectangular Control Heads: 3.5" (89mm) H x 6.875" (174mm) W x 1.313" (33mm) D
CCSRNT35		Includes Traffic Advisor module					
CCSRN36	3 sections with 8 push-buttons, 3 position slide switch with a 7 position rotary knob, manual airhorn, plus 3 Traffic Advisor switches	-			Standard		Handheld Control Head: 5.313" (135mm) H x 2.188" (56mm) W x 1.125" (29mm) D
CCSRN3F		-					
CCSRNT36		Includes Traffic Advisor module					
CCSRNT3F							

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

CCTRIM

WHELEN®

NEW HHS3200 & HHS4200

- Meets Class A requirements of SAE, AMECA, KKK1822, and California Title XIII
- Windows based programming software for full customization and configuration
- Three control heads available
- Operates one or two 100 watt speakers
- Nine 10 amp relay outputs
- Two year warranty

NEW HHS3200   *CANCTL5*

Amplifier Module
- Durable Black molded housing
- Wail, Yelp, Piercer, Manual Siren, and Airhorn tones are preset standard
- 65 total tones, including mechanical tones and California Yelp
- Includes 24' interconnect cable
- External spade-type fuses
- Size: 7.46" (18.95cm) H, 8.49" (21.56cm) W, 2.35" (5.97cm) D

3200
- Compatible with low current or high current products, or any light with a built-in flasher

CANCTL6

4200
- Includes WeCan® port that supports the Inner Edge® FST™ and RST™ Series, WeCan lightbars, or WeCan external amplifier

CANCTL7

Model	Siren Type	Total Amps	Output (Watts)	VDC	Switches	Siren Tones	Size
NEW HHS3200	Siren amplifier with handheld controller (CANCTL5)	Nine 10 amp relay outputs	1 or 2 100 Watt speakers		5-Position progressive light/siren control, 9 push-buttons	65	Control head : 5.56" (141mm) H x 1.22" (31mm) D x 2.70" (69mm) W
NEW HHS3206	Siren Amplifier with controller (CANCTL6)				8 push-buttons, 4-position slide switch with a 7-position rotary knob		Control head : 3.661" (93mm) H x 1.40" (36mm) D x 6.931" (176mm) W
NEW HHS3207	Siren amplifier with controller (CANCTL7)				21 push-buttons, 4-position slide switch		Control head : 3.661" (93mm) H x 1.422" (36mm) D x 6.931" (176mm) W
NEW HHS4200	Same as HHS3200, except with WeCan port				5-Position progressive light/siren control, 9 push-buttons		Control head : 5.56" (141mm) H x 1.22" (31mm) D x 2.70" (69mm) W
NEW HHS4206	Same as HHS3206, except with WeCan port				8 push-buttons, 4-position slide switch with a 7-position rotary knob		Control head : 3.661" (93mm) H x 1.40" (36mm) D x 6.931" (176mm) W
NEW HHS4207	Same as HHS3207, except with WeCan port				21 push-buttons, 4-position slide switch		Control head : 3.661" (93mm) H x 1.422" (36mm) D x 6.931" (176mm) W

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

GAMMA2

EPSL1

EPSL2S6

EPSL2S9

Model	Series	Siren Type	Current Draw (Amps)	Output Power (Watts)	Switches	Hands-Free	Siren Tones	Micro-phone	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	2.25" (57mm) H x 5.375" (137mm) W x 5.5" (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	Bail bracket	2.25" (57mm) H x 5.875" (149 mm) W x 5.5" (140mm) D
EPSL2S6			8 @ 100w	1 or 2 100 Watt speakers	7 Position rotary switch and 6 On/Off toggle					3.25" (83mm) H x 5.875" (149 mm) W x 50.625" (143mm) D
EPSL2S9			16 @ 200w		7 Position rotary switch, 4 position slide switch and 6 On/Off toggle					

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

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	4.313" (110mm) H x 5.5" (138mm) W x 40.625" (118mm) D
WSSPA30		Combination remote siren/speaker with standard microphone						10 Plus airhorn with override and public address		

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

WHELEN®

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

295SDA1
295SSA1

295SLSA1

295HFS2

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™ Includes radio repeat and PA	J1849 KKK 1822F Meets California Title XIII	2 Year	Control Head: 3.5" (89mm) H x 6.875" (219mm) W x 1.25" (32mm) D Amplifier: 2.25" (57mm) H x 80.625" (219mm) W x 7.125" (189mm) D
295SSA1	Single tone programmable remote amplifier and control head with lights and siren control	1 Siren amplifier								
295SLSA1	Self-contained	Selectable 100 or 200 watt		7 Position tone rotary knob with volume control knob	-	yes	17 Scan-Lock		5 Year	2.5" (64mm) H x 5.5" (140mm) W x 6" (152mm) D
295HFS2	Control head with remote amplifier		Flush mount	7 Position tone rotary knob			4			Control Head: 2.875" (73mm) H x 6.25" (159mm) W x 20.75" (60mm) D Amplifier: 2.375" (60mm) H x 6" (152mm) W x 7" (178mm) D
295HFS2X		Selectable 100 or 200 watt with dual amplifiers								

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

295SLSA6

295HFSA7

295HFSC9

295SL100

295SL101

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	Yes	17 Scan-Lock™ Includes radio repeat and PA	Meets California Title XIII and SAE J1849	5 Year	3.313" (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		12 Includes radio repeat and PA			Control Head: 2.875" (73mm) H x 6.25" (159mm) W x 3" (76mm) D Amplifier: 2.25" (57mm) H x 9.125" (232mm) W x 8" (203mm) D
295HFSC9	Self-contained dual									2.25" (57mm) H x 6" (152mm) W x 7" (177mm) 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 Includes radio repeat and PA	Meets California Title XIII and SAE J1849	2 Year	2.5" (64mm) H x 6" (152mm) W x 5.5" (140mm) D
295SL101				7 Position tone rotary knob with manual tone button and volume control knob						

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

WHELEN®

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 volume Hi/Low
- PA Series airhorns are inexpensive supplements to vehicle's horn sound level with an airhorn tone

ALPHA12S

ALPHASL

BETA1

BETA2

BETA112R

WPA112

WPA3FM

WPA3BM

PAP112

GAMMA2

Model	Series	Siren	Output	VDC	Switches	Hands-Free	Tones	Micro-phone	Mount	Size
ALPHA12S	Alpha Series	Self-contained	100 Watts	12	3 Position rocker switch and airhorn button		5	-	Bail bracket	2.5" (64mm) H x 6" (152mm) W x 40.625" (117mm) D
ALPHASL	Alpha Series	Remote	200 Watts		Requires separate switches		15 Scan-Lock™		Base mount flange	2.25" (57mm) H x 5" (127mm) W x 40.75" (120mm) D
BETA112R	Beta Series	Remote amplifier only			Requires separate switches		16 Programmable Scan-Lock		Base mount flange	2.313" (59mm) H x 5.25" (134mm) W x 5.5" (140mm) D
BETA1	Beta Series	Control head only			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 4.5" (114mm) W x 2.688" (144mm) D
BETA2	Beta Series	Requires BETA112R remote amplifier (purchased separately)			7 Position tone rotary knob, volume control knob, lights/siren toggle switch and manual/airhorn toggle switch	Yes	5 Includes radio repeat and PA	Yes	Surface or recess	10.75" (44mm) H x 4.25" (108mm) W x 2" (64mm) D
WPA112	WPA Series	Water resistant remote amplifier	100 Watts		Requires separate switches	Yes	4 Includes radio repeat and PA	-	-	2.875" (73mm) H x 3.5" (89mm) W x 7.875" (200mm) D
WPA3BM	WPA Series	Encapsulated water resistant control head			4 Rocker switches, requires WPA112 siren amplifier	Yes	4 Includes radio repeat and PA	Yes includes 20' cable	Bail bracket	3.875" (98mm) H x 7.25" (184mm) W x 2.875" (71mm) D
WPA3FM	WPA Series	Encapsulated water resistant control head			4 Rocker switches, requires WPA112 siren amplifier	Yes	4 Includes radio repeat and PA	Yes includes 20' cable	Flush mount	40.625" (118mm) H x 8.125" (206mm) W x 2.875" (71mm) D
PAH112	PA Series	Power airhorn			Can be wired remotely to the horn ring or to a customer supplied switch	-	1	-	-	2.5" (64mm) H x 5.875" (149mm) W x 60.75" (171mm) D
PAP112	PA Series	Power airhorn			Can be wired remotely to the horn ring or to a customer supplied switch	-	1 Includes PA	Yes	-	2.5" (64mm) H x 5.875" (149mm) W x 60.75" (171mm) D
GAMMA2	Gamma Series	Self-contained			2 aux switches, 5 buttons, power, standby, tone, manual, horn	Yes	23 Scan-Lock	-	Bail bracket	2.25" (57mm) H x 5.375" (137mm) W x 5.5" (140mm) D

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

ALPHA5

ALPHA4

ALPHA2

ALPHA3

ALPHA1

BETA2BKT

WHELEN® 63

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

SA315P

SA314A

SA314B

SA31I01P/D

SA123BMC

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	6.5" (165mm) H x 6.438" (164mm) W x 2.875" (74mm) D
SA314A					Natural cast aluminum		6.188" (157mm) H x 6.438" (164mm) W x 3.5" (89mm) D
SA314B					Black epoxy coated cast aluminum		
SA123BMC					Chrome	Includes mounting flange for flush mount	7.313" (186mm) H x 9.313" (237mm) W x 50.625" (144mm) D
SA31I01P	UnderPro	Ambulance speaker passenger side			Nylon composite	International 4300,4400 chassis 2001-2018	Vehicle specific
SA31I01D		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
NEW SAK64D		Ford Expedition SSV, 2018, driver side
NEW SAK64P		Ford Expedition SSV, 2018, passenger 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

SAK1

SAK9

WHELEN®

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

HOWLER

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: 7.25" (184mm) Dia. x 8.375" (213mm) D Ampllfier: 2.25" (57mm) H x 5" (127mm) W x 40.75" (121mm) D
HWLUNI			100 Watts			Universal	
HWLFE13	Howler 1 Speaker					2013-2018 Ford Police Interceptor Utility with fog lights	

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
NEW HWLRB27	Bracket for Ford Expedition SSV, 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

WHELEN®

Alphabetical Product Index

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.

Whelen Engineering reserves the right to upgrade and improve products without notice.

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