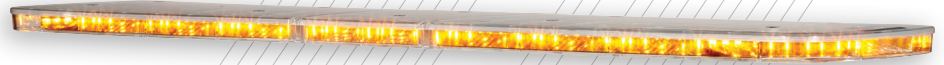


Allegiant®

Work Truck Light Bars



FEATURES

- Low-profile, linear LED light bar
- 12 Vdc models available in 45", 53", 61", 70", 80", and 94" lengths; 24 Vdc models available in 45", 53", 61", and 70"
- Discrete and serial models available
- Dual-color capability with LED colors in Amber, Blue, Green, Red, and White
- Bed light option available in center sections 53" and longer
- Built-in SignalMaster™ directional capability (select models)
- Mounting options include low-profile hook, standard hook, permanent, and flat
- (28) flash patterns
- Low-power mode
- Five-year warranty

APPROVALS

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

FS TECHNOLOGIES



A Work Truck Light Bar Built to Serve

The Federal Signal Allegiant light bar is designed and built to serve work vehicle operators as a highly effective and durable LED safety light bar. It utilizes industry-leading patented technologies providing operators with a light bar that works as hard as they do.

The Allegiant LED caution light bar utilizes several different state-of-the-art technologies in its design, including Spectralux® multicolor LED technology, which allows operators to change the color of their LEDs while in operation. Federal Signal offers Allegiant light bars in varying combinations of Amber, Blue, Green, White, and Red. Amber light bars are most common among work truck applications, often using amber in conjunction with a secondary color to provide greater contrast and visibility to other drivers on the roadway.

This LED warning light bar is capable of (28) high-performance flash patterns as well as optional floodlight capabilities for the front, rear, and bed of your work truck. A variety of lighting, length, and mounting options ensure that you'll be able to find the best light bar for your vehicle.

A Durable Work Truck Warning Light Bar

The Allegiant work truck light bar was built to withstand the elements faced on the road and on the job site. ROC (Reliable Onboard Circuitry™) technology ensures durability as you drive through rough conditions and is just one of many reasons that this is an ideal construction vehicle light bar. This light bar is also IP65 rated. Operators can feel confident that this LED light bar can handle the rain, dust, sleet, and snow they may encounter while performing their job.

An Easy to Install LED Light Bar

The Allegiant Discrete light bar uses a traditional cable for installation and can be wired directly to switches installed in the cab of your vehicle, offering greater customization in terms of appearance and switch locations. Operators will be able to customize their light bar control configuration to best meet the needs of their specific application.

The Allegiant Serial light bar utilizes the FS Convergence Network to provide 'plug-n-play' installation. Utilizing standard RJ45 connections, the Allegiant Serial can be easily programmed using a Four-, Six-, or Nine-Button Controller. Installation and flash pattern customization have never been easier.

SAE Class 1 Light Bar

The light bar is CCR Title 13 Class B compliant (Amber, Blue, Red) and SAE J845 and SAE J595 Class 1 (Amber, Blue, Red, White) certified, making it an excellent choice for regulatory compliance and operator safety. The Allegiant LED light bar is well suited for tow trucks, construction vehicles, utility vehicles, flatbed trucks, snowplows, as well as many others. Diverse capabilities and durable design ensure that the Allegiant light bar is ideal for countless work truck applications.

LED Color

A	B	G	R	W
---	---	---	---	---

Dome Color

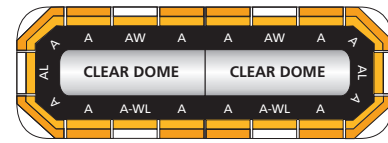
A	B	B	C	G	R
---	---	---	---	---	---

Choose from the popular 12 Vdc models below or visit our Online Configurator to build your own custom 12 Vdc or 24 Vdc model.

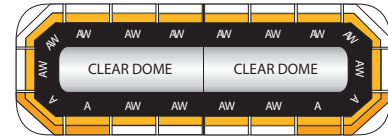
ALGT45JZ-AMBR3H6C	45-inch, Amber, work lights, takedowns, alley lights, front and rear flood, SignalMaster, hook mount, Clear domes, Six-Button Controller
ALGT53JZ-AMBR3F6C	53-inch, Amber, work lights, takedowns, alley lights, front and rear flood, SignalMaster, flat mount, Clear domes, Six-Button Controller
ALGT53JZ-AMBR3H6C	53-inch, Amber, work lights, takedowns, alley lights, front and rear flood, SignalMaster, hook mount, Clear domes, Six-Button Controller
ALGT61J-TOW5F6C	61-inch, Amber, work lights, bed lights, external power S/T/T lights, SignalMaster, flat mount, Clear domes, Six-Button Controller
ALGT70J-AMBR5F6C	70-inch, Amber, external power S/T/T lights, SignalMaster, flat mount, Clear domes

Choose from the popular 12 Vdc models below or visit our Online Configurator to build your own custom 12 Vdc or 24 Vdc model.

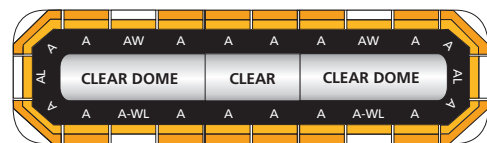
ALGT45D-AMBR1HC	45-inch, Amber, work lights, takedowns, alley lights, hook mount, Clear domes
ALGT53D-AMBR1FC	53-inch, Amber, work lights, takedowns, alley lights, flat mount, Clear domes
ALGT61D-TOW2FC	61-inch, Amber, work lights, bed lights, external power S/T/T lights, SignalMaster, flat mount, Clear domes
ALGT61DS-TOW2FCW	61-inch, Amber, work lights, bed lights, external power S/T/T lights, flat mount, Clear domes
ALGT61D-TOW5FC	61-inch, Amber, work lights, bed lights, external power S/T/T lights, front flood, SignalMaster, flat mount, Clear domes
ALGT70D-AMBR5FC	70-inch, Amber, external power S/T/T lights, flat mount, Clear domes
ALGT80D-TOWFC	80-inch, Amber, bed lights, external power S/T/T lights, flat mount, Clear domes
ALGT94D-AMBRFC	94-inch, Amber, flat mount, Clear domes



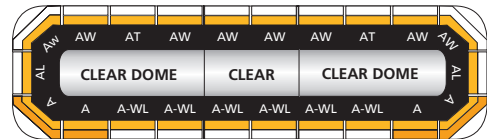
ALGT45D-AMBR1HC



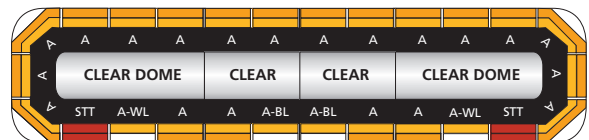
ALGT45JZ-AMBR3H6



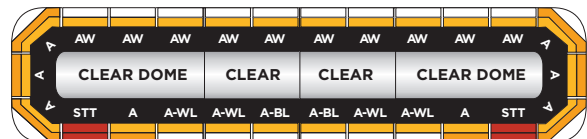
ALGT53D-AMBR1FC
ALGT53D-AMBR1HC



ALGT53JZ-AMBR3F6C
ALGT53JZ-AMBR3H6C



ALGT61D-TOW2FC
ALGT61D-TOW2FCW



ALGT61D-TOW5FC
ALGT61J-TOW5F6C

SPECIFICATIONS

	ALGT45	ALGT53	ALGT61	ALGT70	ALGT80	ALGT94
OPERATING VOLTAGE*	12/24 Vdc	12/24 Vdc	12/24 Vdc	12/24 Vdc	12 Vdc	12 Vdc
CURRENT DRAW @ 12 Vdc	9 A	11 A	13 A	15 A	17 A	19 A
CURRENT DRAW @ 24 Vdc	5 A	6 A	7 A	8 A	N/A	N/A
OPERATING TEMP	-40° to +149° F (-40° to + 65° C)	-40° to +149° F (-40° to + 65° C)	-40° to +149° F (-40° to + 65° C)	-40° to +149° F (-40° to + 65° C)	-40° to +149° F (-40° to + 65° C)	-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)	93.7 in (238.0 cm)
WIDTH	11.2 in (28.4 cm)	11.2 (28.4 cm)	11.2 (28.4 cm)	11.2 (28.4 cm)	11.2 (28.4 cm)	11.2 in (28.4 cm)
HEIGHT	2.0 in (5.1 cm)	2.0 in (5.1 cm)	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						
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)	34.7 lb (15.7 kg)	54.0 lb (24.5 kg)

* 24 Vdc models must be ordered as ALGTxxV; 12 Vdc models are ordered as ALGTxxD or ALGTxxJ



Bed light option



Allegiant, FSJoin, Solaris, SpectraLux, Reliable Onboard Circuitry, and SignalMaster are registered trademarks of Federal Signal Corporation.