



GET NOTICED WITH THE
DUAL-COLOR, LOW-PROFILE **ALLEGIAN[®]**



GET NOTICED WITH THE **INCREDIBLY AFFORDABLE ALLEGIANT® LIGHT BAR.**

ALLEGIANT® from Federal Signal is a dual-color LED, low-profile linear light bar. Built with our exclusive SpectraLux® multicolor LED technology, Allegiant® produces an optimum warning and an impressive flood light feature in an affordable light bar.

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

Allegiant® includes other features as well, such as simple installation, dome color options, and more.



THE ALLEGIANT® LIGHT BAR

DUAL-COLOR, LOW-PROFILE.

From the leader in emergency warning technology.

Get noticed with the extreme low-profile, multicolor Allegiant® light bar. The SpectraLux® multicolor LED technology optimizes warning performance and provides impressive warning light features.

EXCLUSIVE TO **FEDERAL SIGNAL'S ALLEGIANT®**...



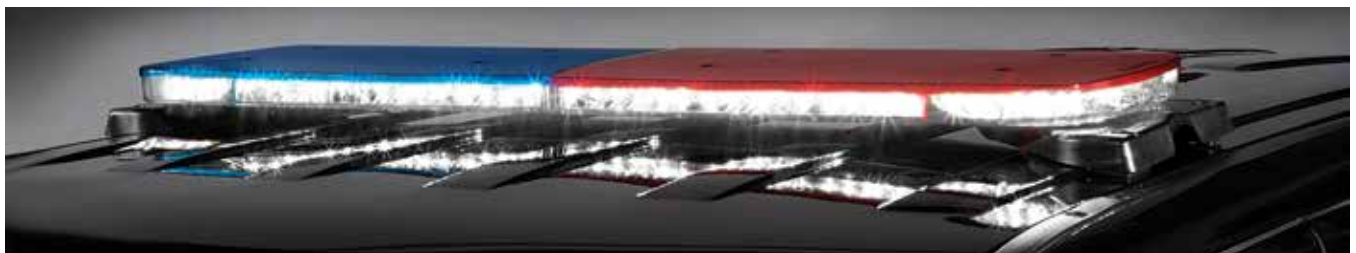
SPECTRALUX® MULTICOLOR LED TECHNOLOGY

Exclusive to Federal Signal, SpectraLux® multicolor LED technology allows an 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 two in each module).



SPECTRALUX® LIGHTS UP THE SCENE

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 while in operation. The Allegiant® can be configured with standard alleys or multi-position alleys.



Multi-Position Alley



Standard Alley



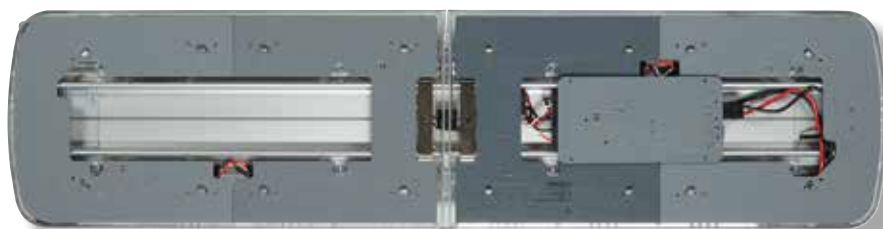
SOLARIS® LED REFLECTOR

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 (RELIABLE ONBOARD CIRCUITRY™)

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.



DOMES COLOR OPTIONS

Allegiant® is available with Red, Blue, Clear, Gray, Amber, and Black domes.



CONVERGENCE NETWORK SIMPLE INSTALLATION AND PROGRAMMING

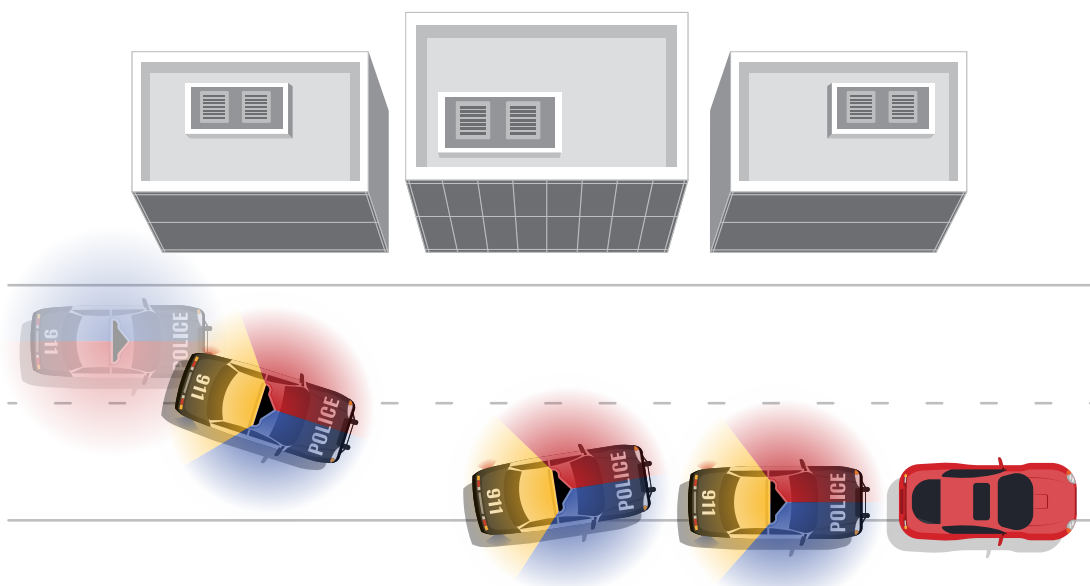
For maximum performance, the FS Convergence Network provides plug-and-play installation. Utilizing standard RJ45 connections, the Allegiant can be easily programmed using a Federal Signal Convergence Network siren. With control head programmability, the user can customize the keypad to meet their needs.

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



FSJOIN™

Programming is made easy with FSJoin™ in conjunction with Federal Signal Convergence Network sirens. Through the Convergence Network software, multiple warning devices can be programmed to synchronize in order to create a unified vehicle solution.



SERVICE IS A SNAP WITH THE ALLEGIANT®

Allegiant® can be serviced while on the rooftop. Remove screws, pick up the dome, and easily disconnect the ROC Board.



Learn more about the Allegiant® light bar, see it in action, or view flash patterns at fedsig.com

ADDITIONAL SYSTEM COMPONENTS

MODEL VARIATIONS

Offered in 45-inch, 53-inch, 61-inch, and 70-inch lengths

DIMMING OPTION

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

SIGNALMASTER™ OPTION

Allegiant® is built with SignalMaster™ capability for directional warning.

MOUNT FEET

For further customization of your vehicle, mounting options include permanent, flat, heavy duty flat, hook mount, and low-profile hook feet.

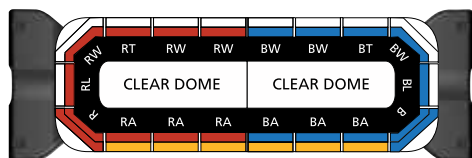
WARRANTY

Five-year warranty

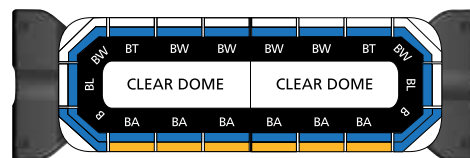
NUMBER OF LEDS:	POSITION	SINGLE-COLOR	DUAL-COLOR
	4 in Reflector	6	12
	5 in Reflector	6	12
	Corner	12	24
	Alley	3	6
	STT	6	-
*Each position can be single- or dual-color			
*S/T/T positions single-color only			

STOCK MODELS

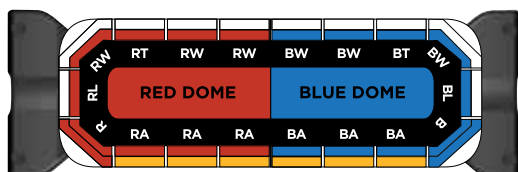
Allegiant® stock models below are 12V, FS Convergence Network compatible, and include a low hook mount.



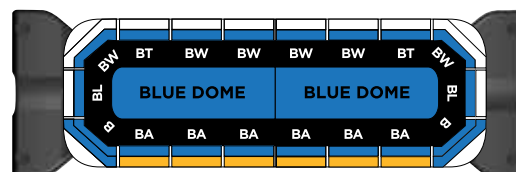
ALGT45J-P1LC



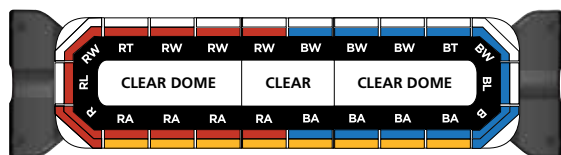
ALGT45J-P2LC



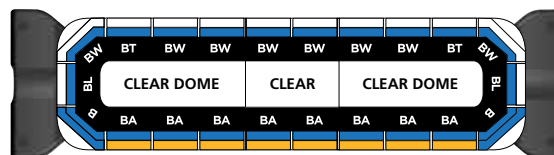
ALGT45J-P1LRB



ALGT45J-P2LRB



ALGT53J-P1LC



ALGT53J-P2LC

SPECIFICATIONS:	MODEL	VOLTAGE	CURRENT DRAW (12 VDC / 24 VDC)	OPERATING TEMPERATURE
	ALGT45J	12/24 Vdc	9.0 A / 5 A	-40°C to 80°C
	ALGT53J	12/24 Vdc	11.0 A / 6 A	-40°C to 80°C

DIMENSIONS:	MODEL	HEIGHT	LENGTH	DEPTH
	ALGT45J	2.0 in (5.1 cm)	44.5 in (113.0 cm)	11.2 in (28.4 cm)
	ALGT53J	2.0 in (5.1 cm)	52.7 in (133.9 cm)	11.2 in (28.4 cm)

SHIP WEIGHT:	MODEL	WEIGHT*
	ALGT45J	23.0 lb (10.4 kg)
	ALGT53J	26.6 lb (12.1 kg)
*With standard mounting feet		

APPROVALS
SAE J845, Class 1
SAE J595, Class 1
CCR T13, Class B
IP65



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