

Allegiant® Max Serial

Fire/EMS Light Bar



FEATURES

- Low-profile, linear light bar
- Available in 45", 53", 61", 70", and 80" lengths
- Amber, Blue, Green, Red, and White
- Single-, dual-, and tri-color capability
- Built-in SignalMaster™ directional warning
- Front flood, rear flood, left flood, right flood, takedowns, alley lights, work lights, external power S/T/T, OBDII-integrated S/T/T, bed light (except 45"), and alley ground lights
- Integrated sync
- Low-power mode
- (30) flash patterns
- 12 Vdc
- Easy service while installed on the roof top
- Five-year warranty

APPROVALS

- NFPA 1900
- SAE J595 Class 1 (Amber, Blue, Red, White)
- SAE J845 Class 1 (Amber, Blue, Red, White)
- GSA KKK-A-1822F (Amber, Red, White)
- CCR Title 13 (Amber, Blue, Red)
- IP65

FS TECHNOLOGIES



Enhancing Visibility and Safety

The Allegiant® Max light bar features a low-profile, linear design that provides a superior multi-color warning on vehicular applications. Designed to keep emergency personnel safe on the road, the Allegiant Max features tri-color capability, (30) high-performing, attention-getting flash patterns, alley ground lights, built-in SignalMaster™ directional warning, and integrated sync.

The Allegiant Max can be ordered with an optional ambient light sensor that detects ambient light and automatically dims flashing lights during nighttime. With the integrated sync capability, multiple "like-programmed" vehicles can synchronize together. Using a GPS signal to maintain timing between vehicles, Allegiant Max provides the ability for warning lights to unify the visual warning of a multi-vehicle response. Alley ground lights utilize the ends of the light bar to shine White light downward for enhanced visibility when exiting the vehicle.

SpectraLux® Lights The Way

Exclusive to Federal Signal, the SpectraLux® multi-color LED technology allows an LED light source to change color while in operation. Through the use of user-selectable flash patterns, LEDs can change between Amber, Blue, Green, Red, and White (up to 3 in each module).

Solaris® and ROC (Reliable Onboard Circuitry™)

Built with Solaris® LED reflector technology, the Allegiant Max light bar is engineered to 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 increase road time for emergency personnel.

FS Convergence Network

For maximum performance, the FS Convergence Network provides plug-and-play installation. Utilizing the RJ45 connections, the Allegiant Max can easily be programmed using a Convergence Network siren or controller. A serial interface module (ordered separately) with your existing light controller can also be used to program and operate the features and functions of the Allegiant Max.

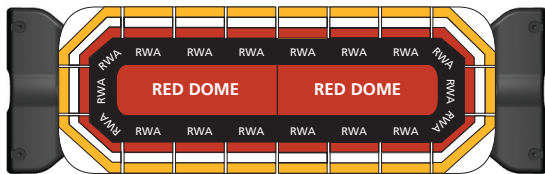


HOW TO ORDER

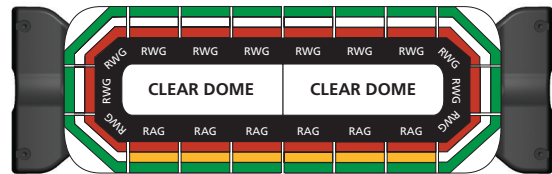
LED Color
A
B
G
R
W
Dome Color
A
B
B
C
G
R

CHOOSE FROM THE POPULAR MODELS BELOW OR VISIT OUR ONLINE CONFIGURATOR TO CUSTOMIZE YOUR OWN LIGHT BAR

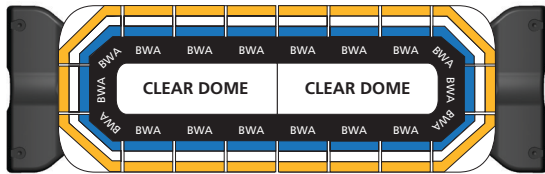
MODEL#	LENGTH	WARNING LIGHT CAPABILITY	DOME COLORS	TD/ALLEY LIGHTS	INTEGRATED SYNC CAPABILITY	FLOOD LIGHTS	AMBER SIGNALMASTER	MOUNT	ALLEY GROUND LIGHTS
ALGT45JX-F1LR	45-inch	Amber/Red/White	Red	•	•	•	•	Low Hook	•
ALGT45JX-F2LC	45-inch	Green /Red/White	Clear	•	•	•	•	Low Hook	•
ALGT45JX-F3LC	45-inch	Amber/Blue/White	Clear	•	•	•	•	Low Hook	•
ALGT45JX-F4LC	45-inch	Amber/Blue/Red/White	Clear	•	•	•	•	Low Hook	•
ALGT53JX-F1LR	53-inch	Amber/Red/White	Red	•	•	•	•	Low Hook	•
ALGT53JX-F2LC	53-inch	Green/Red/White	Clear	•	•	•	•	Low Hook	•
ALGT53JX-F3LC	53-inch	Amber/Blue/White	Clear	•	•	•	•	Low Hook	•
ALGT53JX-F4LC	53-inch	Amber/Blue/Red/White	Clear	•	•	•	•	Low Hook	•



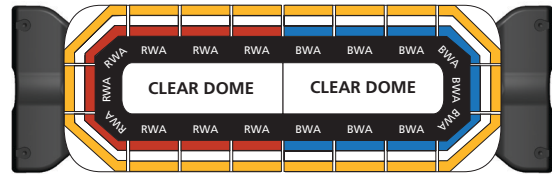
ALGT45JX-F1LR



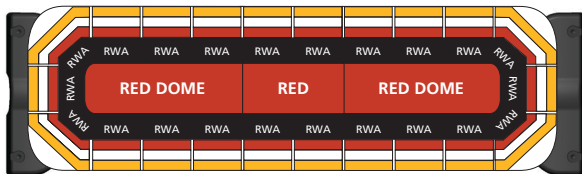
ALGT45JX-F2LC



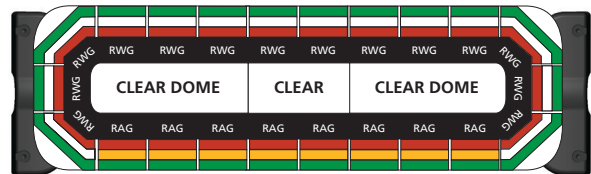
ALGT45JX-F3LC



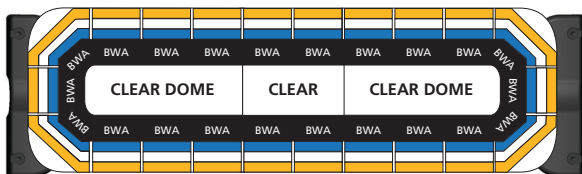
ALGT45JX-F4LC



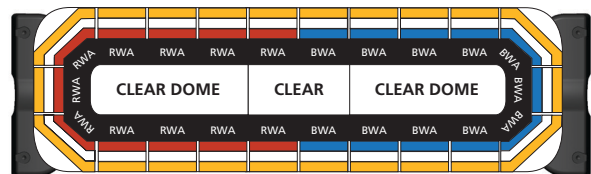
ALGT53JX-F1LR



ALGT53JX-F2LC



ALGT53JX-F3LC



ALGT53JX-F4LC

SPECIFICATIONS

	ALGT45	ALGT53	ALGT61	ALGT70	ALGT80
OPERATING VOLTAGE	12 Vdc				
CURRENT DRAW (50% FLASH RATE)	9 A	11 A	13 A	15 A	17 A
OPERATING TEMP.	-40° to +149° F (-40° to +65° C)				
PHYSICAL SPECIFICATIONS					
LENGTH	44.5 in (113.0 cm)	52.7 in (133.9 cm)	60.9 in (154.7 cm)	69.1 in (175.5 cm)	77.3 in (196.3 cm)
WIDTH	11.2 in (28.4 cm)				
HEIGHT	2.0 in (5.1 cm)				
SHIP WEIGHT					
WITH STANDARD MOUNTING	23.0 lb (10.4 kg)	26.6 lb (12.1 kg)	30.2 lb (13.7 kg)	33.8 lb (15.3 kg)	38.3 lb (17.4 kg)
	SINGLE-COLOR LED COUNT		DUAL-COLOR LED COUNT		TRI-COLOR LED COUNT
WARNING/FLOOD/SIGNALMASTER	6		12		18
CORNER	12		24		36
ALLEY	3		6		9
EXT. STT	6		-		-



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