



## ▶ Valor® | Light bar

### FEATURES

- Low-profile non-linear shape light bar
- Available in 44" and 51" lengths
- SpectraLux™ multicolor LED technology
- Solaris® LED reflector technology for better optical efficiency and superior off-axis warning
- FS Convergence Network for "plug-n-play" installation and programming
- Patented ROC (Reliable Onboard Circuitry™) reduces failure points found in typical light bar
- Built with an 8-head LED SignalMaster™ capability for directional warning
- Five-year warranty

### APPROVAL

- SAE J845 and J595 Class 1
- CAC Title 13 Class B

Valor is a non-linear LED light bar that provides 360-degree of light-output and superior off-axis lighting engineered to outperform a typical linear light bar.

#### Patented Solaris® and ROC (Reliable Onboard Circuitry™)

Built with Solaris® LED reflector technology, the Valor light bar is engineered to significantly increase off-axis warning and maximize the LED light source to eliminate dark spots and increase visibility while on the road and in work zones. ROC technology minimizes potential failure points in the light bar — replacing wires, connectors and assemblies with PCB assemblies to reduce labor repair time and increases road time for work trucks.

#### SpectraLux® Lights the Way

Exclusive to Federal Signal, the SpectraLux® multi-color LED technology provides the ability for a LED light source to change color while in operation. This added flexibility allows the Valor light bar to operate with up to (3) colors in each module. With the SpectraLux feature, Valor can flash one color and then over ride to a front or rear flood light or to a rear SignalMaster™ directional warning pattern.

#### Easy to Install and Operate

Valor incorporates the FS Convergence Network technology which allows for "plug-and-play" installation via the standard RJ45 connections. In addition, the optional 6-button serial controller offers (6) user-friendly keypads with various light bar function options. Additionally, working in conjunction with the 6-button controller, the Relay Model (660100SSG) offers the capability to control up to four different devices with one unit (up to 40 Amps) making it ideal for users to customize complete warning packages with a variety of light heads, such as Corner LEDs and perimeter lights.



Choose one of the popular models shown, customize your own light bar with our online configurator at [www.fedsig.com](http://www.fedsig.com) or contact a local Federal Signal Representative or distributor.

**Specify model**

**44" Models – Hook Mount and 6-Button Controller included**

- VALR44S-AMBR2 (14) Amber/White modules, (10) Amber modules, SignalMaster, front flood feature
- VALR44S-AMBR3 (22) Amber/White modules, (2) Amber modules, SignalMaster, full flood feature

**51" Models – Hook Mount and 6-Button Controller included**

- VALR51S-AMBR2 (12) Amber LED modules, (16) Amber/White LED modules, SignalMaster, front flood feature
- VALR51S-AMBR3 (2) Amber LED modules, (26) Amber/White LED modules, SignalMaster, full flood feature

**Options**

- 660000 6-button programmable controller, light control only
- 660100SSG RS485 relay module

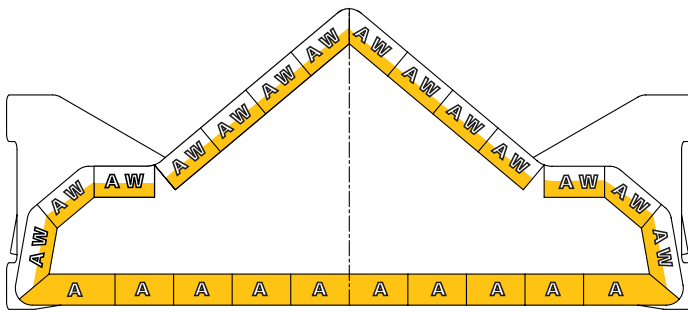
Specifications		
	VALR44	VALR51
Voltage	12 VDC	
Amp Draw	25A (steady)	
Operating Temperature	-40° C to +65° C	
Physical Specifications		
Height	1.96 in (2.54 cm)	1.96 in (2.54 cm)
Length	43.7 in (111.0 cm)	51.3 in (130.3 cm)
Width	19.8 in (50.3 cm)	19.8 in (50.4 cm)
Ship Weight		
	39.3 lbs (17.8 kg)	43.2 lbs (19.6 kg)



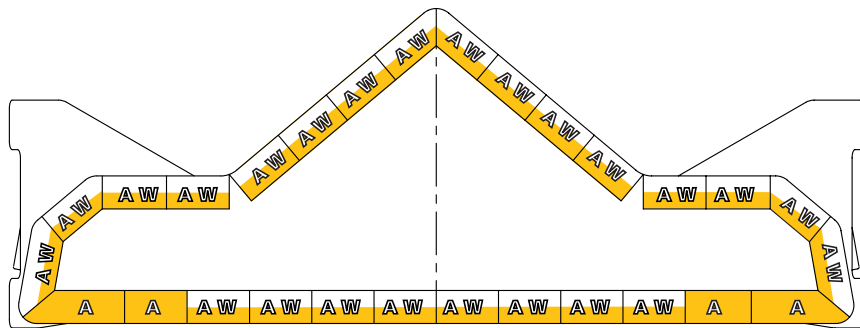
660100SSG  
RS485 relay module



660000  
6-button controller



VALR44S-AMBR2



VALR51S-AMBR3



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