



▶ Allegiant™ | Fire/EMS Light Bars

FEATURES

- Low-profile, dual color, linear light bar available in 45", 53", 61" and 70" lengths
- Top domes available in Amber, Blue, Clear, Gray and Red
- SpectraLux® LED reflector technology is configurable in combinations of Amber, Blue, Green, Red and White
- Configurable alley and takedown positions
- Solaris® LED reflector technology for better optical efficiency and superior off-axis warning
- White LEDs can be utilized as takedowns and flood lighting
- ROC (Reliable Onboard Circuitry™) reduces potential failure points
- Auto dim option
- Optional built in SignalMaster™ directional warning
- (28) Built-in flash patterns
- Models available with FS Convergence Network for "plug-n-play" installation and programming
- Five-year warranty

APPROVALS

- NFPA 1901
- SAE Class 1 (Amber, Blue, Red, White)
- GSA-KKK-A-1822F
- CAC Title 13 (Amber, Blue, Red)

The Allegiant light bar features a low-profile, linear design that provides superior multi-color warning on vehicular applications. Designed to keep emergency personnel safe on the road, the Allegiant includes (28) high performing, attention-getting flash patterns, built-in SignalMaster, and impressive flood light capabilities.

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. In each module of the light bar, through user selected flash patterns, the LEDs can change between Amber, Blue, Red and White (up to 2 in each module).



53" Allegiant light bar, Red LED Warning Lights and White LED Takedowns, all Red top domes

Patented Solaris and ROC (Reliable Onboard Circuitry™)

Built with Solaris® LED reflector technology, the Allegiant™ 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. 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 law enforcement personnel.



Easy to Install and Operate

The Allegiant is available in traditional cable (discrete) and Convergence Network (serial) models. The discrete version features front/rear control, two modes of operation, and low power mode. Options including front flood, rear white lighting, bed light, and S/T/T are available. The serial models offer all the features and options of the discrete with additions of SignalMaster™ and cruise mode.

Configurable to fit your needs

There are multiple mounting options available for the Allegiant light bar including permanent, flat, hook, and low hook. The Allegiant comes in standard lengths of 45", 53", 61" and 70" and LED modules color combinations can be custom configured to fit your needs of warning lights.



Z8653168A - BP flat mount kit



Z8653178-2 - Flat mount kit, 24"- 61" light bar length



Z864901851A - Low-profile hook mount kit



Z8653134B-01 - Permanent mount kit



Z8653134B - Hook mount kit

SPECIFICATIONS

Specifications

	ALGT45	ALGT53	ALGT61	ALGT70
Current Draw*	9 A	11 A	13 A	15 A
Amp Draw*	18 A	22 A	26 A	30 A
Voltage*	12 VDC			
Operating Temp.	-40°C to 80°C			

Physical Specifications

Height	44.5 in (113.0 cm)	52.7 in (133.9 cm)	60.9 in (154.7 cm)	69.1 in (175.5 cm)
Length	11.2 in (28.4 cm)	11.2 in (28.4 cm)	11.2 in (28.4 cm)	11.2 in (28.4 cm)
Width	2.0 in (5.1 cm)	2.0 in (5.1 cm)	2.0 in (5.1 cm)	2.0 in (5.1 cm)

Ship Weight

23.0 lbs (10.4 kg)	26.6 lbs (12.1 kg)	30.2 lbs (13.7 kg)	33.8 lbs (15.3 kg)
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* Voltage, Current draw, and amp draw based on a 50% flash rate for a fully populated light bar

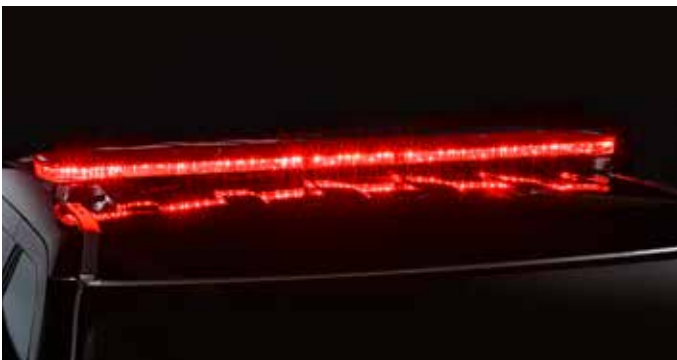
Light bar Options

LED Count

Light bar Options	LED Count	
	Single Color	Dual Color
Warning/Flood/Takedown Reflectors	6	12
Alley Light Reflector	3	6
Corner Reflector	9	18
SignalMaster Reflectors	6	12



The Allegiant light bar can be serviced while on the rooftop, by removing a single dome and easily disconnecting the ROC board.



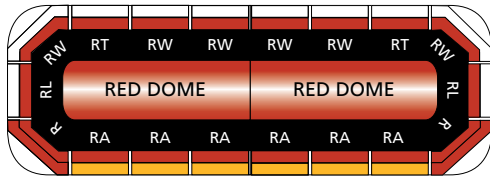
53" Allegiant light bar on a 2017 Ford Interceptor Utility



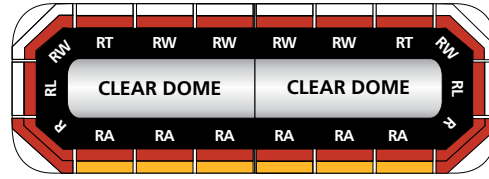
Configurable "multi-alley" position

HOW TO ORDER

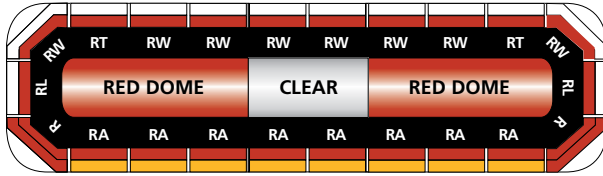
Model #	Length	Warning Lights	Takedown & Alley Lights	White LED Flood Light	Amber LED SignalMaster	Top Dome Color	Mount	Interface Module
ALGT45-3668634	45"	Red/White	●	●	●	Red	Hook	
ALGT45-3668676	45"	Red/White	●	●	●	Red	Hook	●
ALGT45-3668688	45"	Red/White	●	●	●	Clear	Hook	
ALGT45-3668691	45"	Red/White	●	●	●	Clear	Hook	●
ALGT53-3668640	53"	Red/White	●	●	●	Red/Clear/Red	Hook	
ALGT53-3668681	53"	Red/White	●	●	●	Red/Clear/Red	Hook	●
ALGT53-3668697	53"	Red/White	●	●	●	Clear	Hook	
ALGT53-3668708	53"	Red/White	●	●	●	Clear	Hook	●



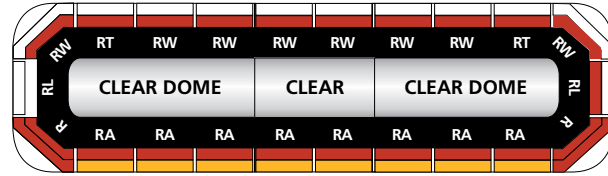
ALGT45-3668634 (without interface module)
ALGT45-3668676 (with interface module)



ALGT45-3668688 (without interface module)
ALGT45-3668691 (with interface module)



ALGT53-3668640 (without interface module)
ALGT53-3668681 (with interface module)



ALGT53-3668697 (without interface module)
ALGT53-3668708 (with interface module)



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