



## ▶ Legend I Lightbar

### FEATURES

- Low-profile, linear lightbar design offers front and rear cut-off and dimming features
- Patented ROC (Reliable Onboard Circuitry™) eliminates approximately 85% of the potential failure points in a typical lightbar
- Optimized Solaris® LED reflectors maximize warning lights at 360-degrees and 90-degrees off-axis
- Optional built-in SignalMaster™ directional warning
- LED S/T/T (stop/turn/tail) available
- LEDs available in Red, Blue, White, Amber, and Green
- Domes available in Red, Blue, Amber, and Clear
- 5-year warranty

### APPROVALS

- SAE J845, Class 1
- SAE J595, Class 1
- CA T13, Class B

The Legend provides 360-degree coverage and superior off axis warning, while featuring a low profile design for a stealthy appearance. All Legend lightbars contain three modes of operation, multiple flash patterns, takedowns and alleys, front/rear cut-off, dimming and intersection warning. Optional HotFoot lights provide additional warning or takedown and alley lights.

#### ROC Solid Construction

Patented ROC (Reliable Onboard Circuitry™) technology eliminates 85% of potential failure points in the lightbar — reducing repair costs and increasing the hours your vehicle stays on the road.

#### FS Convergence Network

Easy to install and service, the FS Convergence Network provides “plug-n-play” installation. Utilizing standard RJ45 connections, the Legend can be easily programmed using a SmartSiren Platinum system. With control head programmability, the user can customize the keypad to meet their needs. Interface modules are also available for use with traditional wired sirens.

#### Solaris - The Best and Brightest in Lighting Technology

Our patented Federal Signal Solaris design features the latest in LED reflector technology for a bright and intense off axis light output.



# SPECIFICATIONS

## Warning Light Specifications

Lighting Options	Current Draw	LED Count
Flashing Solaris LED reflectors	1.0A**	Six high-brightness LEDs
LED takedown lights/work lights	1.0A**	Six bright white LEDs
LED alley light	0.5A*	Three bright white LEDs
LED SignalMaster	1.0A**	Six high-brightness LEDs

\*Amperage per pair with flashing takedown and alley lights      \*\*Amperage in Steady Burn mode

Specifications	LGD24	LGD45	LGD53	LGD61	LGD70
Operating Voltage			12.8VDC		
Operating Temp			-30°C to +65°C		
Current Draw with LED Takedowns*	11.0A	19.0A	23.0A	27.0A	31.0A

## Physical Specifications

Length	24.5 in (61.6 cm)	44.5 in (113.0 cm)	52.7 in (133.9 cm)	60.9 in (154.7 cm)	69.1 in (175.5 cm)
Diameter	11.2 in (28.4 cm)				
Height	2.5 in (6.4 cm)				

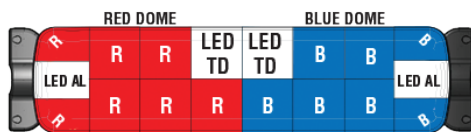
## Ship Weight (Standard foot included)

	16.6 lbs (7.5 kg)	20.4 lbs (9.3 kg)	24.2 lbs (11.0 kg)	28.0 lbs (12.7 kg)	31.8 lbs (14.4 kg)
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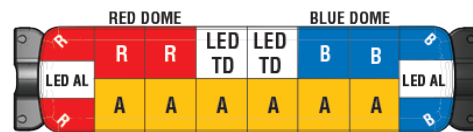
\*Maximum amperage for a typically loaded lightbar with all lights flashing

# HOW TO ORDER

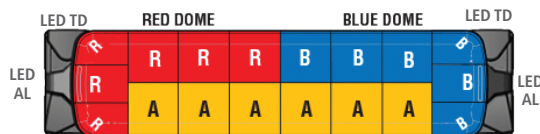
Model #	Length	Warning Lights	White LED TD/ Alley Lights	Top Dome Colors	Amber LED SignalMaster	Serial Interface Module	Mount
LGD45Z-2633892	45"	Red/Blue	✓	Red/Blue	No	✓	Hook
LGD45Z-2633906	45"	Red/Blue	✓	Red/Blue	✓	✓	Hook
LGD45HZ-2633877	45"	Red/Blue	HotFoot	Red/Blue	✓	✓	HF-Hook
LGD45HZ-2633880	45"	Red/Blue	HotFoot	Red/Blue	✓	No	HF-Hook
LGD45Z-2633881	45"	Red/Blue	✓	Red/Blue	No	No	Hook
LGD45Z-2633900	45"	Red/Blue	✓	Red/Blue	✓	No	Hook
LGD53Z-2633974	53"	Red/Blue	✓	Red/Clear/Blue	✓	✓	Hook
LGD53Z-2633983	53"	Red/Blue	✓	Red/Clear/Blue	✓	No	Hook



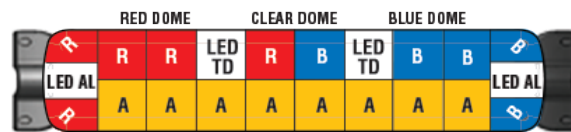
LGD45Z-2633892    LGD45Z-2633881



LGD45Z-2633906    LGD45Z-2633900



LGD45HZ-2633877    LGD45HZ-2633880



LGD53Z-2633974    LGD53Z-2633983



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