

# Legacy<sup>®</sup> Series



GS8AAAA  
shown with optional inboard  
modules and work lights

## SOLO<sup>™</sup>

### FEATURES

- Single color Linear Super-LED<sup>®</sup>
- 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 minimize environmental damage from sand, sun, salt, and road chemicals
- Plug & Play into Whelen WeCan<sup>®</sup> controllers
- Clear outer lenses standard (available with color lenses)
- Optional photocell automatically dims the lightbar at night and still meets SAE Class 1 requirements in low power mode
- Optional Traffic Advisor<sup>™</sup> available in single or DUO<sup>™</sup> color
- Many options available, consult current price list or WeCad<sup>™</sup> 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 specifications](#)
- Size: 1.625" (41mm) H x 11.313" (287mm) D

### MODELS



Legacy WeCan, Single Color	
GS4****	43.25" (110cm), one color
GS8****	48" (123cm), one color
GS2****	53.75" (136cm), one color

## DUO+<sup>™</sup>

### FEATURES

- All warning lighthoods are true DUO+, whether one color or two. Each segment can be operated independently or at the same time, without loss of intensity
- Advanced Thermal Design reduces the stress on LEDs during extended dwell time
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- Hard-coated lenses minimize 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 specifications](#)
- Size: 1.625" (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****	53.75" (136cm), one color
GB2#####	53.75" (136cm), two color

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

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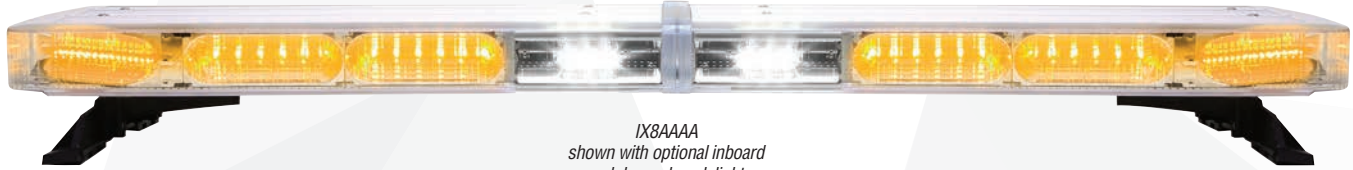
Replace \* symbol in model number with letter indicating color desired: A=Amber, C=White  
Replace # in model number with interleaved color desired: F=Amber/White, M=Blue/Amber





# Liberty™ II Series

**PROCLERA**  
SILICONE OPTICS



IX8AAAA  
shown with optional inboard  
modules and work lights

**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
- 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 minimize 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 and 1.2/avg per corner
- Meets SAE Class 1 specifications
- Size: 2.50" (64mm) H x 11.313" (287mm) D

## MODELS



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



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



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

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# Freedom<sup>®</sup> IV DYAD<sup>™</sup> Series



F4W4AAAA  
shown with optional inboard  
modules and work lights

## DYAD - Two Level

### FEATURES

- Linear Super-LED<sup>®</sup> technology
- WeCan<sup>®</sup> DYAD two level technology (single or two color) allows for individual control of each level of each lighthouse
- Low Current DYAD two level technology (single color) allows for individual control of each lighthouse segment (2x2)
- Add up to 16 optional Linear Super-LED directional modules
- Advanced Thermal Design reduces the stress on LEDs during extended dwell time
- Aluminum top repels hail and other environmental damages
- Center dividers with Liquid Injection Molded seals protect internal components from water infiltration
- One piece UNI-DOME construction with a single sealing point assures lightbar integrity in all weather conditions
- 100% solid-state electronics
- Clear outer lenses standard
- Hard-coated lenses minimize 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<sup>™</sup> build-a-bar software
- Five year warranty

### SPECS

- 12 VDC
- Amps - 1.68/peak and 0.67/avg per corner
- Meets SAE Class 1 specifications
- Size: 3.75" (95mm) H x 12.50" (318mm) D

### MODELS

Freedom IV DYAD, Low Current	
F4X4****	44.50" (113cm)
F4X8****	49.25" (125cm)
F4X2****	55" (140cm)
F4X0****	60" (152cm)
F4X7****	72" (183cm)

Freedom IV DYAD, WeCan	
F4W4****	44.50" (113cm)
F4W8****	49.25" (125cm)
F4W2****	55" (140cm)
F4W0****	60" (152cm)
F4W7****	72" (183cm)

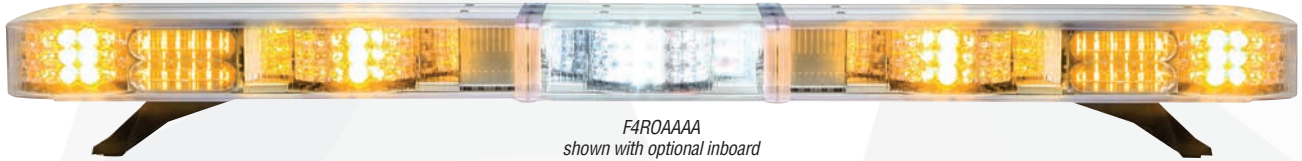
Replace \* symbol in model number with letter indicating color desired:  
A=Amber, C= White



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# Freedom<sup>®</sup> IV Rota-Beam<sup>™</sup> Series



F4R0AAAA  
shown with optional inboard  
modules and work lights



## FEATURES

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

## SPECS

- 12 VDC
- Amps per rotator, 1.3/peak and 0.6/avg
- [SAE Class 1 Certified](#)
- Size: 3.75 (95mm) H x 12".50 (318mm) D

## MODELS

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

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



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# Justice® Series



JE2AAAA  
shown with optional inboard  
modules and work lights

## FEATURES

- Available with 9 or 6 diode Linear Super-LED® corners
- Individual control of each lighthouse
- Plug & Play into Whelen WeCan® or vehicle manufactured controllers
- Extruded aluminum platform and Black polycarbonate base for added strength
- Hard-coated lenses 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 and 0.6/avg per corner
- 6 diode Linear-LED Corner Amps, 1/peak and 0.4/avg per corner
- Meets SAE Class 1 specifications
- Size: 2.25 (57mm) H x 12" (304mm) D

## MODELS

### Justice Low Current, 9 Diode Linear-LED® Corners

JC4****	44" (112cm)
JC8****	50.125" (132cm)
JC2****	56.25" (152cm)
JC0****	62.375" (158cm)

### Justice Low Current, 6 Diode Linear-LED Corners

JE4****	44" (112cm)
JE8****	50.125" (132cm)
JE2****	56.25" (152cm)
JE0****	62.375" (158cm)

### Justice WeCan, 9 Diode Linear-LED Corners

JV4****	44" (112cm)
JV8****	50.125" (132cm)
JV2****	56.25" (152cm)
JV0****	62.375" (158cm)

### Justice WeCan, 6 Diode Linear-LED Corners

JY4****	44" (112cm)
JY8****	50.125" (132cm)
JY2****	56.25" (152cm)
JY0****	62.375" (158cm)

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



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# Century™ Elite Series



CE4AAA  
shown with optional work lights

## FEATURES

- Four extended Linear Super-LED® corner modules
- Extruded aluminum platform
- Standard low current switching with multiple Scan-Lock™ flash patterns and pattern override feature
- Front/rear and all bar control
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Compression fit gaskets provide moisture resistance
- Clip-Lock™ system allows easy access to lightbar for service or upgrade
- Clear outer lenses, color lenses available
- Optional LIN12™ inboard modules
- Many options available, consult price list and/or WeCad™ software
- Five year warranty

## SPECS

- 12 VDC
- 9 diode Linear-LED® Corner Amps, 0.42/peak and 0.4/avg
- [SAE Class 1 Certified](#)
- Size: 2.25" (57mm) H x 8" (207mm) D

## MODELS

### Century 9 Diode Linear-LED® Corners

CE4****	44" (112cm)
CE8****	50" (132cm)

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



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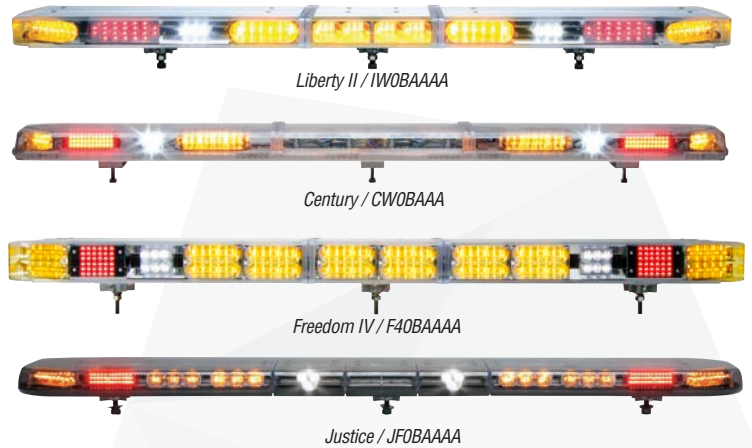
# Towman's™ Series



**PROCLERA**  
SILICONE OPTICS

## FEATURES

- SAE Class 1 Certified
- Liberty™ II models feature Whelen's all-new, patent pending Proclera® Silicone Optics for increased clarity (available in work lights)
- Front/rear warning lights are separately controlled
- Includes rear facing LED brake/tail/turn signals
- Three adjustable slide bolt mount
- Hard-coated lenses minimize environmental damage from sand, sun, salt, and road chemicals
- Many options available, consult price list and/or WeCad™ software
- 12 VDC
- Five year warranty



## MODELS

Model	Series	Length	Size	Lighting	Inboard Warning Lights	Patterns	Base	Lenses
IW0BAAAA	Liberty II	60" (154cm)	2.50" (64mm) H x 11.313 (287mm) D	4 Linear-LED® corners 2 Super-LED® work lights, 2 LED brake/tail/turn lights	2/Front, 4/Rear	WeCan®	Extruded aluminum I-Beam	Clear
CW0BAAA	Century™		2.25" (57mm) H x 12" (304mm) D		4 Amber Linear-LEDs (2/Front, 2/Rear)	Action-Scan™		Color lenses standard
F40BAAAA	Freedom® IV		3.75" (95mm) H x 12.50" (318mm) D		4 Bi-level Linear-LED corners 2 Super-LED work lights, 2 LED brake/tail/turn lights	2/Front, 6/Rear (add up to 12 optional linear lighthead in pairs)		75 Signal-Alert™
JF0TAAAA	Justice®	62.375" (158cm)	2.25" (57mm) H x 12" (304mm) D	4 Linear-LED corners 2 Super-LED work lights, 2 LED brake/tail/turn lights	Optional*	Action-Scan	Black polycarbonate base on extruded aluminum platform	Clear outer standard, color available
JF0BAAAA					6 Amber CON3™*			
JF0DAAAA					5 Amber CON3* & Traffic Advisor™			
JFOFAAA					16 Amber CON3s & brake/tail/turn			

\* Note: Can also add options. Special order Red or Blue

## OPTIONS

Liberty II	
Model	Description
IWDLA	Long 6 Super-LED lighthead, Amber
IWDSA	Short 3 Super-LED lighthead, Amber

Century	
Model	Description
CEDLXA	One LIN12, Amber
CDT6A	One TIR6, Amber

Freedom IV	
Model	Description
F4EDLA	One single color long economy DYAD™ Lighthead, Amber

Justice	
Model	Description
JDC*	One CON3

See Page 57 for Power Control Centers & Switches

# Inner Edge® FST™ Series



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

## FEATURES

- Mounts to visor anchor points
- Available as passenger side only or driver and passenger side
- 38 Scan-Lock™ flash patterns
- Five or six lamps (per side)
- 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
- Increase clarity with Whelen's all-new, patent pending Proclera® Silicone Optics
- Vehicle specific housing minimizes flashback to vehicle passengers
- 17' cable included
- Ships fully assembled
- 12 VDC
- [Meets SAE Class 1 specifications](#)
- Five year warranty

## MODELS

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

			Ford		Chevy		Dodge	
Lamps	Units	Take-downs	NEW	F-150, 2015-2018, F-250/F-350, 2017-2018	Suburban/Tahoe, 2015-2018, Silverado 1500/2500/3500, 2014-2018	NEW	Ram 1500, 2011-2018	
			Expedition, 2018					
SOLO - Low Current	Passenger Only	1		ISFL474				
				ISFL485		ISFL455	ISFL425	
		0		ISFL475				
	Driver & Passenger	2		ISFL478				
				ISFL48Z		ISFL45Z	ISFL42Z	
		0		ISFL47Z				
12			ISFL48X		ISFL45X	ISFL42X		
SOLO, DUO, or TRIO - WeCan	Passenger Only	1		ISFW474				
				ISFW485		ISFW455	ISFW425	
		0		ISFW475				
	Driver & Passenger	2		ISFW478				
				ISFW48Z		ISFW45Z	ISFW42Z	
		0		ISFW47Z				
12			ISFW48X		ISFW45X	ISFW42X		

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



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

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

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



# Inner Edge® RST™ Series

**PROCLERA®**  
SILICONE OPTICS



**SOLO™ - Single color**

**DUO™ - Two color interleaved**

**TRIO™ - Three color interleaved**

ITRAYL12

## FEATURES

- Mounts to the rear headliner of SUVs and pickup trucks
- Drop-in lighthouse tray is universal, allowing for easy serviceability
- Lighthouse tray can be repurposed to a different vehicle by obtaining an alternate housing and mounting kit
- 70 Scan-Lock™ flash patterns
- Low Current models are available with SOLO light modules
- WeCan® models are fully programmable, providing individual control of each color, and are available with SOLO, DUO, or TRIO interleaved light modules
- 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 specifications](#)
- Five year warranty

## MODELS

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

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



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

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

Vehicle Specific Housing	
IS458	Chevy Tahoe/Suburban, 2015-2018, upper rear housing for eight or ten modules
IS488	Ford Expedition, 2018, upper rear housing for eight or ten modules
IS448	Dodge Durango, 2016-2018, upper rear housing for eight or ten modules

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# Outer Edge® Series



OELS45



RPLS45

## FEATURES

- Lighthoods 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 specifications
- Five year warranty

### Rear Facing

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

### Rear Pillar

- Vehicle specific vacuum formed ABS housings conform to vehicle back pillars
- All-new vacuum formed housings provide easy serviceability and conform to vehicle back pillars
- Housings mount with 3M® VHB tape, included

## MODELS

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

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

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



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