



# LEGEND® LPX LIGHTBAR

available in:



**New Legend LPX Series offers many of the same premium features found on high-end lightbars at a surprisingly moderate cost.**

The low-profile LPX Series is the latest addition to the highly respected Legend lightbar line, and employs powerful LEDs in tandem with Federal Signal's exclusive Solaris® reflector technology to supply 360-degrees of coverage plus superior off-axis light output.



**ROC (Reliable Onboard Circuitry™) technology ensures optimum reliability by eliminating 85% of the failure points common to conventional lightbar designs.** Ruggedly built to withstand the most punishing conditions, these solid-state lightbars are engineered to supply extended service life with fewer repairs. That's why the LPX Series carries Federal Signal's five-year warranty on LEDs.

**The LPX Series showcases many of the same features typically found on lightbars costing substantially more.** This includes LED alley and takedown lights, front and rear light cut-off control, and a dimming feature to reduce light output when the vehicle is stationary. In addition to providing flash patterns and controller options as standard Legend lightbars, LPX models also feature Federal Signal's patented Convergence Network for "plug-and-play" programming to facilitate faster, easier installation and maintenance.

**It's your call: 45-, 53- and 61-inch lengths...amber, blue, red, green and white LEDs...amber, blue, clear and red top domes.** Legend LPX delivers a host of options such as a built-in SignalMaster™ directional warning control, ultra-bright white takedown lights and either a three- or six-button serial controller for variable light control.



## > Features

- Solaris® LED Reflector Technology
- ROC (Reliable Onboard Circuitry™) technology
- FS Convergence Network for "plug-and-play" installation
- All-LED lightbar – LED Alleys and LED Takedowns available
- LED colors available in Amber, Blue, Red, Green, or White
- Top dome covers available in Amber, Blue, Red or Clear
- Available in 45-inch, 53-inch, and 61-inch lengths
- Optional built-in SignalMaster, front/rear cut-off, intersection warning, and "dimming" functions
- Same flash patterns and controller options as standard Legend lightbars
- Five-year LED warranty

## > Approvals

- SAE J845 - Red warning lights meet Class 1, Blue and Amber meet Class 2
- SAE J595 – Red warning lights meet Class 1, Blue and Amber meet Class 2



## > How to Order

To order, choose one of the preselect models shown below or utilize Federal Signal's on-line configurator [www.config.fedsig.com/lightbar](http://www.config.fedsig.com/lightbar) to customize your own lightbar.

### Select Model

**LPX45-00009** Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (5) Red LED reflectors, (2) Blue corner LED reflectors, (5) Blue LED reflectors, interface module, Black hook mount

**LPX45-00010** Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (2) Red LED reflectors, (2) Blue corner LED reflectors, (2) Blue LED reflectors, (6) Amber LED reflectors, interface module, Black hook mount

**LPX45-00019** Amber, (18) Amber LED reflectors, 6-button controller, flat mount

**LPX45-00020** Amber, (14) Amber LED reflectors, (2) LED takedowns, 6-button controller, flat mount

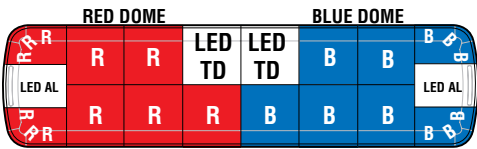
**LPX53-00018** Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (3) Red LED reflectors, (2) Blue corner LED reflectors, (3) Blue LED reflectors, (8) Amber LED reflectors, interface module, Black hook mount

**LPX53-00019** Red/Blue, (2) LED alley lights, (2) LED takedowns, (2) Red corner LED reflectors, (7) Red LED reflectors, (2) Blue corner LED reflectors, (7) Blue LED reflectors, interface module, Black hook mount

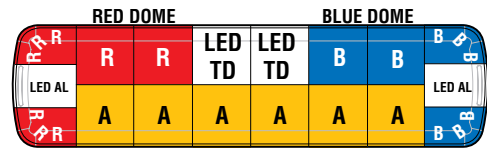
	45"	53"	61"
<b>Specifications</b>			
Voltage	12.8 VDC for all models		
Current Draw — Per Lighting Options (All three lengths)			
LED Takedown Light	1.0 A**		
Alley Light	2.7 A*		
Solaris LED - Main Lightbar	1.0 A**		
<b>Physical Specifications</b>			
Length	44.5 in (113.0 cm)	52.7 in (133.9 cm)	60.9 in (154.7 cm)
Width	11.2 in (28.4 cm)	11.2 in (28.4 cm)	11.2 in (28.4 cm)
Height	2.5 in (6.4 cm)	2.5 in (6.4 cm)	2.5 in (6.4 cm)
<b>Shipping Weight</b>			
	20.4 lb (9.2 kg)	24.2 lb (10.9 kg)	28.0 lb (12.6 kg)

\*Amperage per pair, with flashing takedown and alley lights.

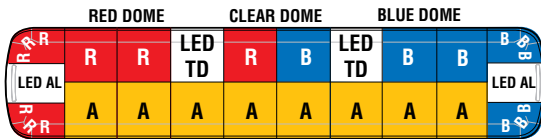
\*\* Amperage in steady burn mode.



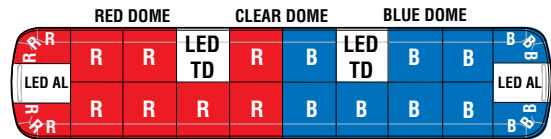
LPX45-00009



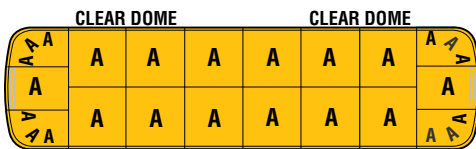
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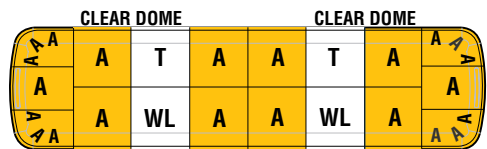
LPX53-00018



LPX53-00019



LPX45-00019



LPX45-00020



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