



## ► Integrity® I Light Bar

### FEATURES

- Low-profile, all-LED linear light bar
- Available in 44" and 51" lengths
- SpectraLux® multi-color LED technology
- Solaris® LED reflector technology designed to increase off-axis warning and maximize the potential of the LED light source
- ROC (Reliable Onboard Circuitry™) eliminates potential failure points found in a typical lightbar
- Optional built-in SignalMaster® directional warning
- Front and rear LED work light features available
- LED takedown and LED alley lights available
- Six-button serial controller available for light control only
- Five-year LED warranty

### APPROVALS

- SAE J845 Class 1 (Amber Blue, Red, White)
- SAE J595 Class 1 (Amber Blue, Red, White)
- CA Title 13 Class B (Amber, Blue, Red)
- IP65

The Federal Signal Integrity® light bar is a linear, low-profile LED light bar with multi-color technology that offers work truck operators a solution to keep you safe on the road with high performing attention-getting flash patterns and light-up a work scene with an impressive flood light.

#### 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. In each module of the light bar, through user selected flash patterns, the LEDs can change between Amber, Blue, Red and White (up to 3 in each module). This added flexibility allows the Integrity lightbar to fit multiple uses in one easy-to-use solution.

#### Packed with technology to keep you safe

Through the Federal Signal Solaris® LED reflector technology, the Integrity light bar is engineered to significantly increase off-axis warning and maximize the LED light source to eliminate dark spots and to increase visibility while on the road and in work zones. The patented ROC (Reliable Onboard Circuitry™) 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 Wires, connectors, and assemblies have been replaced by PCB assemblies—reducing labor repair time and increasing the road time for work trucks. The Integrity lightbar also has a built-in SignalMaster directional light feature available.



Easy to install and operate The Integrity light bar incorporates the FS Convergence Network technology which allows for “plug-n-play” installation via the standard RJ45 connections. The Integrity can be ordered with a 6-button serial controller that offers (6) different user-selectable keypads with various lightbar function options. Additionally, systems can easily be expanded and customized by incorporating the Relay Module 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 wing lights.

### Configured to fit your needs

There are multiple mounting options available for the Integrity light bar including permanent, flat, hook and HotFoot. The Integrity comes in standard lengths of 44" or 51" and LED modules color combinations can be custom configured to fit your needs of warning and work lights.

## HOW TO ORDER

### Specify model

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.

#### 44" Permanent mount and 6-button controller included

- INTG44S-AMBR1 44", (22) Amber modules
- INTG44S-AMBR2 44", (12) Amber/White modules, (10) Amber modules
- INTG44S-AMBR3 44", (20) Amber/White modules, (2) Amber modules

#### 51" Permanent mount and 6-button controller included

- INTG51S-AMBR1 51", (26) Amber modules
- INTG51S-AMBR2 51", (14) Amber/White modules, (12) Amber modules
- INTG51S-AMBR3 51", (22) Amber/White modules, (4) Amber modules

## SPECIFICATIONS

### Specifications

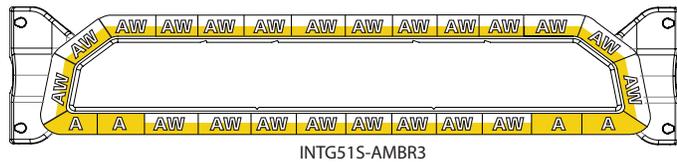
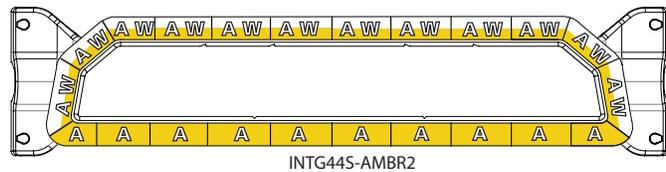
	INTG44	INTG51
Voltage	12 VDC	
Amp Draw	24 AMP (steady)	26 AMP (steady)
Operating Temperature	-40°C to +64°C	

### 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)
Depth	9.7 in (4.8 cm)	9.7 in (4.8 cm)

### Ship Weight

With standard mounting	21.5 lbs (9.8 kg)	24.5 lbs (11.1 kg)
------------------------	-------------------	--------------------



3- and 6-button controller



Integrity, Solaris, Reliable Onboard Circuitry and SignalMaster are trademarks of Federal Signal Corporation.

©2020 Federal Signal Corporation. M1054 I 52020