FEDERAL SIGNAL

A B C G R

‣ Valor® I Lightbar

FEATURES

- 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 lightbar

- Available in 44" and 51" lengths

- Built with an 8-head LED SignalMaster™ capability for directional warning

- Five-year LED warranty

APPROVALS

- SAE J845 and J595 Class 1

- CAC Title 13 Class B

The Federal Signal Valor lightbar is a non-linear LED lightbar that provides 360-degree of light output and off-axis lighting engineered to outperform a typical linear lightbar.

Patented Solaris® and ROC (Reliable Onboard Circuitry™)
Through the Federal Signal Solaris LED reflector technology, the Valor lightbar 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. The patented ROC technology is built to minimize potential failure points in the lightbar. Wires, connectors and assemblies have been replaced by PCB assemblies—reducing labor repair time and increasing the road time for work trucks.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. This added flexibility allows the Valor lightbar to operate with up to (3) colors in each module to fit multiple uses in one light platform. With the SpectraLux feature, the Valor can flash one color and then over ride to front or rear flood all in one solution.

Easy to Install and Operate
The Valor lightbar incorporates the FS Convergence Network technology which allows for "plug-and-play" installation via the standard RJ45 connections. The Valor can be ordered with a 6-button serial controller that offers (6) different user-friendly keypads with various lightbar function options. Additionally, systems can easily be expanded and customized by incorporating the Relay Model (660100SSG) which offers the capability of controlling up to four 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 perimeter lights.

ROC   Solaris®   Convergence Network   SpectraLux™

5 YEARS LED WARRANTY

Specify model

Choose one of the popular models shown, customize your own lightbar with our online configurator at www.fedsig.com or contact a local Federal Signal Representative or distributor.

44" Models – Hook Mount and 6-Button Controller Included

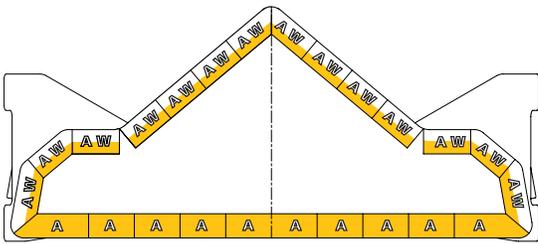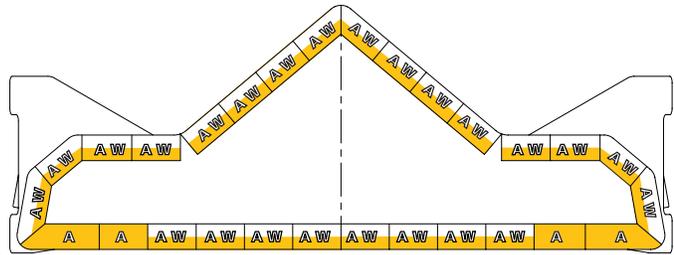| VALR44S-AMBR2	(14) Amber/White modules, (10) Amber modules, SignalMaster, front flood feature
VALR44S-AMBR3	(22) Amber/White modules, (2) Amber modules, SignalMaster, full flood feature

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

Specifications

	VALR44	VALR51
Voltage	12 VDC	12 VDC
Amp Draw	25A (steady)	25A (steady)
Operating Temperature	-40˚ C to +65˚ C	-40˚ C to +65˚ C
Physical Specifications		
Height	1.96 in (5.0 cm)	1.96 in (5.0 cm)
Length	43.7 in (111.0 cm)	51.3 in (130.3 cm)
Width	19.8 in (50.4 cm)	19.8 in (50.4 cm)
Ship Weight		
	39.3 lbs (17.8 kg)	43.2 lbs (19.6 kg)

VALR44S-AMBR2

VALR51S-AMBR3

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Valor, SpectraLux, Solaris, and ROC (Reliable Onboard Circuitry) are a trademarks of Federal Signal Corporation.