

A LIGHTBAR THAT'S

EARNED ITS NAME.

INTEGRITY®



FEDERAL SIGNAL

THE INTEGRITY LIGHTBAR PUTS YOU IN CONTROL.

Introducing **Integrity®** from Federal Signal, a distinct modern shaped, linear lightbar with multi-color LED technology. SpectraLux® multi-color LED technology provides a fully programmable range of color combinations for optimum warning capability and an impressive flood light feature — putting you in control.

With Solaris® LED reflector technology, Integrity has continuous off-axis warning. Solaris maximizes the LED light source to eliminate critical dark spots and distribute true 360-degrees of light coverage.

And because Integrity is built from Federal Signal, you know it's not only built for simple set-up and customization... it's also built to last.



THE INTEGRITY® LIGHTBAR

PUTTING YOU IN CONTROL.

From the leader in emergency warning technology.

The Integrity lightbar from Federal Signal
Integrity puts you in control with

EXCLUSIVE TO FEDERAL SIGNAL'S INTEGRITY...



SpectraLux®

SPECTRALUX® MULTICOLOR LED TECHNOLOGY

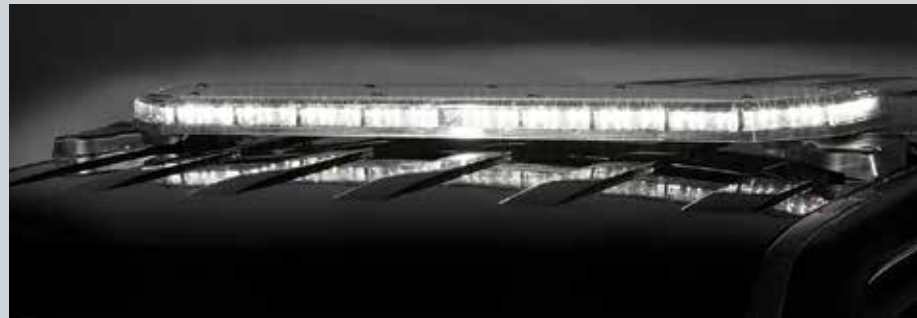
Exclusive to Federal Signal, SpectraLux™ multicolor LED technology provides the ability for a LED light source to change color. LEDs can change between Red, Blue, Amber or White through user selected flash patterns.



SpectraLux®

SPECTRALUX LIGHTS THE WAY

At a steady position, in all white mode, SpectraLux provides an impressive flood light to quickly illuminate an emergency scene.



SPECTRALUX ELIMINATES DARK SPOTS

With SpectraLux, Red/Blue warning patterns change to takedown and alley lights.



Federal Signal features a distinct, low-profile shape, that maximizes optical performance and reliability through SpectraLux multicolor LED technology to optimize warning performance and provide an impressive flood of light.



SOLARIS® LED REFLECTOR

Federal Signal's Solaris® LED reflector technology is engineered to significantly increase off-axis warning and maximize the LED light source to eliminate critical dark spots and distribute true 360-degrees of light coverage.



ROC (RELIABLE ONBOARD CIRCUITRY™)

Federal Signal's patented ROC technology is built to eliminate potential failure points found in a typical lightbar. Wires, connections, and assemblies have been replaced by PCB assemblies — reducing labor repair time and increasing the road time for emergency vehicles.



HOTFOOT® FLEXIBILITY

For further customization of your vehicle, mounting brackets accommodate optional HotFoot LED takedown, alley and warning lights. Only available with standard hook mount.



Leading-edge innovations.
Feature.

»»»
Convergence
Network

SIMPLE INSTALLATION AND PROGRAMMING

For maximum performance, the FS Convergence Network provides 'plug-n-play' installation. Utilizing standard RJ45 connections, the Integrity can be easily programmed using a Pathfinder® light and siren controller. With control programmability, the user can customize the keypad to meet their needs.



head

A serial interface module with your existing light controller can also be used to program and operate the features and functions of the Integrity.

SERVICE IS A SNAP WITH THE INTEGRITY

**Integrity can be serviced while on the roof top.
Remove the single dome and easily disconnect the ROC board.**



HOOK MOUNT OPTIONS

The low hook mount option allows the body of the lightbar to be approximately 5/8 of an inch lower than the standard hook mount, depending on the specific vehicle make and model



Standard hook mount



Low Profile hook mount

ADDITIONAL SYSTEM COMPONENTS

MODEL VARIATIONS

Offered in 44-inch and 51-inch lengths

NUMBER OF LEDs

All positions except Alley positions L and L1:
6-LEDs for single-color, 12 LEDs for two-color,
18-LEDs for three-color

Alley positions L and L1:

9-LEDs for single-color; 18-LEDs for two-color

HotFoot positions:

6-LEDs for single-color; 12-LEDs for two-color

CURRENT DRAW

44-inch

Without HotFoot® lights — 24 AMP (Steady)

With HotFoot lights — 26 AMP (Steady)

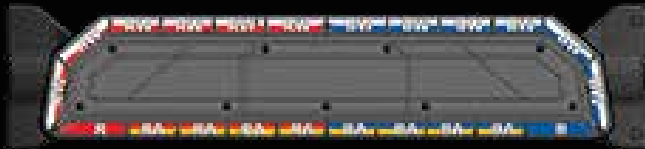
51-inch

Without HotFoot® lights — 26 AMP (Steady)

With HotFoot lights — 30 AMP (Steady)

Stock Models

The Integrity stock models below are FS Convergence Network Compatible™ and include a low hook mount.



INTG44-3581259



INTG44-3777074



INTG51-3777054



INTG51-3777063

Dimensions (H x L x D):	Model	Height	Length	Depth
	INTG44	1.96 in (5.0 cm)	43.7 in (111.0 cm)	9.7 in (24.6 cm)
	INTG51	1.96 in (5.0 cm)	51.3 in (130.3 cm)	9.7 in (24.6 cm)

Ship Weight:	Model	Weight*	Approvals
	INTG44	34.7 lbs (15.7 kg)	SAE J845, Class 1
	INTG51	40.1 lbs (18.2 kg)	SAE J595, Class 1
		*With standard mounting feet	CA Title 13, Class B IP65

WARRANTY

5-year warranty on LED components

DIMMING OPTION

When activated, the dimming feature significantly reduces the light output intensity. An optional auto-dimming sensor is available in the Integrity.

SIGNALMASTER™ OPTION

The Integrity is built with an 8-head LED SignalMaster capability for directional warning.

HOTFOOT® FLEXIBILITY

For further customization of your vehicle, mounting brackets accommodate optional HotFoot® LED takedown, alley and warning lights. Only available with standard hook mount.



2645 Federal Signal Drive, University Park, IL 60484-3167
Tel.: (800) 264-3578 • Fax: (800) 682-8022
www.fedsig.com

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