



## ▶ Legend® I Lightbar

### FEATURES

- All-LED lightbar—work lights, takedowns, alleys and S/T/T (stop/tail/turn) lights available
- FS Convergence Network, serial lightbar
- Available in 45", 53", 61", and 70" lengths
- Advanced microprocessor controller provides three modes of operation and a library of flash patterns
- Built-in SignalMaster™, front/rear cut-off, intersection warning, and "dimming" functions
- Optional 3- or 6-button controller available (wireless 6-button controller also available)
- LEDs offered in Amber, Blue, Green, Red, or White
- Top domes offered in Amber, Blue, Clear, or Red
- Solaris® LED reflector technology
- ROC (Reliable Onboard Circuitry™) technology
- Five-year LED warranty

### APPROVALS

- SAE J845 Class 1
- CAC Title 13

#### 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 of Federal Signal serial lightbars to 3- and 6-button controllers. Systems can be expanded and customized by incorporating the Relay Module, which allows users the capability of controlling (4) different devices with one unit (up to 40 amps.) This is ideal for users that would like to incorporate auxiliary lighting such as, but not limited to, corner LEDs and wing lights.

#### 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.

#### 3- or 6-Button Controller options available

The 3- and 6-button programmable serial controllers can be used as an alternative to the serial interface module with separate switch controls for the lightbar. The 3-button controller features (3) illuminated push buttons with (9) pre-programmed keypad configurations. The 6-button controller features (6) illuminated push buttons and a four-position slide switch with (18) pre-programmed keypad configurations. The 6-button controller has a wireless option that only requires power and ground to the controller and lightbar, which saves valuable time and money on installation.



3- and 6-button controller

Choose one of the popular models shown below; or for more options and to build a custom lightbar, visit our online configurator.

**45" Models**

LGD45Z-AMBR1H6 (18) Amber LED heads, Clear domes, hook mount, 6-button controller

LGD45Z-AMBR2H6 (14) Amber LED heads, (2) LED takedowns, (2) LED alleys, Clear domes, hook mount, 6-button controller

**53" Models**

LGD53Z-AMBR1H6 (22) Amber LED heads, Clear domes, hook mount, 6-button controller

LGD53Z-AMBR2H6 (18) Amber LED heads, (2) LED takedowns, (2) LED alleys, Clear domes, hook mount, 6-button controller

LGD53Z-00004 (18) Amber LED heads, (2) LED work lights, (2) LED S/T/T lights, Clear domes, flat mount, 6-button controller

**61" Model**

LGD61Z-00004 (22) Amber LED heads, (2) LED work lights, (2) LED S/T/T lights, Clear domes, flat mount, 6-button controller

**70" Model**

LGD70Z-00004 (26) Amber LED heads, (2) LED work lights, (2) LED S/T/T lights, Clear domes, flat mount, 6-button controller

**Specifications**

	LGD45Z	LGD53Z	LGD61Z	LGD70Z
Operating Voltage	12.8 VDC for all models			

Operating Temp	-30° C to +65° C			
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Current Draw	1 Amp per head, 0.5 Amp per alley light			
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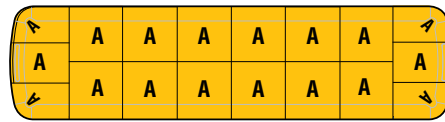
**Ship Weight\***

LGD45Z	LGD53Z	LGD61Z	LGD70Z
20.4 lb (9.3 kg)	24.2 lb (11.0 kg)	28.0 lb (12.7 kg)	31.8 lb (14.4 kg)

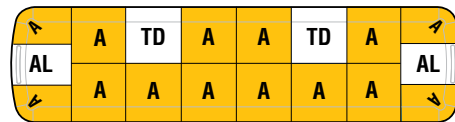
**Physical Specifications**

Length	44.5 in (113.0 cm)	52.7 in (133.9 cm)	60.9 in (154.7 cm)	69.1 in (175.5 cm)
Width	11.2 in (28.4 cm)	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)	2.5 in (6.4 cm)

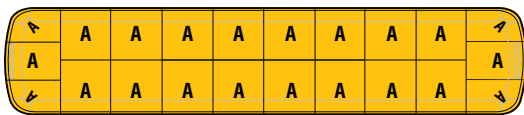
\* Standard foot included



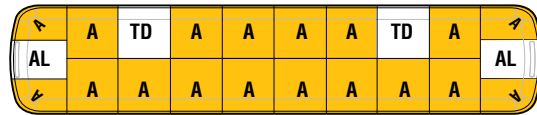
LGD45Z-AMBR1H6



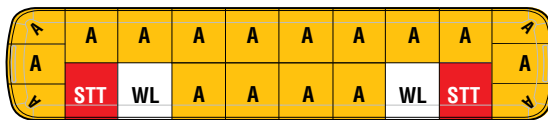
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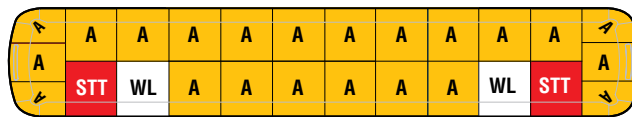
LGD53Z-AMBR1H6



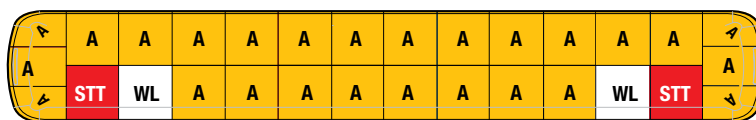
LGD53Z-AMBR2H6



LGD53Z-00004



LGD61Z-00004



LGD70Z-00004



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