

LIGHTS & ACCESSORIES

CATALOG | 2024



SAFETY SIGNALING SOLUTIONS

TECHNOLOGY

EXCLUSIVE TO FEDERAL SIGNAL, THESE TECHNOLOGIES ARE IDENTIFIED BELOW.

Federal Signal is The Driving Force™ behind the technology that provides safe and reliable emergency warning for first responders. It is our commitment to engineer the most reliable and high-performing products for your emergency vehicle.



FS CONVERGENCE NETWORK enables true “plug-and-play” installation and programming.



SPECTRALUX® multicolor LED technology provides the ability for a single light head to change color while in operation.



FSLINK® is an embedded software technology incorporating a shared set of flash patterns within Federal Signal’s LED mini-lightbars, beacons, and warning lights. This shared set of flash patterns and a common color-coded 5-conductor cable allows the various products to be wired together, set in a common pattern, and then synchronized together to flash simultaneously or alternately.



ROC (RELIABLE ONBOARD CIRCUITRY™) technology eliminates approximately 85% of connection failure points found in a typical lightbar.



SLR (SOLARIS® LED ROTATOR) maximizes the LED light source for full light coverage. SLR rotators provide rotating, oscillating, flashing, and flood light functionality.



FSJOIN™ is a programming compatibility feature of Federal Signal’s light bars, exterior/interior warning lights, sirens, and controllers. This technology provides users with a highly customizable visual/audible vehicle warning system.



SOLARIS® LED reflector technology maximizes optical efficiency and provides superior off-axis warning.



Ask your local Federal Signal Representative how you can experience the latest in lighting and siren systems.

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General Notes

1. All voltage is 12 Vdc unless marked otherwise.
2. A copy of the Federal Signal warranty and Terms and Conditions that accompany these products can be found at www.fedsig.com.
3. Base models of light bars and other configured products are not available without installed options.
4. For detailed information on how to order, consult the product data sheets or contact the factory at 800-824-0254.
5. When installing equipment inside airbag equipped vehicles, the installer must ensure that the equipment is installed only in areas recommended by the vehicle manufacturer.

WHAT IS SAE CLASS 1 2 3?



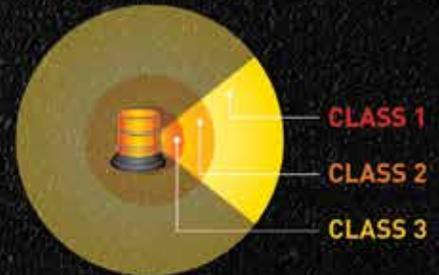
SAE International is the global leader in the mobile industry. SAE is a professional association for engineering professionals in the area of aerospace, automotive and commercial vehicles.

SAE developed guidelines, test procedures references, and performance requirements for flashing warning lamps for use on **authorized emergency, maintenance and service vehicles**.

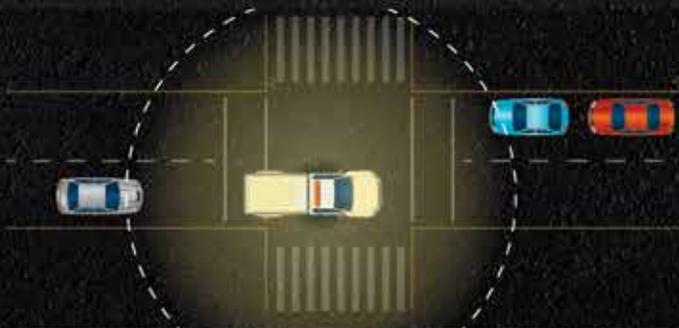
SAE uses Candela to determine the classification of the light source. SAE Class is determined using standard unit of measurement called Candela defined by the International Standard of Units. Candela [cd] is a measurement of luminous intensity and refers to the intensity of a single beam of light in a particular direction. Since automotive warning lights typically use concentrated beams of light to alert on-coming traffic of potential danger or hazard.

SAE relies on Candela to create class rankings. SAE J595 and SAE J845 are standards that refer to the functionality (purpose) of the light source on a vehicle. Within the SAE J845 and SAE J595 specification are Class 1-2-3 rankings which measure the light intensity at specific data points and candela intensity to determine the Class level of the warning device.

SAE CLASS WITH 3 LEVELS*

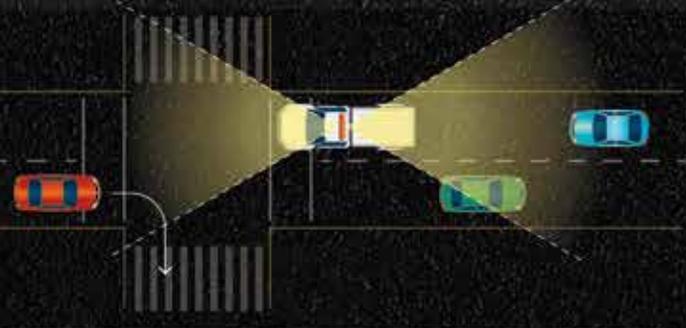


SAE J845



SAE J845 is for omnidirectional or 360-degrees of warning light. Commonly used to clear traffic.

SAE J595



SAE J595 is for directional flashing optical warning lights. Commonly used to direct traffic away from a work zone area.

While SAE J595 and SAE J845 are distinct in their function, the light intensity is measured the same.

*In addition to optical compliance, there are mechanical, environmental and color specifications that apply to all classes.

SAE WARNING LIGHT CLASSIFICATION



CLASS 1

Emergency Vehicles
Highest intensity



CLASS 2

Roadside Utility Vehicles
Medium intensity



CLASS 3

Indoor Vehicles
Lowest intensity



CLASS 1

- Calling the right-of-way. Warning light is used to gather the attention of motorists and pedestrians to warn of a potentially hazardous activity or emergency vehicle.
- 4 times more light intensity than SAE Class 2 lights and 10 times more intense than SAE Class 3 lights.

CLASS 2

- Commonly used to capture the attention of motorists and pedestrians and warn of traffic hazards such as a lane blockage or a slow-moving vehicle.
- Lights are approximately 2.5 times as bright as SAE Class 3 lights.

CLASS 3

- Best used to identify warn pedestrians and motorists of a specialized vehicle.
- Applications typically are applied to forklifts or service vehicles.



The requirements for warning light classification requirements vary based upon the jurisdiction and application. Consult your local jurisdiction to determine which classification of lights is recommended for your vehicle application.

Note: The color Green meets SAE J595 Class 3 and should not be used on its own for applications that require Class 1 or Class 2 performance.

WHAT IS IP69K?



IP69K is the highest standard on the Ingress Protection (IP) rating scale. This rating was designed for application in which products are regularly exposed to high-pressure and high-temperature wash-downs.

IP69K products help reduce product failures due to water/dust ingress to increase running-time of vehicles.

IP RATING SYSTEM



The IP (Ingress protection) rating system is defined in IEC 605029. IP ratings are used to classify the resistance of solids or liquids on electrical devices. By defining a rating, the IP system ensures a specific level of protection when products face varying elements.

IP69K

INGRESS PROTECTION MARKING

SOLID PROTECTION



No ingress of dust permitted

WATER PROTECTION



Protection from close-range, powerful, high-temperature water jets.

Tested from an ISO standard and is for electrical equipment mounted on road vehicles

IP69K IS IDEAL FOR WORK TRUCK APPLICATIONS:



Department of Transportation



Construction



Utility



Tow Trucks



Landscape

WHY IS IP69K IMPORTANT?

In addition to the harsh working conditions that your truck is put through everyday, washing it with a power washer or a car wash can also take a toll on your warning products.

Products rated to IP69K are designed to withstand high-pressure and steam cleaning.



OUR PRODUCTS ENDURED THE FOLLOWING TESTING:



IP6K

No ingress of dust; complete protection against contact (dust tight).



IP9K

Product to withstand high-pressure and steam cleaning. Sprayed with 80 °C water at 1160-1450 psi and a flow rate of 3.5 – 4.2 gpm.



	Allegiant® Serial	Reliant™	Navigator® Serial	Integrity®	Valor®	Allegiant® Discrete	Legend® LPX Discrete	Legend® LPXH Tow Discrete	Navigator® Discrete
Technology									
Solaris® LED	•	•	•	•	•	•	•	•	•
SpectraLux® Multicolor LED	•	•	•	•	•	•			•
SLR (Solaris LED Rotator)			•						•
ROC (Reliable Onboard Circuitry™)	•	•		•	•	•	•	•	
Convergence Network	•	•	•	•	•				
FSJoin™	•			•	•				
Features									
LED Colors	A B G R W	A B R W	A B G R W	A B C G R	A B C G R	A B G R W	A B G R W	A	A B G R W
Dual-Color Capability	•	•	•	•	•	•			•
Tri-Color Capability				•	•				
Flash Patterns	28	28	28	28	28	28	8	14	30
Dome Colors	A B B C G R	C	A B C R	C	C	A B B C G R	A B C R	G	A B C R
SignalMaster™ Capability	•	•	•	•	•	•*			•**
Low-Power (Dim)	•	•	•	•	•	•			•
Bed Light Option	•†					•†			
Online Configurator	•		•	•	•	•‡	•		•
Assembled in the US	•	•	•	•	•	•	•	•	•
Mounting Options									
4-inch Riser			•						•
Adjustable			•						•
Low-Profile Hook	•		•	•	•	•	•		•
Standard Hook	•	•	•	•	•	•	•		•
Permanent	•		•	•	•	•	•		•
Flat	•	•	•	•	•	•	•	•	•
Length									
44-inch				•	•				
45-inch	•		•			•	•		•
48-inch		•							
51-inch				•	•				
53-inch	•		•			•	•	•	•
60-inch			•						•
61-inch	•					•	•	•	
70-inch	•					•			
73-inch									•
80-inch						•			
87-inch									•
94-inch						•			
Compliance									
SAE J845 Class 1	A B R W	A B R W	A B R W	A B R W	A B R W	A B R W	A R	A	A B R W
SAE J595 Class 1	A B R W	A	A B R W	A B R W	A B R W	A B R W	A R	A	A B R W
CCR Title 13	A B R	A B R	A B R	A B R	A B R	A B R			A B R
IP Rating	IP65	IP65		IP65	IP65	IP65	IP65	IP65	
Warranty									
	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year

* Select 61-inch models

** 45-, 53-, 60-inch

† except 45-inch

‡ except 80- and 94-inch

Effective January 22, 2024



Allegiant® Serial

- Low-profile, linear light bar
- Left-flood, right-flood, full-flood, takedowns, alley lights, work lights, S/T/T (except 45"), and bed light (except 45") are available
- Can be serviced without removal from the vehicle roof
- (28) flash patterns
- Built-in SignalMaster™ directional warning
- Independently controlled front and rear flash patterns
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty

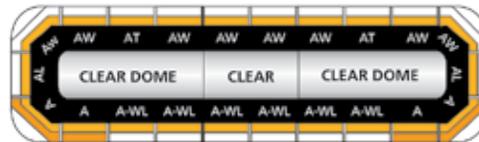


Model	Description
45-inch Model—Six-button controller included	
ALGT45JZ-AMBR3H6C*	(14) Amber/White light heads, (4) Amber light heads, work lights, takedowns, alley lights, front and rear flood, SignalMaster, hook mount, Clear domes
53-inch Models—Six-button controller included	
ALGT53JZ-AMBR3F6C*	(18) Amber/White light heads, (4) Amber light heads, work lights, takedowns, alley lights, front and rear flood, SignalMaster, flat mount, Clear domes
ALGT53JZ-AMBR3H6C*	(18) Amber/White light heads, (4) Amber light heads, work lights, takedowns, alley lights, front and rear flood, SignalMaster, hook mount, Clear domes
61-inch Models—Six-button controller included	
ALGT61JZ-TOW2F6C*	(24) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, SignalMaster, flat mount, Clear domes
ALGT61JZ-TOW5F6C	(24) Amber light heads, (10) White light heads, (4) work lights, (2) bed lights, (2) external power S/T/T lights, front flood, SignalMaster, flat mount, Clear domes
70-inch Model—Six-button controller included	
ALGT70J-AMBR5F6C	(28) Amber light heads, (2) external power S/T/T lights, SignalMaster, flat mount, Clear domes

Notes
<ul style="list-style-type: none"> • Convergence Network Controllers & Accessories on page 13 • Hook mount guide on page 19 • Common replacement parts on page 20



ALGT45JZ-AMBR3H6C*



ALGT53JZ-AMBR3F6C*

ALGT53JZ-AMBR3H6C*

* Stock model

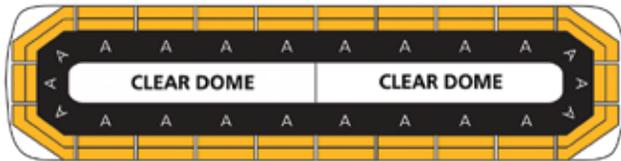


Reliant™

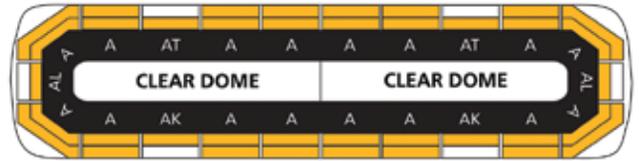
- Ultra low-profile linear light bar
- (28) flash patterns
- Built-in SignallMaster™ directional warning
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber), SAE J595 Class 2 (White), SAE J845 Class 1, CCR Title 13, IP65
- Five-year warranty



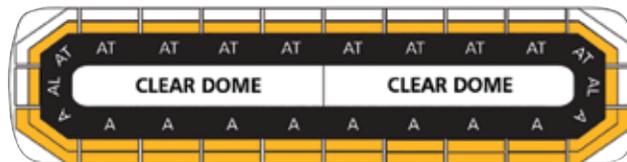
Model	Description
48-inch Models—Four-button controller included	
RLNT48Z-AMBR1F4*	(22) Amber light heads, SignallMaster, flat mount, Clear domes
RLNT48Z-AMBR1H4*	(22) Amber light heads, SignallMaster, hook mount, Clear domes
RLNT48Z-AMBR2F4*	(22) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, SignallMaster, flat mount, Clear domes
RLNT48Z-AMBR2H4*	(22) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, SignallMaster, hook mount, Clear domes
RLNT48Z-AMBR3H4*	(22) Amber light heads, (12) White light heads, front flood, alley lights, SignallMaster, hook mount, Clear domes
Notes	
<ul style="list-style-type: none"> • Convergence Network Controllers & Accessories on page 13 • Hook mount guide on page 19 • Common replacement parts on page 21 	



RLNT48Z-AMBR1F4*
RLNT48Z-AMBR1H4*



RLNT48Z-AMBR2F4*
RLNT48Z-AMBR2H4*



RLNT48Z-AMBR3H4*

* Stock model

Effective January 22, 2024

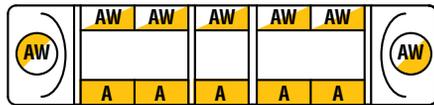


Navigator® Serial

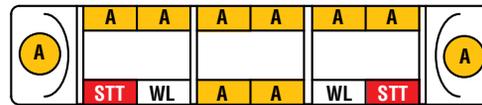
- High-profile linear light bar
- Front flood, takedowns, alley lights, work lights, and S/T/T are available
- (28) flash patterns
- Optional SignalMaster™ directional warning
- Optional LED Traffic Clearing Light (TCL)
- Black or Clear bulkheads
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description
45-inch Model—Six-button controller included	
NVG45Z-MUNI1HC6	(8) Amber light heads, (6) Amber/White light heads, front flood, alley lights, SignalMaster, hook mount, Clear bulkheads, Clear domes
53-inch Model—Six-button controller included	
NVG53Z-MUNI1RHC6	(5) Amber light heads, (5) Amber/White light heads, (2) Amber/White rotators with mirror, front flood, alley lights, SignalMaster, hook mount, Clear bulkheads, Clear domes
60-inch Model—Six-button controller included	
NVG60Z-TOW2FC6	(8) Amber light heads, (2) Amber rotators with mirror, (2) work lights, (2) external power S/T/T lights, flat mount, Clear bulkheads, Clear domes
Notes	
<ul style="list-style-type: none"> • Convergence Network Controllers & Accessories on page 13 • Hook mount guide on page 19 • Common replacement parts on page 21 	



NVG53Z-MUNI1RHC6



NVG60Z-TOW2FC6

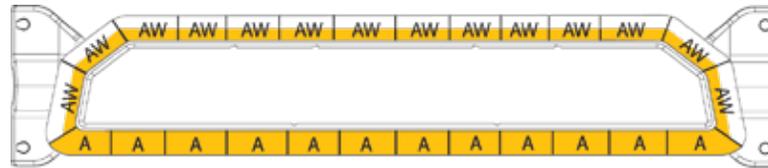


Integrity®

- Unique low-profile linear light bar
- Left-flood, right-flood, full-flood, takedowns, alley lights, and work lights are available
- (28) flash patterns
- Built-in SignalMaster™ directional warning
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty



Model	Description
44-inch Models — Six-button controller included	
INTG44J-AMBR2	(12) Amber/White light heads, (10) Amber light heads, SignalMaster, front flood, takedowns, alley lights, hook mount
INTG44J-AMBR3	(20) Amber/White light heads, (2) Amber light heads, SignalMaster, front and rear flood, takedowns, alley lights, work lights, hook mount
51-inch Models — Six-button controller included	
INTG51J-AMBR2	(14) Amber/White light heads, (12) Amber light heads, SignalMaster, front flood, takedowns, alley lights, hook mount
INTG51J-AMBR3	(22) Amber/White light heads, (4) Amber light heads, SignalMaster, front and rear flood, takedowns, alley lights, work lights, hook mount
Notes	
<ul style="list-style-type: none"> • Convergence Network Controllers & Accessories on page 13 • Hook mount guide on page 19 	



INTG51J-AMBR2



INTG51J-AMBR3

Effective January 22, 2024

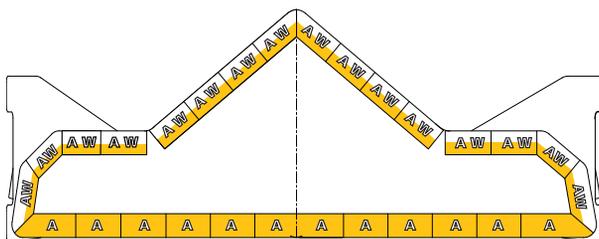


Valor®

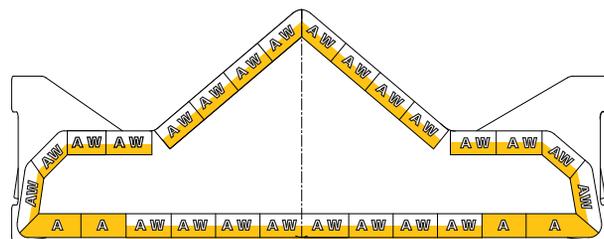
- Unique low-profile, non-linear "V-shape" light bar
- Left-flood, right-flood, full-flood, takedowns, alley lights, and work lights are available
- Integrated Vortex™ generators for increased fuel efficiency and reduced wind noise
- Can be serviced without removal from the vehicle roof
- (27) flash patterns
- Built-in SignalMaster™ directional warning
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty



Model	Description
44-inch Models — Six-button controller included	
VALR44J-AMBR2	(14) Amber/White light heads, (10) Amber light heads, SignalMaster, front flood, takedowns, alley lights, hook mount
VALR44J-AMBR3	(22) Amber/White light heads, (2) Amber light heads, SignalMaster, front and rear flood, takedowns, alley lights, work lights, hook mount
51-inch Models — Six-button controller included	
VALR51J-AMBR2	(16) Amber/White light heads, (12) Amber light heads, SignalMaster, front flood, takedowns, alley lights, hook mount
VALR51J-AMBR3	(24) Amber/White light heads, (4) Amber light heads, SignalMaster, front and rear flood, takedowns, alley lights, work lights, hook mount
Notes	
<ul style="list-style-type: none"> • Convergence Network Controllers & Accessories on page 13 • Hook mount guide on page 19 	



VALR51J-AMBR2



VALR51J-AMBR3

Convergence Network Controllers & Accessories

CONTROLLERS

- Compact size for versatile mounting; swivel-mount included
- (4), (6), or (9) multi-colored illuminated push-buttons
- Pre-programmed keypad configurations compatible with Convergence Network products
- Variety of legend stickers included for button labeling
- Three-year warranty

RELAY MODULES

- (2), (4), or (24) channel relay modules available
- Use with Convergence Network Controllers for additional warning light control
- 605012 & EXPMOD24 are potted to protect the electronics from harsh conditions
- Up to (4) EXPMOD24 may be used in a system
- Three-year warranty



Model	Description
CNTRLR-4B	Four-button controller
CNTRLR-6B	Six-button controller with slide switch
CNTRLR-9B	Nine-button controller
605012*	Two-channel relay module, (2) 7.5 A outputs
660100SSG*	Four-channel relay module, (2) 10 A and (2) 15 A (not to exceed 40 A)
EXPMOD24	Twenty four-channel expansion module, (24) 2.5 A (not to exceed 30 A)
PFSYNC-1	On Scene Sync Module
Z858303641A	Serial interface module



* Stock model

Effective January 22, 2024



Allegiant® Discrete

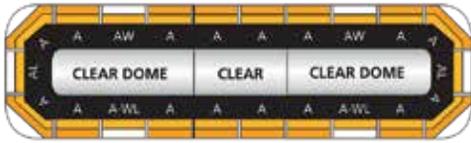
- Low-profile linear light bar
- Left-flood, right-flood, full-flood, takedowns, alley lights, work lights, S/T/T (except 45"), and bed lights (except 45") are available
- (28) flash patterns
- Built-in SignalMaster™ directional warning (select models)
- Independently controlled front and rear flash patterns
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty



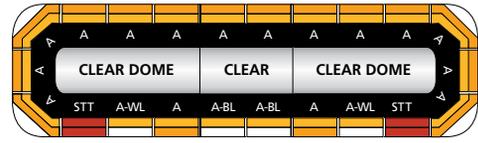
Model	Description
45-inch Model	
ALGT45D-AMBR1HC	(18) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, hook mount, Clear domes
53-inch Models	
ALGT53D-AMBR1FC*	(22) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, flat mount, Clear domes
ALGT53D-AMBR1HC*	(22) Amber light heads, (2) takedowns, (2) alley lights, (2) work lights, hook mount, Clear domes
ALGT53D-TOW1FC	(20) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, flat mount, Clear domes
61-inch Models	
ALGT61D-TOW2FC*	(24) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, SignalMaster, flat mount, Clear domes
ALGT61DS-TOW2FCB*	(24) Amber light heads, (4) Blue light heads rear, (2) work lights, (2) bed lights, (2) external power S/T/T, flat mount, Clear domes
ALGT61DS-TOW2FCW*	(24) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, flat mount, Clear domes, weather tight connector
ALGT61DS-TOW2FCWB*	(24) Amber light heads, (4) Blue light heads rear, (2) work lights, (2) bed lights, (2) external power S/T/T, flat mount, Clear domes, weather tight connector
ALGT61D-TOW5FC*	(24) Amber light heads, (10) White light heads, (4) work lights, (2) bed lights, (2) external power S/T/T lights, SignalMaster, front flood, flat mount, Clear domes
70-inch Models	
ALGT70D-AMBR5FC	(28) Amber light heads, (2) external power S/T/T lights, flat mount, Clear domes
ALGT70D-TOW2FC*	(28) Amber light heads, (2) work lights, (2) bed lights, (2) external power S/T/T lights, SignalMaster, flat mount, Clear domes
80-inch Models	
ALGT80D-AMBRBFC*	(34) Amber light heads, (4) bed lights, flat mount, Clear domes
ALGT80D-AMBRFC	(34) Amber light heads, (8) work lights, flat mount, Clear domes
ALGT80D-TOWFC*	(32) Amber light heads, (4) bed lights, (2) external power S/T/T lights, flat mount, Clear domes
94-inch Model	
ALGT94D-AMBRFC*	(42) Amber light heads, flat mount, Clear domes (FOB Origin, Freight Collect)
Notes	
<ul style="list-style-type: none"> • Hook mount guide on page 19 • Common replacement parts on page 20 	

* Stock model

Allegiant® Discrete—Continued



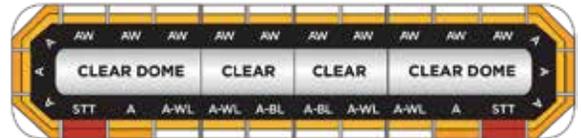
ALGT53D-AMBR1FC*
ALGT53D-AMBR1HC*



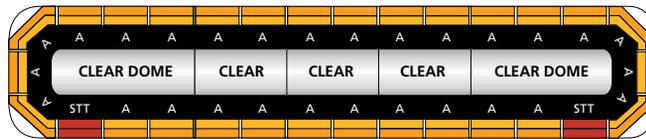
ALGT53D-TOW1FC



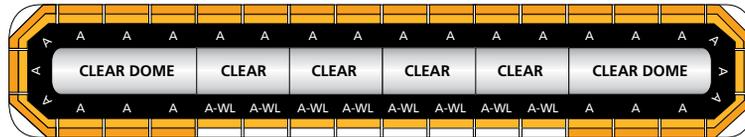
ALGT61D-TOW2FC*
ALGT61DS-TOW2FCW*



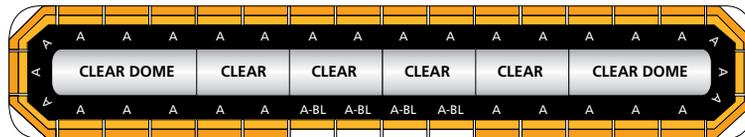
ALGT61D-TOW5FC*



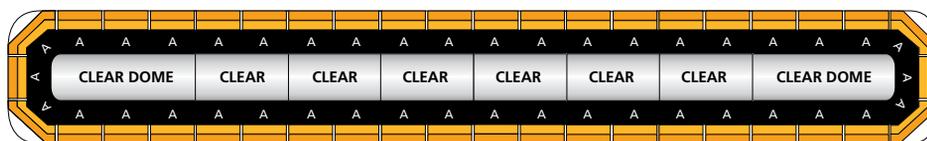
ALGT70D-AMBR5FC



ALGT80D-AMBRFC



ALGT80D-AMBRBFC*



ALGT94D-AMBRFC*

* Stock model

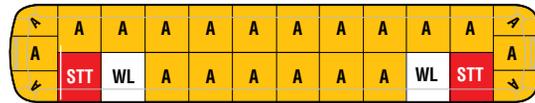
Effective January 22, 2024

Legend® LPX Discrete

- Low-profile linear light bar
- Takedowns, alley lights, and work lights are available
- (28) flash patterns
- Independently controlled front and rear flash patterns
- Compliance: SAE J595 Class 1 (Amber, Red), SAE J845 Class 1 (Amber, Red), IP65
- Five-year warranty



Model	Description
61-inch Models	
LPX61D-00017S*	(22) Amber light heads, (2) work lights, (2) external power S/T/T lights, flat mount, Clear domes
LPX61DS-00005S*	(22) Amber light heads, (2) work lights, (2) external power S/T/T lights, flat mount, Clear domes, weather tight connector
Notes	
<ul style="list-style-type: none"> • Hook mount guide on page 19 • Common replacement parts on pages 20 – 21 	



LPX61D-00017S* and LPX61DS-00005S*

Legend® LPXH Tow Discrete

- Low-profile, linear light bar
- (14) flash patterns
- Independently controlled front and rear flash patterns
- Compliance: SAE J845 Class 1, IP65
- Five-year warranty



Model	Description
53-inch Model	
LPX53H*	(10/12) Amber light heads, (2) external power S/T/T lights, (2) work lights, flat mount, Gray domes
61-inch Models	
LPX61H*	(10/12) Amber light heads, (2) external power S/T/T lights, (2) work lights, flat mount, Gray domes
LPX61H-C	(10/12) Amber light heads, (2) external power S/T/T lights, (2) work lights, flat mount, Clear domes
Notes	
<ul style="list-style-type: none"> • Hook mount guide on page 19 • Common replacement parts on pages 20 – 21 	



LPX53H*



LPX61H*

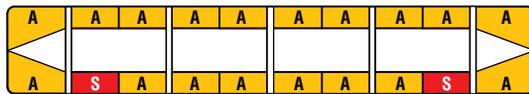
* Stock model

Navigator® Discrete

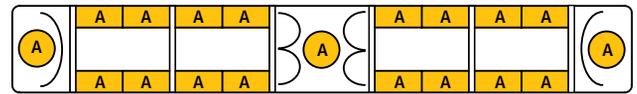
- High-profile, linear light bar
- Front flood, takedowns, alley lights, work lights, and S/T/T are available
- (30) flash patterns
- Optional SignalMaster™ directional warning in 45", 53", and 60" lengths
- Optional LED Traffic Clearing Light (TCL)
- Black or Clear bulkheads
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description
53-inch Models	
NVG53D-MUNI1HC	(9) Amber light heads, (7) Amber/White light heads, front flood, alley lights, SignalMaster, hook mount, Clear bulkheads, Clear domes
NVG53D-MUNI1RHC	(5) Amber light heads, (5) Amber/White light heads, (2) Amber/White rotators with mirror, front flood, alley lights, SignalMaster, hook mount, Clear bulkheads, Clear domes
60-inch Models	
NVG60D-TOW1FC	(14) Amber light heads, (2) work lights, (2) external power S/T/T lights, flat mount, Clear bulkheads, Clear domes
NVG60D-TOW2FC	(8) Amber light heads, (2) Amber rotators with mirror, (2) work lights, (2) external power S/T/T lights, flat mount, Clear bulkheads, Clear domes
73-inch Models	
NVG73D-AMBR1FC	(20) Amber light heads, flat mount, Clear bulkheads, Clear domes
NVG73D-TOW5FC*	(18) Amber light heads, (2) external power S/T/T lights, flat mount, Clear bulkheads, Clear domes
87-inch Model	
NVG87D-AMBR3RFC	(16) Amber light heads, (3) Amber rotators with mirror, flat mount, Clear bulkheads, Clear domes
Notes	
<ul style="list-style-type: none"> • Hook mount guide on page 19 • Common replacement parts on page 21 	



NVG73D-TOW5FC*



NVG87D-AMBR3RFC

* Stock model

Effective January 22, 2024

Mounting Bar

- Mounts any warning light, directional light, or work light
- Sliding carriage bolt design for ease of installation when mounting any lighting device
- Available for permanent mount or hook-on mount applications, kits sold separately
- Three-year warranty



Model	Description
210960-46	46-inch, roof mount bar
210960-54*	54-inch, roof mount bar
210960-65	65-inch, roof mount bar
Accessories	
UNPK	Mounting kit, permanent
UNHK*	Mounting kit, hook mount feet (requires HKB hook kit)
HKB-(Model)	Hook required with hook mount feet
210962SSG	Kit, mounting bar endcap
210961SSG	Kit, mounting plate, beacon
454219*	Kit, mounting bracket, HighLighter® Elite
A21219	Kit, mounting bracket, 21" Allegiant
Note	
<ul style="list-style-type: none"> • Hook mount guide on page 19 	

* Stock model

For the most up-to-date hook mount information, visit www.fedsig.com/hook-mount-reference-guide.

Make/Model	Year	Hook Kit Model #	Roof Width	Cab Style
Ford				
Bronco Sport	2021-23	HKB-BCS21	N/A	
Edge	2015-23	HKB-UNH4	51.8"	
Escape	2020-23	HKB-ESC20	45.0"	
Expedition (No Roof Rack) light bar lengths 51, 53-in	2018-24	HKB-EXD22	55.5"	
F-150 Responder light bar lengths 44, 45, 46, 48-in	2015-23	HKB-FRD15-44-HP	55.5"	All
F-150 Responder light bar lengths 51, 53-in with standard height foot	2015-23	HKB-FRD15-HP	55.5"	All
F-150 Responder light bar lengths 51, 53-in with low-profile foot	2015-23	HKB-FRD15-44-HP	55.5"	All
F-150 light bar lengths 44, 45, 46, 48-in	2015-23	HKB-UNH6*	55.5"	All
F-150 light bar lengths 51, 53-in with standard height foot	2015-23	HKB-UNH5*	55.5"	All
F-150 light bar lengths 51, 53-in with low-profile foot	2015-23	HKB-UNH6*	55.5"	All
F-250/350/450/550 All lightbar lengths	2017-23	HKB-UNH6*	55.5"	All
F-650/750 light bar lengths 51, 53, 60-in	2017-24	HKB-FHD7	58.5"	All
Fusion	2013-20	HKB-UNH1	46.5"	
Maverick	2022-24	HKB-MAV22	N/A	
Mustang Mach-E	2021-23	HKB-MME21	N/A	
Mustang	2012-24	Permanent Mount	46.0"	
Police Interceptor Utility/Explorer light bar lengths 44,45,46-in (No Rack)	2020-24	HKB-FPIU20-HP	52.8"	Valor/Vision w/std foot
	2020-24	HKB-FPIU20-LONG-HP	52.8"	
Police Interceptor Utility/Explorer light bar lengths 48, 51, 53-in (No Rack)	2020-24	HKB-FPIU20-HP	52.8"	
Ranger	2019-23	HKB-RNG19	48.0"	Super
Transit (Low Roof) 60" light bars only	2015-24	HKB-UNH4	N/A	
Transit (Raised Roof)	2015-24	Permanent Mount	N/A	
Transit Connect (Low Roof)	2013-22	HKB-TCON	54.0"	
E-Series Van	1987-24	HKB-SAV	65.0"	
Chevrolet/GM				
Camaro	2011-23	Permanent Mount	50.0"	
Colorado/Canyon	2015-23	HKB-COL15	47.3"	All
Express Van	2003-24	HKB-SAV	61.0"	
Impala (Civilian)	2014-20 (10 th Gen)	HKB-UNH1	49.5"	
Malibu	2012-23	HKB-UNH1	48.0"	
Silverado/Sierra (1500) light bar lengths 44, 45, 46-in	2019-24	HKB-UNH3*	52.0"	All
	2014-18	HKB-UNH4	55.8"	
Silverado PPV light bar lengths 44, 45, 46-in	2022-24	HKB-TAH21-44-HP	52.0"	All
Silverado/Sierra (1500) light bar lengths 51, 53-in	2019-24	HKB-UNH2*	52.0"	All
	2014-18	HKB-SIL17	55.8"	
Silverado PPV light bar lengths 51, 53-in	2022-24	HKB-TAH21-HP	52.0"	All
Silverado/Sierra (2500, 3500) light bar lengths 44, 45, 46-in	2019-24	HKB-UNH2*	55.0"	All
Silverado/Sierra (2500, 3500) light bar Lengths 51, 53-in	2019-24	HKB-UNH3*	55.0"	All

* Stock model

Make/Model	Year	Hook Kit Model #	Roof Width	Cab Style
Tahoe/Suburban (No Roof Rails) light bar lengths 44, 45, 46, and 48-in	2021-24	HKB-TAH21-44-HP	55.0"	
	2015-20	HKB-UNH4	55.0"	
Tahoe/Suburban (No Roof Rails) light bar lengths 51, 53-in	2021-24	HKB-TAH21-HP	55.0"	
	2015-20	HKB-LPCHGR11-HP	55.0"	
Traverse (No Rack)	2018-23	HKB-TRAV22	53.0"	
Volt	2012-15	HKB-UNH1	47.0"	
Chrysler/Dodge/Jeep				
Challenger	2012-23	Permanent Mount	54.5"	
Charger	2011-23	HKB-LPCHGR11-HP	50.3"	
Durango (No Roof Rack)	2011-24	HKB-DUR11-HP	54.0"	
Grand Cherokee (No Roof Rack)	2011-20	HKB-DUR11-HP	54.0"	
RAM (1500, 2500, 3500)	2019-23 (5 th Gen)	HKB-RAM19*	55.0"	All
	2019-23 Classic/SSV	HKB-FRD9	57.5"	
	2010-18	HKB-FRD9	57.5"	
Wrangler	2012-24	Permanent Mount	N/A	
Toyota				
4-Runner	2022	HKB-DUR11	53.0"	
RAV4	2018-23	HKB-UNH1	N/A	
RAV4 (No Roof Rack)	2023	HKB-RAV23	43.0"	
Tacoma	2016-23	HKB-UNH1	N/A	
Nissan				
Leaf	2015-23	HKB-UNH1	N/A	
Frontier	2022-23	HKB-FNTR	53.0"	
	2013-21	HKB-MAG7	46.0"	
Rogue (No Roof Rails)	2021-23	HKB-ROG23	51.0"	
Titan	2016-24	HKB-TTN23	58.0"	
International				
Durastar/4300 cab	2002-18	HKB-FHD7	65.8"	

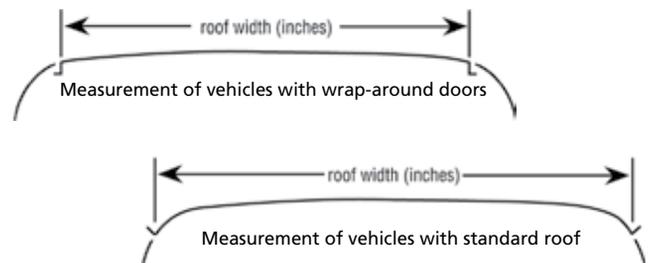
All Federal Signal light bars may be permanent or hook-on mounted. When using a hook-on mount, a separate hook kit is required for the make, model and year of your vehicle. Use the hook kit reference guide to find your vehicle's appropriate hook kit. Measurements for the roof width are determined by the style of the vehicle. These measurements may help you in choosing the light bar length best suited for your vehicle.

Transfer of Light Bars From One Vehicle to Another

From time to time, departments will remove a light bar from an older vehicle and reinstall it on a newer vehicle. Before performing this kind of transition, be sure to contact our Service Department to ensure that you not only have the proper hook kit, but that you also have the latest design light bar mount foot. Mounting foot designs continuously improve over time, and it is recommended that you utilize the most current mount foot design when reinstalling an older light bar on a newer vehicle.

Note

The hook kit reference guide is updated on an ongoing basis as information becomes available. Please check the hook kit reference guide online at www.fedsig.com/hook-mount-reference-guide for up-to-date vehicle and hook kit listings.



Effective January 22, 2024

Model	Description
Allegiant®	
Z865302441A	Base, 21-inch light bar; Clear
Z865301934C	Base, center, Clear; 53- through 80-inch light bar lengths
Z865301933C	Base, end, Clear; 45- through 80-inch light bar lengths
Z20000442A-AAAJE	Board, center (C1); 61-inch TOW2 stock light bars
Z20000442A-AAJAF	Board, center (C2); 61-inch TOW2 stock light bars
Z20000440A-AAAA^D	Board, driver-side, end; 61-inch TOW2 stock light bars
Z20000441A-AA#A8D	Board, driver-side, intermediate; 61-inch TOW2 stock light bars
Z20000440A-^AAAAP	Board, passenger-side, end; 61-inch TOW2 stock light bars
Z20000441A-A#AA8Q	Board, passenger-side, intermediate; 61-inch TOW2 stock light bars
Z1461861B-05	Cable, board-to-board, 5-inch; 45- through 94-inch light bar lengths
Z1461861B-12	Cable, board-to-board, 12-inch; 45- through 94-inch light bar lengths
Z1461861B-20	Cable, board-to-board, 20-inch; 61- and 70-inch light bar lengths
Z1751364C	Cable, interface, 36-inch
Z1751357A-02	Cable, RS485, 25-ft
Z20000358C-1234	Controller board, discrete
Z20000358C-234	Controller board, FSJoin™
Z865302445A	Dome, 21-inch light bar, Clear; -A(Amber); -GRY(Gray); -R(Red)
Z8653103C	Dome, center, Clear, 53- through 94-inch lengths; -01 (Black); -02 (Amber); -03 (Blue); -04 (Red)
Z8653103C-GRY	Dome, center Gray, 53- through 94-inch lengths
Z8653101C	Dome, end, Clear, 45- though 94-inch lengths
Z8653101C-GRY	Dome, end, Gray, 45- through 94-inch lengths
Z8583020C-01	Gasket, dome, Clear, 6-ft required per base
Z77701290A	Hardware kit, dome (20 barrel nuts & O-rings)
Z865300732	Mount kit, 2-inch riser, hook, 45- through 61-inch light bar lengths
Z865302704A-2	Mount kit, 2.5-inch riser, flat, 45- through 61-inch light bar lengths (brackets only)
Z806501522-2	Mount kit, 4-inch riser, flat, FS logo cut-out, 21- through 61-inch light bar lengths
Z806501522-4	Mount kit, 4-inch riser, flat, FS logo cut-out, 70- through 94-inch light bar lengths
500435SSG	Mount kit, 4-inch riser, flat; for use up to 61-inch light bar length
Z8653178-2	Mount kit, flat, 21- though 61-inch and 94-inch light bar lengths
Z8653178-3	Mount kit, flat, 70-inch and 80-inch light bar lengths
Z8653134B	Mount kit, hook
Z865302573B	Mount kit, low-profile hook
Legend® LPX Discrete and Legend® LPXH Tow Discrete	
Z8653102A	Base, center, Clear; 45- through 61-inch light bar lengths
Z8653100A	Base, end, Clear; 45- through 61-inch light bar lengths
PCLP267D-AAAAS	Board, center; 61-inch LPXD stock light bar
LP560DD-AAAAMS	Board, driver-side, end; 61-inch LPXD stock light bar
PCLP266D-AAKAS	Board, driver-side, intermediate; 61-inch LPXD stock light bar
Z865301309	Board, driver-side, LPXH
LP560DP-MAAAAAS	Board, passenger-side, end; 61-inch LPXD stock light bar
PCLP266D-AAAKS	Board, passenger-side, intermediate; 61-inch LPXD stock light bar
Z865301310	Board, passenger-side, LPXH
Z17501858A-12	Cable, board-to-board, 12-inch; used in 45- though 61-inch light bar lengths
Z17501858A-32	Cable, board-to-board, 32-inch; used in 45- through 61-inch light bar lengths

Model	Description
Z17501858A-38	Cable, board-to-board, 38-inch; used in 53- through 61-inch light bar lengths
Z17501858A-48	Cable, board-to-board, 48-inch; used in 61-inch light bar lengths
Z8653103C	Dome, center, Clear; -01(Black); -02(Amber); -03(Blue); -04(Red); 45- through 61-inch light bar lengths
Z8653103C-GRY	Dome, center, Gray; 45- through 61-inch light bar lengths
Z8653101C	Dome, end, Clear; -01(Black); -02(Amber); -03(Blue); -04(Red); 45- through 61-inch light bar lengths
Z8653101C-GRY	Dome, end, Gray; 45- through 61-inch light bar lengths
Z8583020C-01	Gasket, dome, Clear, 6-ft required per base
Z77701290A	Kit, dome hardware (20 barrel nuts & O-rings)
Z8653178-2	Mount kit, flat, 45-inch through 61-inch light bar lengths

Navigator®

Z806500526	Bulkhead, Black; -C(Clear)
Z1751357A-02	Cable, RS485, 25-ft
Z806500523A	Dome, end, Clear; -A(Amber), -B(Blue), -R(Red)
Z806500524A	Dome, middle, long, 13.75-inch, Clear; -A(Amber), -B(Blue), -R(Red)
Z806500525A	Dome, middle, short, 7.1-inch, Clear; -A(Amber), -B(Blue), -R(Red)
Z806500735	End cap, Clear; -A(Amber), -B(Blue), -R(Red)
Z8583020C-01	Gasket, dome, Clear, 6-ft required per base
Z806501522-2	Mount kit, 4-inch riser, flat, FS logo cut-out, 21- through 61-inch light bar lengths
Z806501522-4	Mount kit, 4-inch riser, flat, FS logo cut-out, 70-inch and 80-inch light bar lengths
Z8653178-2	Mount kit, flat, 25- through 60-inch light bar lengths
Z8653178-3	Mount kit, flat, 73- through 87-inch light bar lengths
Z8653178-1	Mount kit, flat, 10- and 18-inch light bar lengths
Z8653134B	Mount kit, hook
Z8653134B-01	Mount kit, permanent
Z806501337-AW	Rotator, SLR, dual-color; -AW(Amber/White), -BW(Blue/White), -RB(Red/Blue), -RW(Red/White)
Z806501337-A	Rotator, SLR, single-color; -A(Amber), -B(Blue), -R(Red); -W(White)
Z806501313-AW	Stationary, 4x3 QuadraFlare®, dual-color; -AW(Amber/White), -BW(Blue/White), -RB(Red/Blue), -RW(Red/White)
Z806501313-A	Stationary, 4x3 QuadraFlare, single-color; -A(Amber), -B(Blue), -R(Red), -W(White)
Z806500795-AW	Stationary, 6x4 LED QuadraFlare, dual-color; -AW(Amber/White), -AB(Amber/Blue), -RA(Red/Amber), -RB(Red/Blue), -RW(Red/White), -BW(Blue/White)
Z806500795-A	Stationary, 6x4 LED QuadraFlare, single-color; -A(Amber), -B(Blue), -G(Green), -R(Red), -W(White)
Z806501199-AW	Stationary, 7x3 QuadraFlare, dual-color; -AW(Amber/White), -BW(Blue/White), -RB(Red/Blue), -RW(Red/White)
Z806501199-A	Stationary, 7x3 QuadraFlare, single-color; -A(Amber), -B(Blue), -R(Red), -W(White)
Z806501199-WK	Stationary, 7x3 QuadraFlare, work light

Reliant™

Z858003473C	Base, end, Clear
Z1751357A-02	Cable, RS485, 25-ft
Z858003474B	Dome, end, Clear
Z8583020C-01	Gasket, dome, Clear, 6-ft required per base
Z8653178-2	Mount kit, flat
Z8653134B	Mount kit, hook

HighLighter® ELITE and HighLighter® MICRO

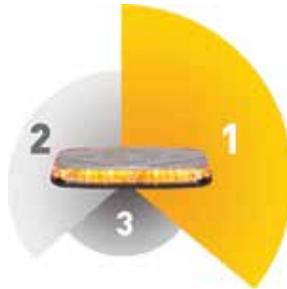
DYNAMIC DUO IN MINI-LIGHT BARS

The HighLighter® ELITE and HighLighter® MICRO leverage the latest and greatest technology advancements offering users a choice between two high-performing mini-light bars. These mini-light bars are compact, durable, easy to install, and diverse in their capabilities.



**360°
OF LIGHT**

Continuous illumination.
No dark spots.



**CLASS 1
SAE**

For maximum warning
intensity in work zones



**IP69K
MAXIMUM PROTECTION
FROM DUST & WATER**

Pressure wash and dust resistant

**LED
BENEFITS**



Low cost of
ownership



No bulbs or
tubes to replace



Warranty

	HighLighter® Elite	HighLighter® Micro	21" Allegiant®	10" Navigator®	18" Navigator®	25" Navigator®
Technology						
Solaris® LED Reflector	•	•	•	•	•	•
SpectraLux® Multicolor LED	•		•	•	•	•
SLR (Solaris® LED Rotator)				•	•	•
ROC (Reliable Onboard Circuitry...)	•	•	•			
Convergence Network			•*			
FSJoin™			•			
FSLink®	•					
Features						
LED Colors	A B G R W	A B G R W	A B G R W	A B G R W	A B G R W	A B G R W
Split-Color Capability	•	•				
Dual-Color Capability	•		•	•	•	•
Flash Patterns	25	25	28	30	30	30
Dome Colors	A C	A C	A C G R	A B C R	A B C R	A B C R
Base Material	Polycarbonate	Polycarbonate	Aluminum	Aluminum	Aluminum	Aluminum
Voltage	12/24 Vdc	12/24 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc
Assembled in the US	•	•	•	•	•	•
Low-Power (Dim)	•		•		•	•
Cruise	•					
Mounting Options						
Flat	•	•	•	•	•	•
Permanent	•	•	•	•	•	•
4-inch Riser			•	•	•	•
Magnet	•	•	•			
Suction-cup	•	•				
Dimensions						
Length	14.6 in (37.1 cm)	10.2 in (25.9 cm)	20.7 in (52.6 cm)	10.0 in (25.4 cm)	17.6 in (44.7 cm)	24.8 in (63.0 cm)
Width	9.5 in (24.1 cm)	5.6 in (14.9 cm)	11.2 in (28.5 cm)	12.4 in (31.5 cm)	12.4 in (31.5 cm)	12.4 in (31.5 cm)
Height	2.0 in (5.1 cm)	1.6 in (4.1 cm)	1.8 in (4.6 cm)	4.4 in (11.2 cm)	4.4 in (11.2 cm)	4.4 in (11.2 cm)
Compliance						
SAE J845 Class 1	A B R W	A B R W	A B R W	A B R W	A B R W	A B R W
SAE J595 Class 1	A B R W	A B R W	A B R W	A B R W	A B R W	A B R W
CCR Title 13	A B R	A B R	A B R	A B R	A B R	A B R
IP Rating	IP69K	IP69K	IP65			
Warranty	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year

*Serial models only

Effective January 22, 2024

HighLighter® Elite

- Low-profile 15" mini-light bar
- Single-, split-, and dual-color models
- Unique "edge cruise" lighting on dual-color models
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP69K
- Five-year warranty



Model	Description
Permanent Mount Models	
HL15P-A*	Permanent mount, single-color, Amber LEDs, Amber dome
HL15PC-A*	Permanent mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)
HL15PC-SAW*	Permanent mount, split-color, Amber/White LEDs, Clear dome; -SAB* (Amber/Blue); -SAG* (Amber/Green)
HL15PC-AW*	Permanent mount, dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)
Magnet Mount, Accessory Plug with On/Off Switch Models	
HL15M-A*	Magnet mount, single-color, Amber LEDs, Amber dome
HL15U-A	Magnet mount, single-color, Amber LEDs, Amber dome, with permanent mount bracket included
HL15MC-A*	Magnet mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)
HL15UC-A	Magnet mount, single-color, Amber LEDs, Clear dome, with permanent mount bracket included
HL15MC-SAW	Magnet mount, split-color, Amber/White LEDs, Clear dome; -SAB (Amber/Blue); -SAG (Amber/Green)
HL15UC-SAW	Magnet mount, split-color, Amber/White LEDs, Clear dome, with permanent mount bracket included; -SAG (Amber/Green)
HL15MC-AW	Magnet mount, dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)
HL15UC-AW	Magnet mount, dual-color, Amber/White LEDs, Clear dome, with permanent mount bracket included; -AG (Amber/Green)
Suction-Cup Magnet Mount, Accessory Plug with On/Off Switch Models	
HL15S-A*	Suction-cup magnet mount, single-color, Amber LEDs, Amber dome
HL15SC-A	Suction-cup magnet mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)
HL15SC-SAW	Suction-cup magnet mount, split-color, Clear dome; -SAB (Amber/Blue); -SAG (Amber/Green)
HL15SC-AW	Suction-cup magnet mount, dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)
Accessories	
454217*	Kit, riser mount, 2.1-inch lift
210883SSG*	Kit, self-leveling bracket
HL15-BKT*	Kit, permanent mount bracket
HL15-HDKIT	Kit, tow wing light mount, 10-ft cable
HL15-MAGMT*	Kit, magnet mount, accessory plug
HL15-SCTMT*	Kit, suction-cup magnet mount, accessory plug



End cruise
(single- and split-color models)



Edge cruise
(dual-color models)

* Stock model

HighLighter® Micro

- Low-profile 10" mini-light bar
- Single- and split-color models
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP69K
- Five-year warranty



Model	Description
Permanent Mount Models	
HL10P-A*	Permanent mount, single-color, Amber LEDs, Amber dome
HL10PC-A*	Permanent mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)
HL10PC-AW	Permanent mount, split-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red); -RB (Red/Blue)
Magnet Mount, Accessory Plug with On/Off Switch Models	
HL10M-A	Magnet mount, single-color, Amber LEDs, Amber dome
HL10MC-A	Magnet mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)
HL10MC-AW	Magnet mount, split-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
HL10U-A*	Magnet mount, single-color, Amber LEDs, Amber dome, with permanent mount bracket included
HL10UC-A*	Magnet mount, single-color, Amber LEDs, Clear dome, with permanent mount bracket included
HL10UC-AW*	Magnet mount, split-color, Amber/White LEDs, Clear dome, with permanent mount bracket included; -AG* (Amber/Green)
Suction-Cup Magnet Mount, Accessory Plug with On/Off Switch Models	
HL10S-A	Suction-cup magnet mount, single-color, Amber LEDs, Amber dome
HL10SC-A	Suction-cup magnet mount, single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red); -W (White)
HL10SC-AW	Suction-cup magnet mount, split-color, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
Accessories	
BKT-SL*	Kit, self-leveling bracket
HL10-BKT	Kit, permanent mount bracket
HL10-HDKIT	Kit, tow wing light mount, 10-ft cable
HL10-MAGMT*	Kit, magnet mount, accessory plug
HL10-SCTMT*	Kit, suction-cup magnet mount, accessory plug

* Stock model

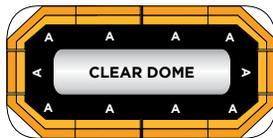
Effective January 22, 2024

21" Allegiant®

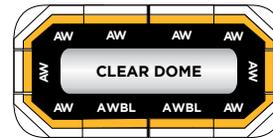
- Low-profile 21" mini-light bar
- Front flood, rear flood, takedowns, alley lights, work lights, and bed lights are available
- (28) flash patterns
- Low-power mode
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP65
- Five-year warranty



Model	Description
Discrete Models	
ALGT21D-AMBRF*	(10) Amber light heads, flat mount, Clear dome
ALGT21D-AMBRM	(10) Amber light heads, magnet mount with accessory plug, Clear dome
ALGT21D-AMBRP*	(10) Amber light heads, low-profile permanent mount, Clear dome
ALGT21D-AMBR3BF	(10) Amber/White light heads, takedowns, work lights, bed lights, flat mount, Clear dome
Serial Model — Four-button controller included	
ALGT21J-AMBR3BP4*	(10) Amber/White light heads, takedowns, work lights, bed lights, low-profile permanent mount, Clear dome
Notes	
<ul style="list-style-type: none"> • Convergence Network Controllers & Accessories on page 13 • Common replacement parts on page 20 	



ALGT21D-AMBRP*
ALGT21D-AMBRF*
ALGT21D-AMBRM



ALGT21D-AMBR3BF
ALGT21J-AMBR3BP4*

* Stock model

10", 18", and 25" Navigator®

- High-profile, mini-light bar
- (30) flash patterns
- Black or Clear bulkheads
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description
10-inch Models	
NVG10-3AF	(3) Amber light heads, flat mount, Clear dome
NVG10-4AF	(4) Amber light heads, flat mount, Clear dome
NVG10-4ABF	(4) Amber/Blue light heads, flat mount, Clear dome
NVG10-4AGF	(4) Amber/Green light heads, flat mount, Clear dome
NVG10-4AWF	(4) Amber/White light heads, flat mount, Clear dome
NVG10-AAF	(1) Amber rotator, flat mount, Clear dome
NVG10-ABF	(1) Amber/Blue rotator, flat mount, Clear dome
NVG10-AGF	(1) Amber/Green rotator, flat mount, Clear dome
NVG10-AWF	(1) Amber/White rotator, flat mount, Clear dome
18-inch Models	
NVG18D-AMBR1FC	(6) Amber light heads, Clear bulkheads, flat mount, Clear domes
NVG18D-AMBR1RFC	(2) Amber rotators with mirror, Clear bulkheads, flat mount, Clear domes
NVG18D-MUNI1RFC	(2) Amber/White rotators with mirror, Clear bulkheads, flat mount, Clear domes
25-inch Models	
NVG25D-AMBR1FC	(8) Amber light heads, Clear bulkheads, flat mount, Clear domes
NVG25D-AMBR1RFB	(2) Amber light heads, (2) Amber rotators with mirror, Black bulkheads, flat mount, Amber domes
NVG25D-AMBR1RFC	(2) Amber light heads, (2) Amber rotators with mirror, Clear bulkheads, flat mount, Clear domes
NVG25D-MUNI2RFC	(1) Amber light head, (2) Amber rotators with mirror, (1) work light, Clear bulkheads, flat mount, Clear domes
Note	
<ul style="list-style-type: none"> • Common replacement parts on page 21 	

SPIRE®

RELIABLE. DURABLE. AFFORDABLE.

Safety is the number one priority for truck operators in work zones—demand a beacon solution that's powerful, innovative and reliable.

High-performing **SPIRE® 100** and **SPIRE® 200** models deliver maximum light output to keep workers safe—while their affordable pricing makes them the easy choice for outfitting your entire fleet.



360° OF LIGHT

Continuous illumination.
No dark spots.

Unique and patented dome optics allow for continuous 360-degrees of illumination.



CLASS 1 SAE

For maximum warning intensity in work zones



IP69K MAXIMUM PROTECTION FROM DUST & WATER

Pressure wash
and dust resistant

LED BENEFITS



Low cost of
ownership



No bulbs or
tubes to replace



Warranty

	Spire® 100	Spire® 200	Pro LED Beacon	SLR Beacon	Renegade® LED	Firebolt® LED Class 2	Firebolt® LED Class 3
Technology							
Solaris® LED Reflector			•	•			
SpectraLux® Multicolor LED		•	•				
SLR (Solaris® LED Rotator)				•			
FSLink®		•	•				
Features							
LED Colors	W	A B G R W	A B G R W	A R W	A R	A B R W	A
Dual-Color Capability		•	•				
Flash Patterns	25	25	25	75/90/120 RPM	1	15	1
Dome Colors	A B C G R	A B C G R	A B C G R	A C R	A R	A B C R	A
Base Material	Polycarbonate Die-Cast Aluminum	Polycarbonate Die-Cast Aluminum	Die-Cast Aluminum	Die-Cast Aluminum	Polycarbonate	Polycarbonate	Polycarbonate
Voltage	12/24 Vdc	12/24 Vdc	12/24 Vdc	12/24 Vdc	12-110 Vdc	12-72 Vdc	12/24 Vdc
Assembled in the US	•	•	•	•		•	
Mounting Options							
Permanent / 1-inch Pipe	•	•	•	•			
Permanent / 1/2-inch Pipe						•	•
1-inch Pipe	•	•					
Permanent	•	•			•		
Magnet	•	•			•	•	•
Suction-Cup Magnet	•	•					
Rubber	•						
Dimensions							
Diameter	With Base 6.5 in (16.5 cm)	With Base 6.5 in (16.5 cm)	7.3 in (18.4 cm)	7.1 in (18.0 cm)	Permanent Mount 2.9 in (7.4 cm)	5.1 in (12.9 cm)	5.1 in (12.9 cm)
	Without Base 5.2 in (13.2cm)	Without Base 5.2 in (13.2cm)			Magnet Mount 2.8 in (7.1 cm)		
Height	Tall with Base 7.1 in (18 cm)	Tall with Base 7.1 in (18 cm)	Tall 5.3 in (13.3 cm)	5.8 in (14.7 cm)	Permanent Mount 5.2 in (13.2 cm)	Permanent Mount 3.6 in (9.2 cm)	3.8 in (9.6 cm)
	Tall without Base 6.2 in (15.7 cm)	Tall without Base 6.2 in (15.7 cm)					
	Short with Base 5.6 in (14.2 cm)	Short with Base 5.6 in (14.2 cm)	Short 3.6 in (9.2 cm)		Magnet Mount 5.4 in (13.7 cm)	Magnet Mount 4.0 in (10.2 cm)	
	Short without Base 4.7 in (11.9 cm)	Short without Base 4.7 in (11.9 cm)					
Compliance							
SAE J845 Class 1	A B R W	A B R W	A B R W	A R			
SAE J845 Class 2					A R	A B R W	
SAE J845 Class 3	G	G	G				A
CCR Title 13			A B R	A R			
IP Rating	IP69K	IP69K	IP69K				
Warranty	Five-year	Five-year	Five-year	Five-year	Three-year	Five-year	Three-year

Effective January 22, 2024

Spire® 100

- Single-color, short and tall beacon
- (25) flash patterns
- Power-Select feature to change flash patterns
- Built-in industry-standard watertight cable connection
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J845 Class 1 (Amber, Blue, Red, White), IP69K
- Five-year warranty



Model	Description
Short Dome Models	
100SC-A*	1-inch pipe mount, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100SP-A*	Polycarbonate permanent/1-inch pipe mount, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100SD-A	Die-cast permanent/1-inch pipe mount, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100SDDC-A	Die-cast permanent/1-inch pipe mount, short, Amber dome, dust cover
100SDU-A	Die-cast permanent/1-inch pipe mount, short, Amber dome, branch guard, dust cover, blackout disk
100SM-A*	Magnet mount, accessory plug, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100SS-A	Suction-cup magnet mount, accessory plug, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100SR-A*	Rubber mount, short, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
Tall Dome Models	
100TC-A*	1-inch pipe mount, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100TP-A*	Polycarbonate permanent/1-inch pipe mount, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100TD-A	Die-cast permanent/1-inch pipe mount, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100TDDC-A	Die-cast permanent/1-inch pipe mount, tall, Amber dome, dust cover
100TM-A*	Magnet mount, accessory plug, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100TS-A	Suction-cup magnet mount, accessory plug, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
100TR-A	Rubber mount, tall, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)

Spire® Accessories

Model	Description
200B-SHORT	Branch guard, short
200B-TALL	Branch guard, tall
200DC-SHORT	Dust cover, short
200DC-TALL	Dust cover, tall
BKT-SL	Self-leveling bracket
200DCAST-MP10	Die-cast permanent mount, 10-pack
200POLY-MP10	Polycarbonate permanent mount, 10-pack

* Stock model

Spire® 200

- Single- and dual-color, short and tall beacon
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Low-power mode
- Compliance: SAE J845 Class 1 (Amber, Blue, Red, White), IP69K
- Five-year warranty



Model	Description
Short Dome Models	
200SC-A	1-inch pipe mount, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
220SC-AW	1-inch pipe mount, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
200SP-A	Polycarbonate permanent/1-inch pipe mount, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
220SP-AW	Polycarbonate permanent/1-inch pipe mount, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
200SD-A*	Die-cast permanent/1-inch pipe mount, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
200SDDC-A	Die-cast permanent/1-inch pipe mount, single-color, short, Amber LEDs, Amber dome, dust cover
200SDU-A	Die-cast permanent/1-inch pipe mount, single-color, short, Amber LEDs, Amber dome, branch guard, dust cover, blackout disk
220SD-AW	Die-cast permanent/1-inch pipe mount, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
200SM-A	Magnet mount, accessory plug, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
220SM-AW	Magnet mount, accessory plug, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
200SS-A	Suction-cup magnet mount, accessory plug, single-color, short, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
220SS-AW	Suction-cup magnet mount, accessory plug, dual-color, short, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
Tall Dome Models	
200TC-A*	1-inch pipe mount, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
220TC-AW	1-inch pipe mount, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
200TP-A*	Polycarbonate permanent/1-inch pipe mount, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
220TP-AW*	Polycarbonate permanent/1-inch pipe mount, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
200TD-A*	Die-cast permanent/1-inch pipe mount, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
200TDDC-A	Die-cast permanent/1-inch pipe mount, single-color, tall, Amber LEDs, Amber dome, dust cover
220TD-AW	Die-cast permanent/1-inch pipe mount, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
200TM-A*	Magnet mount, accessory plug, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
220TM-AW	Magnet mount, accessory plug, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)
200TS-A	Suction-cup magnet mount, accessory plug, single-color, tall, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (Red); -W (White)
220TS-AW	Suction-cup magnet mount, accessory plug, dual-color, tall, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green); -AR (Amber/Red)



* Stock model

Effective January 22, 2024

Pro LED Beacon

- Single- and dual-color, short and tall beacon
- Built-in permanent/1-inch pipe mount aluminum die-cast base
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Low-power mode
- Compliance: SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP69K
- Five-year warranty



Model	Description
Short Dome Models	
300SMP-A-SB*	Single-color, Amber LEDs, Amber dome; -B (Blue); -R (Red)
300SMPC-A-SB	Single-color, Amber LEDs, Clear dome
320SMPC-AW-SB	Dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green)
Tall Dome Models	
300TMP-A-SB*	Single-color, Amber LEDs, Amber dome; -B (Blue); -G (Green); -R (red)
300TMPC-A-SB*	Single-color, Amber LEDs, Clear dome; -B (Blue); -G (Green); -R (Red)
320TMPC-AW-SB	Dual-color, Amber/White LEDs, Clear dome; -AB (Amber/Blue); -AG (Amber/Green)
Accessories	
300B-SHORT	Branch guard, short
300B-TALL	Branch guard, tall

SLR Beacon

- Unique LED rotating beacon
- 75/90/120 RPM
- Built-in permanent/1-inch pipe mount aluminum die-cast base
- Compliance: SAE J845 Class 1, CCR Title 13
- Multi-voltage, 12/24 Vdc
- Five-year warranty



Model	Description
262650-02	Amber LEDs, Amber dome
262650-04	Red LEDs, Red dome
262650-05	White LEDs, Clear dome
262650-25	Amber LEDs, Clear dome

* Stock model

Renegade® LED

- Single-color LED beacon
- (1) flash pattern
- Multi-voltage, 12-110 Vdc
- Compliance: SAE J845 Class 2
- Three-year warranty



Model	Description
Permanent Mount Models	
462250-02*	Amber LEDs, Amber dome
462250-04	Red LEDs, Red dome
Magnet Mount, Accessory Plug Models	
462260-02	Amber LEDs, Amber dome
462260-04	Red LEDs, Red dome

Firebolt® LED

SAE J845 Class 2 Models

- Single-color LED beacon
- (15) flash patterns
- Multi-voltage, 12/72 Vdc
- Five-year warranty

SAE J845 Class 3 Models

- Single-color LED beacon
- (1) flash pattern
- Multi-voltage, 12/24 Vdc
- Three-year warranty



Model	Description
Permanent / 1/2-Inch Pipe Mount Models	
220250-02*	Amber LEDs, Amber dome, Class 2
220250-03	Blue LEDs, Blue dome, Class 2
220250-04	Red LEDs, Red dome, Class 2
220250-05	White LEDs, Clear dome, Class 2
220350-02*	Amber LEDs, Amber dome, Class 3
Magnet Mount, Accessory Plug Models	
220260-02*	Amber LEDs, Amber dome, Class 2
220260-03	Blue LEDs, Blue dome, Class 2
220260-04	Red LEDs, Red dome, Class 2
220260-05	White LEDs, Clear dome, Class 2
220360-02*	Amber LEDs, Amber dome, Class 3
Accessories for Class 2 Models	
210539	L-Bracket
210728	Kit, magnet mount with accessory plug
211676	Dome guard assembly, chrome

* Stock model



	Latitude [™] SignalMaster [™]	4200S SignalMaster	8200S SignalMaster	MicroPulse [®] SignalMaster	CN SignalMaster
Technology					
Solaris [®]	•				•
SpectraLux [®] Multicolor LED					•
ROC (Reliable Onboard Circuitry [™])	•				•
Convergence Network					•
FSJoin [™]					•
Features					
LED Colors	A	A	A	A	A B R W
Dual-Color Capability					•
Tri-Color Capability					•
Number of Directional Heads	6 or 8	6 or 8	6 or 8	4, 6, or 8	4 or 8
Flash Patterns	1	14	14	Depends on the controller selected	27
Number of LEDs per Light Head	3	4	8	12	6
Lens Color	C	C	C	C	C
Voltage	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc
Split-Head Option			•		•
Arrow-Style Option		•	•		
Controller Included	•				Optional
Online Configurator					•
Assembled in the US	•			•	•
Length					
20-inch				•	
23-inch / 24-inch	•			•	
30-inch / 31-inch / 32-inch	•	•	•	•	•
36-inch				•	
42-inch / 44-inch		•	•	•	
48-inch	•				
51-inch		•	•	•	
65-inch				•	
84-inch				•	
Dimensions					
Width	2.7 in (6.9 cm)	2.0 in (5.1 cm)	1.9 in (4.8 cm)	3.4 in (8.6 cm)	3.3 in (8.4 cm)
Height	1.3 in (3.3 cm)	1.4 in (3.6 cm)	2.3 in (5.8 cm)	2.6 in (6.6 cm)	1.7 in (4.3 cm)
Compliance					
SAE J845 Class 1	A	A	A	A	A B R W
SAE J595 Class 1	A			A	A B R W
CCR Title 13	A	A	A	A	A B R
IP Rating				IP67	
Warranty	Five-year	Three-year	Three-year	Five-year	Five-year

Effective January 22, 2024

Latitude™ SignalMaster™

- LED directional warning light
- Available in 6-head and 8-head models
- Innovative co-extrusion, polycarbonate housing provides moisture resistance; compatible with SignalMaster brackets
- Left, right and center-out directional signals and (1) warning pattern
- Compliance: SAE J595 Class 1, SAE J845 Class 1, CCR Title 13
- Five-year warranty



Model	Description
SL6S-A	24-inch, (6) Amber light heads, SignalMaster economy controller, 30-ft cable
SL8S-A*	32-inch, (8) Amber light heads, SignalMaster economy controller, 30-ft cable
SL8S-A-50	32-inch, (8) Amber light heads, SignalMaster economy controller, 50-ft cable
SL8S-A48*	48-inch, (8) Amber light heads, SignalMaster economy controller, 30-ft cable
SL8S-A48-50*	48-inch, (8) Amber light heads, SignalMaster economy controller, 50-ft cable

Common Replacement Part

Z8573327A	Economy controller
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SignalMaster Brackets

 <p>320310</p> <p>Flush mount, vertical surface</p>	 <p>320320*</p> <p>Double L-bracket for light bar or rear deck mount</p>	 <p>320330</p> <p>System mount</p>	 <p>320340</p> <p>Universal mount</p>
 <p>320350</p> <p>Foot adapter mount</p>	 <p>CNSM-UM</p> <p>Universal mount for CN SignalMaster, internal/external use</p>	 <p>SLB-001</p> <p>Long L-bracket, CN SignalMaster or Latitude</p>	 <p>SLB-002</p> <p>Short L-bracket, CN SignalMaster or Latitude</p>
 <p>SLB-FRD15ND*</p> <p>8-head bracket, CN SignalMaster or Latitude, no drill, Ford F-150 2015-2023, Lightning 2022-2023, and Super Duty 2017-2022</p>	 <p>SLB-SIL19ND</p> <p>8-head bracket, CN SignalMaster or Latitude, no drill, Chevy Silverado 2019-2023</p>		

* Stock model

4200S/8200S SignalMaster™

- LED directional warning light
- Available in 31", 42", and 51" lengths
- Stick light models available in 6-head or 8-head versions; Arrow light models available in 10-head or 16-head versions
- 4200S SignalMaster models have (4) LEDs per light head; 8200S SignalMaster models have (8) LEDs per light head
- Left, right, center-out directional signals and (14) warning patterns
- Aluminum housing with rail design compatible with SignalMaster brackets
- 18" whip with water-tight connector
- Discrete extension cable or eight-button controller required
- Compliance: SAE J595 Class 1, CCR Title 13
- Three-year warranty



Model	Description
Stick Models	
4200SM6-A*	4200S SignalMaster, 31-inch, (6) Amber light heads
8200SM6-A*	8200S SignalMaster, 31-inch, (6) Amber light heads
4200SM8-A-42*	4200S SignalMaster, 42-inch, (8) Amber light heads
8200SM8-A-42*	8200S SignalMaster, 42-inch, (8) Amber light heads
4200SM8-A-51*	4200S SignalMaster, 51-inch, (8) Amber light heads
8200SM8-A-51*	8200S SignalMaster, 51-inch, (8) Amber light heads
Arrow Models	
4200SMA10-A*	4200S SignalMaster Arrow, 31-inch, (10) Amber light heads (6-head stick, 2-head arrows)
8200SMA10-A*	8200S SignalMaster Arrow, 31-inch, (10) Amber light heads (6-head stick, 2-head arrows)
8200SMA10-A-2*	8200S SignalMaster Arrow, (2) 20-inch, (10) Amber light heads, split (3-head stick, 2-head arrows)
4200SMA16-A*	4200S SignalMaster Arrow, 51-inch, (16) Amber light heads (8-head stick, 4-head arrows)
8200SMA16-A*	8200S SignalMaster Arrow, 51-inch, (16) Amber light heads (8-head stick, 4-head arrows)
Required Accessories (must order one with each light)	
SMCABLE-15*	Discrete cable, 15-ft
SMCABLE-30*	Discrete cable, 30-ft
SMCONTROL*	Eight-button serial controller with 20-ft cable
Optional SMCONTROL Accessories	
SMEXTENSION-15*	Extension cable, 15-ft
SMEXTENSION-30*	Extension cable, 30-ft
SMCONTROL-BRKT*	Permanent mount bracket
Note	
• SignalMaster brackets on page 36	



SMCABLE-15*



SMCONTROL*



SMEXTENSION-30*



SMCONTROL-BRKT*

* Stock model

Effective January 22, 2024

MicroPulse® SignalMaster™

- LED directional warning light
- 4-head, 6-head, and 8-head models available in various lengths
- Aluminum housing with rail design compatible with SignalMaster brackets
- Visor-like extrusion designed to help block sunlight, increasing the warning effectiveness
- Compliance: SAE J595 Class 1, SAE J845 Class 1, CCR Title 13, IP67
- Five-year warranty



Model	Description
MPSUSM20-4A-30*	20-inch, (4) Amber light heads, 30-ft cable
MPSUSM23-A-30	23-inch, (4) Amber light heads, 30-ft cable
MPSUSM30-BRK-50	30-inch, (4) Amber light heads and (1) Red brake light (center), 50-ft cable
MPSUSM32-A-30	32-inch, (6) Amber light heads, 30-ft cable
MPSUSM32-A-60	32-inch, (6) Amber light heads, 60-ft cable
MPSUSM36-BRK-50	36-inch, (6) Amber light heads and (1) Red brake light (center), 50-ft cable
MPSUSM42-A-30	42-inch, (6) Amber light heads, 30-ft cable
MPSUSM42-BRK-30	42-inch, (6) Amber light heads and (1) Red brake light (center), 30-ft cable
MPSUSM42-A-60	42-inch, (6) Amber light heads, 60-ft cable
MPSUSM42-8A-30*	42-inch, (8) Amber light heads, 30-ft cable
MPSUSM42-8A-60*	42-inch, (8) Amber light heads, 60-ft cable
MPSUSM44-A-30*	44-inch, (8) Amber light heads, 30-ft cable
MPSUSM44-A-60*	44-inch, (8) Amber light heads, 60-ft cable
MPSUSM51-BRK-30	51-inch, (8) Amber light heads and (1) Red brake light (center), 30-ft cable
MPSUSM51-A-30	51-inch, (8) Amber light heads, 30-ft cable
MPSUSM51-A-60	51-inch, (8) Amber light heads, 60-ft cable
MPSUSM65-A-60	65-inch, (8) Amber light heads, 60-ft cable
MPSUSM84-DOT	84-inch, (8) Amber light heads, (3) Red DOT marker lights, 30-inch cable

Required Controller Options

330104-SB*	Basic directional light controller, 12/24 Vdc
331105-SB*	Full-feature directional light controller with slide switch and override feature, 12/24 Vdc

Common Replacement Parts

ZMPS121UX-A-SM	Replacement light head, Amber
ZMPS121UX-R-SM	Replacement light head, Red

Note

- SignalMaster brackets on page 36



* Stock model

CN SignalMaster™



- LED directional warning light with flood lighting capability
- Available in 4-head, 8-head, and split 8-head models
- Tri-color capability with LED colors in Amber, Blue, Green, Red, and White
- Left, right and center-out directional signals plus (27) warning patterns
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description
8-Head SignalMaster	
CNSMJ8R-AMBR1	(8) Amber light heads, no interface module, 25-ft cable
CNSMJ8R-AMBR2	(8) Amber light heads, interface module, 25-ft cable
CNSMJ8R-AMBR3	(8) Amber light heads, six-button controller, 25-ft cable
CNSMJ8R-AMBR4	(8) Amber/White light heads, no interface module, 25-ft cable
CNSMJ8R-AMBR5	(8) Amber/White light heads, interface module, 25-ft cable
CNSMJ8R-AMBR7	(8) Amber/White light heads, six-button controller, 25-ft cable
Split 8-Head SignalMaster — (2) 4-Head	
CNSMJ2X4R-AMBR1	(8) Amber light heads, no interface module, 25-ft cable
CNSMJ2X4R-AMBR2	(8) Amber light heads, interface module, 25-ft cable
CNSMJ2X4R-AMBR3	(8) Amber light heads, six-button controller, 25-ft cable
CNSMJ2X4R-AMBR4	(8) Amber/White light heads, no interface module, 25-ft cable
CNSMJ2X4R-AMBR5	(8) Amber/White light heads, interface module, 25-ft cable
CNSMJ2X4R-AMBR7	(8) Amber/White light heads, six-button controller, 25-ft cable
Notes	
<ul style="list-style-type: none"> • Convergence Network Controllers & Accessories on page 13 • SignalMaster brackets on page 36 	

Perimeter Light Comparison Chart

Federal Signal

Effective January 22, 2024

	MicroPulse® Wide Angle 9	MicroPulse® Ultra	MicroPulse® C Series	MicroPulse® 650/652	416300	416900Z/416910Z	FireRay® LED
Technology							
SpectraLux® Multicolor LED		•					•
FSJoin™		•					•
FSLink®		•					
Features							
LED Colors	A B G R W	A B G R W	A B R W	A B R W	A B R W	A B R W	A B R W
Split-Color Capability							•
Dual-Color Capability	•	•	•	•	•	•	•
Tri-Color Capability		•					
Flash Patterns	12 (Single-Color) 18 (Dual-Color)	25	27 (Single-Color) 18 (Dual-Color)	10	17	19	13
Number of LEDs per Light Head	9 (Single-Color)	3 (MPS3U Single-Color) 6 (MPS3U Dual-Color, MPS6U Single-Color)	6 (Single-Color)	6 (Single-Color)	3 (Single-Color)	6 (Single-Color)	N/A
	12 (Dual-Color)	12 (MPS6U Dual-Color, MPS12U Single-Color) 18 (MPS6U Tri-Color) 24 (MPS12U Dual-Color) 36 (MPS12U Tri-Color)	8 (Dual-Color)	12 (Dual-Color)	6 (Dual-Color)	12 (Dual-Color)	
Lens Color	C	C	C	C	C	C	A B C R
Voltage	12/24 Vdc (Single-Color)	12/24 Vdc	12 Vdc	12/24 Vdc	12 Vdc (Single-Color)	12/24 Vdc	12 Vdc
	12 Vdc (Dual-Color)				12/24 Vdc (Dual-Color)		
Assembled in the US		•					
Dimensions							
Length	5.0 in (12.8 cm)	MPS3U 3.5 in (8.8 cm)	4.1 in (10.3 cm)	4.2 in (10.8 cm)	N/A	N/A	FR4 4.8 in (12.2 cm)
		MPS6U 5.2 in (13.2 cm)					FR6 6.4 in (16.3 cm)
		MPS12U 5.3 in (13.5 cm)					FR7 7.0 in (17.8 cm)
Width/Diameter	1.5 in (3.8 cm)	0.4 in (1.0 cm)	0.9 in (2.4 cm)	1.7 in (4.3 cm)	1.0 in (2.6 cm)	1.9 in (4.7 cm)	FR9 10.2 in (25.9 cm)
							FR4 0.9 in (2.3 cm)
							FR6 1.3 in (3.3 cm)
Height/Depth	1.5 in (3.8 cm)	MPS3U, MPS6U 1.3 in (3.3 cm) MPS12U 1.9 in (4.8 cm)	0.9 in (2.3 cm)	0.9 in (2.4 cm)	1.3 in (3.4 cm)	0.9 in (2.3 cm)	FR7 1.1 in (2.8 cm)
							FR9 1.4 in (3.6 cm)
							FR4 2.8 in (7.1 cm)
							FR6 4.4 in (11.2 cm)
							FR7 4.0 in (10.2 cm)
							FR9 6.3 in (16.0 cm)
Compliance							
SAE J845 Class 1	A B R W	A B R W		A B R W			A B R W
SAE J845 Class 2			A B R W (Single-Color)				
SAE J845 Class 3	G	G	A B R W (Dual-Color)				
SAE J595 Class 1	A B R W (Single-Color)	A B R W	A B R W (Single-Color)	A B R W			A B R W
	R (Dual-Color)		B (Dual-Color)				
SAE J595 Class 2	A B W (Dual-Color)		A R (Dual-Color)				
CCR Title 13	A B R (Single-Color)	A B R	A B R				A B R
IP Rating	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Warranty	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year	Five-year

MicroPulse® Wide Angle 9



- 180-degree wide angle perimeter light
- Single- and dual-color models
- (27) single-color or (18) dual-color flash patterns
- Wide range of external mounting applications
- Black bezel standard; Chrome bezel optional
- Multi-voltage, 12/24 Vdc (single-color only)
- Compliance: SAE J595 Class 1 (single-color), SAE J595 Class 2 (dual-color), SAE J845 Class 1, CCR Title 13 (single-color), IP67
- Five-year warranty

Model	Description
MPSW9-A*	Single-color, (9) Amber LEDs
MPSW9-B	Single-color, (9) Blue LEDs
MPSW9-R	Single-color, (9) Red LEDs
MPSW9-W*	Single-color, (9) White LEDs
MPSW9-AG	Dual-color, (12) Amber/Green LEDs
MPSW9-AW*	Dual-color, (12) Amber/White LEDs
MPSW9-BA*	Dual-color, (12) Blue/Amber LEDs
MPSW9-BW	Dual-color, (12) Blue/White LEDs
MPSW9-RA*	Dual-color, (12) Red/Amber LEDs
MPSW9-RB	Dual-color, (12) Red/Blue LEDs
MPSW9-RW	Dual-color, (12) Red/White LEDs
Accessories	
MPSMW9-1	Chrome bezel for (1) MPSW9
MPSMW9-2	White bezel for (1) MPSW9
Common Replacement Part	
MPSMW9-3	Black bezel for (1) MPSW9

MicroPulse Wide Angle 9 Brackets and Kits

<p>MPSMW9-LB*</p> <p>L-Bracket for (1) MPSW9</p>	<p>MPSMW9-SPACRKT*</p> <p>Kit for (4) 5-degree rubber mounting wedges for use with MPSW9 lights</p>	<p>MPSW9-SPACRKT2</p> <p>Pair of 22-degree rubber mounting wedges for MPSW9, Ford F-150, Dodge Ram 2500, 2023</p>	<p>MPSMW9-FRD21MIR*</p> <p>Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford F-150 (non-towing mirrors), 2021-2022</p>
<p>MPSMW9-RAM19MIR*</p> <p>Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Ram, 2019-2022; Dodge Ram new body style</p>	<p>MPSMW9-SHD</p> <p>Shroud for (1) MPSW9 light, multi-vehicle applications</p>	<p>MPSMW9-SIL19MIR*</p> <p>Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Silverado 1500, 2019-2021</p>	<p>MPSMW9-TAH21MIR</p> <p>Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Tahoe, 2021-2022</p>

* Stock model

Effective January 22, 2024

MicroPulse® Ultra

- Ultra low-profile perimeter light available in three sizes
- Single-, dual-, and tri-color models
- (25) flash patterns
- Wide range of external and internal mounting applications
- Black bezel standard; Chrome and White bezels optional
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13, IP67
- Five-year warranty



Model	Description
MPS121U-A*	MicroPulse Ultra 12, single-color, (12) Amber LEDs; -R (Red)
MPS122U-AW*	MicroPulse Ultra 12, dual-color, (24) Amber/White LEDs; -BA* (Blue/Amber); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)
MPS123U-AGW*	MicroPulse Ultra 12, tri-color, (36) Amber/Green/White LEDs; -BAW* (Blue/Amber/White); -RAW* (Red/Amber/White); -RBA (Red/Blue/Amber); -RBW (Red/Blue/White)
MPS61U-A*	MicroPulse Ultra 6, single-color, (6) Amber LEDs; -B (Blue); -R (Red); -W (White)
MPS62U-AW*	MicroPulse Ultra 6, dual-color, (12) Amber/White LEDs; -AG (Amber/Green); -BA* (Blue/Amber); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)
MPS63U-AGW*	MicroPulse Ultra 6, tri-color, (18) Amber/Green/White LEDs; -BAW* (Blue/Amber/White); -RAW* (Red/Amber/White); -RBA (Red/Blue/Amber); -RBW (Red/Blue/White)
MPS31U-A*	MicroPulse Ultra 3, single-color, (3) Amber LEDs; -B (Blue); -R (Red); -W (White)
MPS32U-AW*	MicroPulse Ultra 3, dual-color, (6) Amber/White LEDs; -AG* (Amber/Green); -BA* (Blue/Amber); -BW (Blue/White); -RA* (Red/Amber); -RB (Red/Blue); -RW (Red/White)

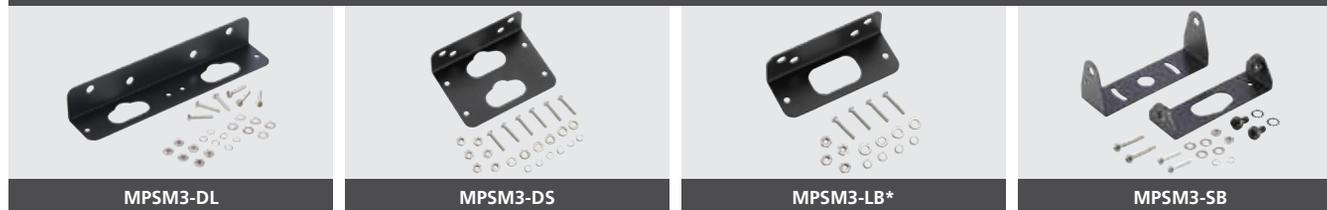
Accessories

MPSUMB3-1	Chrome bezel for (1) MicroPulse Ultra 3; -2 (White)
MPSUMB6-1	Chrome bezel for (1) MicroPulse Ultra 6; -2 (White)
MPSUMB12-1	Chrome bezel for (1) MicroPulse Ultra 12; -2 (White)

Common Replacement Parts

MPSUMB3-3	Black bezel for (1) MicroPulse Ultra 3
MPSUMB6-3	Black bezel for (1) MicroPulse Ultra 6
MPSUMB12-3	Black bezel for (1) MicroPulse Ultra 12

MicroPulse Ultra 3 Brackets and Kits



MPSM3-DL

L-Bracket for (2) MPS3U lights, side-by-side

MPSM3-DS

L-Bracket for (2) MPS3U lights, stacked

MPSM3-LB*

L-Bracket for (1) MPS3U light

MPSM3-SB

Swivel Mount Bracket for (1) MPS3U light

MPSM3U-PLN

Pylon mount bezel for (1) MPS3U light

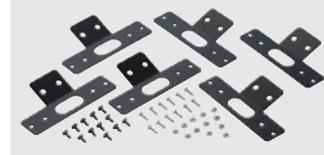
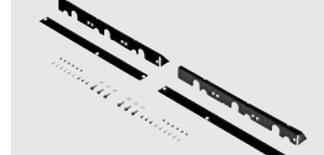
MPSM3UC-SPACRKT*

Kit of four 5-degree rubber mounting wedges for use with MPS3U lights

* Stock model

MicroPulse® Ultra—Continued

MicroPulse Ultra 6 Brackets and Kits

 <p>MPSM6-DL*</p> <p>L-bracket for (2) MPS6U lights, side-by-side</p>	 <p>MPSM6-DS*</p> <p>L-bracket for (2) MPS6U lights, stacked</p>	 <p>MPSM6-LB*</p> <p>L-bracket for (1) MPS6U light</p>	 <p>MPSM6-SB*</p> <p>Swivel mount bracket for (1) MPS6U light</p>	 <p>MPSM6U-SPACRKT</p> <p>Kit of four 5-degree rubber mounting wedges for use with MPS6U lights</p>
 <p>MPSM6U-WIN*</p> <p>Adhesive mount for (1) MPS6U light. Kit includes 90°, 67°, 46°, and 30° shrouds</p>	 <p>MPSM6U-WIN46-12</p> <p>Adhesive mount for (12) MPS6U lights. Kit includes 46° shrouds</p>	 <p>MPSM6-FRD15RB</p> <p>Kit of (6) running board brackets, each bracket holds (1) MPS6U light, F-150/Ford F-150 Responder, 2015-2023 (will work on XL and XLT trim levels with OEM running boards)</p>	 <p>MPSM6U-FD15UPRB</p> <p>Kit of (6) upper running board brackets, each bracket holds (1) MPS6U light, Ford F-150/Ford F-150 Responder, 2015-2023 (will work on XL and XLT trim levels with OEM running boards)</p>	
 <p>MPSM6-GRL1*</p> <p>Pair of grille brackets, each bracket holds (1) MPS3U/MPS6U light, fits vehicles with a mesh grille</p>	 <p>IPX-GRL14</p> <p>Pair of grille brackets, horizontal mount, no drill, each bracket holds (1) MPS3U/MPS6U light, Ford-150 Responder, 2018-2022 (will work on lower end trim level grilles on XL and XLT models)</p>	 <p>MPSM6U-PLN</p> <p>Pylon mount bezel for (1) MPS6U light</p>	 <p>MPS6U-SIL19RS6</p> <p>Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Chevrolet Silverado 2019-2022</p>	

MicroPulse Ultra 12 Brackets and Kits

 <p>330510*</p> <p>6-inch oval mounting plate kit for (1) MPS12U, with rubber grommet (light sold separately)</p>	 <p>MPSM12-DL*</p> <p>L-bracket for (2) MPS12U lights, side-by-side</p>	 <p>MPSM12-DS*</p> <p>L-bracket for (2) MPS12U lights, stacked</p>	 <p>MPSM12-LB*</p> <p>L-bracket for (1) MPS12U light</p>	 <p>MPSM12-SB</p> <p>Swivel mount bracket for (1) MPS12U light</p>
 <p>MPSM12U-SPACRKT*</p> <p>Kit of four 5-degree rubber mounting wedges for use with MPS12U lights</p>	 <p>MPSUMA12-1</p> <p>40° angled bezel for (1) MPS12U light, Chrome; -3 (Black)</p>	 <p>MPSM12U-PLN</p> <p>Pylon mount bezel for (1) MPS12U light</p>	 <p>MPSM12U-FRD23DTL</p> <p>Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/MPS12U light, Ford F-150, 2023</p>	 <p>MPSM12U-FRD23DTL2</p> <p>Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/MPS12U light and (1) MPS3U/MPS6U light, Ford F-150, 2023</p>

* Stock model

Effective January 22, 2024

MicroPulse® C Series



- Low-profile perimeter light
- Single- and dual-color models
- (27) single-color or (18) dual-color flash patterns
- Black surface mount bezel and stud mount standard
- Compliance: SAE J595 Class 1 (single-color), SAE J595 Class 2 (dual-color), SAE J845 Class 2 (single-color), SAE J845 Class 3 (dual-color), CCR Title 13, IP67
- Five-year warranty

Model	Description
MPSC-A*	Single-color, (6) Amber LEDs
MPSC-B	Single-color, (6) Blue LEDs
MPSC-R	Single-color, (6) Red LEDs
MPSC-W	Single-color, (6) White LEDs
MPSC2-AW*	Dual-color, (8) Amber/White LEDs
MPSC2-BW	Dual-color, (8) Blue/White LEDs
MPSC2-RB	Dual-color, (8) Red/Blue LEDs
MPSC2-RW	Dual-color, (8) Red/White LEDs

Accessories

MPSMC-1	Chrome bezel for (1) MicroPulse C Series
MPSMC-2	White bezel for (1) MicroPulse C Series

Common Replacement Part

MPSMC-3	Black bezel for (1) MicroPulse C Series
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L-bracket for (1) MicroPulse C Series

Swivel mount bracket for (1) MicroPulse C Series

* Stock model

MicroPulse® 650/652

- Low-profile hood/grill mount perimeter light
- Single- and dual-color models
- (19) flash patterns
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1, SAE J845 Class 1, IP67
- Five-year warranty



Model	Description
MPS650-AA*	Single-color, (6) Amber/Amber LEDs
MPS650-BB	Single-color, (6) Blue/Blue LEDs
MPS650-RR	Single-color, (6) Red/Red LEDs
MPS650-WW	Single-color, (6) White/White LEDs
MPS652-BR	Dual-color, (12) Blue/Red LEDs
MPS652-BW	Dual-color, (12) Blue/White LEDs
MPS652-RW	Dual-color, (12) Red/White LEDs
MPS652-WA*	Dual-color, (12) White/Amber LEDs

* Stock model

Effective January 22, 2024

416300 Series

- Flush mount perimeter light
- Single- and dual-color models
- (17) flash patterns
- Multi-voltage, 12/24 Vdc (dual-color only)
- IP67 rated for protection against dust and water
- Five-year warranty



Model	Description
416300-A*	Single-color, (3) Amber LEDs
416300-B	Single-color, (3) Blue LEDs
416300-R	Single-color, (3) Red LEDs
416300-W	Single-color, (3) White LEDs
416300-AW*	Dual-color, (6) Amber/White LEDs
416300-BA*	Dual-color, (6) Blue/Amber LEDs
416300-BW	Dual-color, (6) Blue/White LEDs
416300-RA*	Dual-color, (6) Red/Amber LEDs
416300-RB	Dual-color, (6) Red/Blue LEDs
416300-RW	Dual-color, (6) Red/White LEDs

Accessories

416301	L-bracket kit for use with single-color models only
416302	Grommet kit, mounts (2) 416300 series in bottom of liftgate panel for auxiliary rear warning when liftgate is open, Chevrolet Tahoe, 2021-2023



* Stock model

416900Z/416910Z Series

- Low-profile perimeter light
- Single- and dual-color models
- Two mounting options; bezel for surface mounting or can be installed in a head lamp
- (19) flash patterns
- Black bezel standard; Chrome or White bezel optional
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 2 (Amber, Red), SAE J595 Class 3 (Blue, White), SAE J845 Class 1 (Red), DAE J845 Class 2 (Amber/White), SAE J845 Class 3 (Blue), IP67
- Five-year warranty



Model	Description
416910Z-A*	Single-color, Amber
416910Z-B	Single-color, Blue
416910Z-R	Single-color, Red
416910Z-W	Single-color, White
416900Z-AW*	Dual-color, Amber/White
416900Z-BA*	Dual-color, Blue/Amber
416900Z-BW	Dual-color, Blue/White
416900Z-RA*	Dual-color, Red/Amber
416900Z-RB	Dual-color, Red/Blue
416900Z-RW	Dual-color, Red/White
Accessories	
416900-BZC	Chrome bezel for 416900Z/416910Z Series
416900-BZW	White bezel for 416900Z/416910Z Series

* Stock model

Effective January 22, 2024

FireRay® LED

- Exterior perimeter light available in four sizes
- Single-, split-, and dual-color models
- (13) flash patterns and up to (4) flashing modes
- Black or Chrome bezel optional
- Compliance: SAE J595 Class 1, SAE J845 Class 1, CCR Title 13, IP67
- Five-year warranty



FR6A1-A



Model	Description
4x3 Models	
FR4C-A*	Single-color, Amber LEDs, Clear lens
FR4C-AW*	Split-color, Amber/White LEDs, Clear lens
6x4 Models	
FR6A1-A*	Single-color, Amber LEDs, Amber lens
FR6B1-B	Single-color, Blue LEDs, Blue lens
FR6R1-R	Single-color, Red LEDs, Red lens
FR6C1-A*	Single-color, Amber LEDs, Clear lens
FR6C1-B	Single-color, Blue LEDs, Clear lens
FR6C1-R	Single-color, Red LEDs, Clear lens
FR6C1-W	Single-color, White LEDs, Clear lens
FR6C2-AW*	Dual-color, Amber/White LEDs, Clear Lens
FR6C2-BA*	Dual-color, Blue/Amber LEDs, Clear Lens
FR6C2-BW	Dual-color, Blue/White LEDs, Clear Lens
FR6C2-RA*	Dual-color, Red/Amber LEDs, Clear Lens
FR6C2-RB	Dual-color, Red/Blue LEDs, Clear Lens
FR6C2-RW	Dual-color, Red/White LEDs, Clear Lens



FR7A1-A*



FR9A1-A

* Stock model

FireRay® LED—Continued

Model	Description
7x3 Models	
FR7A1-A*	Single-color, Amber LEDs, Amber lens
FR7R1-R	Single-color, Red LEDs, Red lens
FR7C1-A*	Single-color, Amber LEDs, Clear lens
FR7C1-B	Single-color, Blue LEDs, Clear lens
FR7C1-R	Single-color, Red LEDs, Clear lens
FR7C1-W	Single-color, White LEDs, Clear lens
FR7C2-AW*	Dual-color, Amber/White LEDs, Clear Lens
FR7C2-BA	Dual-color, Blue/Amber LEDs, Clear Lens
FR7C2-BW	Dual-color, Blue/White LEDs, Clear Lens
FR7C2-RB	Dual-color, Red/Blue LEDs, Clear Lens
FR7C2-RW	Dual-color, Red/White LEDs, Clear Lens
9x7 Models	
FR9A1-A	Single-color, Amber LEDs, Amber lens
FR9B1-B	Single-color, Blue LEDs, Blue lens
FR9R1-R	Single-color, Red LEDs, Red lens
FR9C1-A	Single-color, Amber LEDs, Clear lens
FR9C1-B	Single-color, Blue LEDs, Clear lens
FR9C1-R	Single-color, Red LEDs, Clear lens
FR9C1-W	Single-color, White LEDs, Clear lens
FR9C2-AW	Dual-color, Amber/White LEDs, Clear Lens
FR9C2-BW	Dual-color, Blue/White LEDs, Clear Lens
FR9C2-RB	Dual-color, Red/Blue LEDs, Clear Lens
FR9C2-RW	Dual-color, Red/White LEDs, Clear Lens
Accessories	
FR4MB	4x3 trim bezel, Black
FR4MC	4x3 trim bezel, Chrome
FR6MB	6x4 trim bezel, Black
FR6MC	6x4 trim bezel, Chrome
FR7MB	7x3 trim bezel, Black
FR7MC	7x3 trim bezel, Chrome
FR9MB	9x7 trim bezel, Black
FR9MC	9x7 trim bezel, Chrome



FR7A1-A with Chrome Bezel



FR9A1-A with Chrome Bezel

* Stock model

Effective January 22, 2024

SignalTech® LED Lights

- 4" round and 6" oval LED lights
- 2" and 2.5" side marker/clearance LED lights
- 1.5" indicator light in Red flashing and steady
- Kits includes LED light, rubber mount grommet, and sealed wired harness
- Compliance: SAE J595 Class 1, CCR Title 13, FMVSS 108, SAE J593, SAE J1398
- Three-year warranty



Model	Description
Flashing Models	
4-inch Round LED light kits, 12/24 Vdc	
607123-02SB*	PAR 36, Amp harness, Amber
607123-03SB*	PAR 36, Amp harness, Blue
607123-04SB*	PAR 36, Amp harness, Red
607123-05SB*	PAR 36, Amp harness, White
6-inch Oval LED light kit, 12/24 Vdc	
607101-02SB*	Amp harness, Amber
607101-03SB*	Amp harness, Blue
607101-04SB*	Amp harness, Red
607101-05SB*	Amp harness, White
S/T/Turn/Backup/Marker Light Models	
4-inch Round LED light kits, 12/24 Vdc	
607100-04SB*	Stop/Tail/Turn light, Amp harness, Red
607102-02SB*	Turn light, Amp harness, Amber
607124-05SB*	Backup light, Amp harness, White
607124-05SB-DEU*	Backup light, Amp harness, weather tight connector, White
6-inch Oval LED light kits, 12/24 Vdc	
607105-04SB*	Stop/Tail/Turn light, Amp harness, Red
607106-02SB*	Turn light, Amp harness, Amber
607125-05SB*	Backup light, Amp harness, White
607130-45SB*	Combo Stop/Tail/Turn and Backup, Red and White
Side Marker/Clearance light kits, 12 Vdc	
607119-02SB*	2-inch round, Amp harness, Amber
607119-04SB*	2-inch round, Amp harness, Red
607120-02SB*	2.5-inch round, PL10 harness, Amber
607120-02SB-AMP*	2.5-inch round, Amp harness, Amber
607120-04SB*	2.5-inch round, PL10 harness, Red
607120-04SB-AMP*	2.5-inch round, Amp harness, Red
Indicator Light	
607121-04SB*	1.5-inch flashing and steady, Red
Accessories and Kits	
605523-02SB*	4-inch round flashing LED light head, Amber; -03SB(Blue); -04SB(Red)
605501-02SB*	6-inch oval flashing LED light head, Amber; -03 SB(Blue); -04SB(Red)
605520SB*	4-inch round Kit, rubber mounting grommet
605510SB*	6-inch oval Kit, rubber mounting grommet
605500SB*	Sealed wire harness for flashing LED light heads
607109SB*	Sealed wire harness for S/T/T and Turn LED light heads
605530SB*	2.5-inch round mounting grommet

* Stock model

Latitude™

- LED flashing warning light
- Available in 4-head, 6-head and 8-head models
- Innovative co-extrusion, polycarbonate housing provides moisture resistance; compatible with SignalMaster™ brackets
- (10) flash patterns (does not include directional signals)
- Compliance: SAE J595 Class 1, SAE J845 Class 2 (Amber, Blue), CCR Title 13
- Five-year warranty



Model	Description
SL4F-A	(4) Amber light heads, A-A-A-A
SL6F-A	(6) Amber light heads, A-A-A-A-A-A
SL6F-AW	(3) Amber light heads, (3) White light heads, A-W-A-W-A-W
SL8F-A	(8) Amber light heads, A-A-A-A-A-A-A-A
SL8F-AW	(4) Amber light heads, (4) White light heads, A-W-A-W-A-W-A-W
Notes	
<ul style="list-style-type: none"> • Latitude SignalMaster models on page 36 • Mounting brackets on page 36 	

Effective January 22, 2024

XStream®

- Low-profile design
- Operates as a single-, dual-, or tri-color light head
- Available in single-head and dual-head models
- Black polycarbonate housing
- Each model features two recessed buttons, one to change the flash pattern and another for color mode
- (25) flash patterns
- Versatile mounting brackets and three different length snap-on flash guards included
- Compliance: SAE J595 Class 1, SAE J845 Class 1, CCR Title 13
- Five-year warranty



Model	Description
Single-head with wire leads	
XSM1-BRA-US	Blue/Red/Amber
XSM1-BRW-US	Blue/Red/White
XSM1-BWA-US	Blue/White/Amber
XSM1-RWA-US	Red/White/Amber
XSM1-WAG-US	White/Amber/Green
Dual-head with wire leads	
XSM2-BRA-US	Blue/Red/Amber-Blue/Red/Amber
XSM2-BRW-US	Blue/Red/White-Blue/Red/White
XSM2-BWA-US	Blue/White/Amber-Blue/White/Amber
XSM2-RWA-US	Red/White/Amber-Red/White/Amber
XSM2-WAG-US	White/Amber/Green-White/Amber/Green

Model	Description
Accessories and Kits	
XSMBKT01	Slip-on visor mount kit for use with single- or dual-head models
XSMBKT02	Adjustable, swivel mount for single- or dual-head models
XSMBKT03	Universal headliner mount bracket for single- or dual-head models
XSMBKT10	Driver and passenger visor mount kit for use with (1) single- or dual-head Xstream, with mounting holes for front and rear facing cameras, Ford F-150, 2015-2022, Ford F-250/350/450/550 Super Duty, 2017-2022, Ford Expedition, 2018-2023, Ford Lightning, 2022-2023
XSMBKT12	Driver and passenger visor mount kit for use with (1) single- or dual-head Xstream, with mounting holes for front and rear facing cameras, Dodge Durango, 2011-2023
Z205003	Rubber extrusion



Each model includes light head, (2) suction-cups, bail and pivot brackets, mounting hardware and three different length snap-on flash guards.





SpectraLux® ILS Low-Profile Center-Focused

- Slim internal lighting system reduces windshield obstruction and improves driver visibility
- Tri-color capability with LEDs offered in Amber, Blue, Green, Red, and White
- Vehicle-specific shrouds to prevent flashback for most common vehicle applications
- Discrete cable or serial interface module available for use in traditionally-wired applications
- (26) flash patterns
- Compliance: SAE J595 Class 1 (Amber, Blue, Red, White), SAE J845 Class 1 (Amber, Blue, Red, White), CCR Title 13
- Five-year warranty



Model	Description
Chevrolet® Silverado® 2019+	
SIFMS-AMBR2CS	Split front headliner, Amber/White, discrete cable
SIFMJS-AMBR2CS6	Split front headliner, Amber/White, six-button controller
Ford® F150–F550 2017+	
SIFMS-AMBR2FF	Split front headliner, Amber/White, discrete cable
SIFMJS-AMBR2FF6	Split front headliner, Amber/White, six-button controller
Universal Mount	
SIFMS-AMBR2UM	Split front headliner, Amber/White, discrete cable
SIFMJS-AMBR2UM6	Split front headliner, Amber/White, six-button controller

Effective January 22, 2024

Commander® Flex Compartment Light

- Exterior / Interior mounted flexible strip lighting
- 1/2" wide
- 3M™ acrylic foam tape on back for easy installation; mounting clips and screws included
- IP67 rated for protection against dust and water
- Three-year warranty



Model	Description
COMFLEX-9*	9-inch, White LEDs
COMFLEX-18*	18-inch, White LEDs
COMFLEX-27*	27-inch, White LEDs
COMFLEX-36*	36-inch, White LEDs
COMFLEX-45*	45-inch, White LEDs
COMFLEX-54*	54-inch, White LEDs
COMFLEX-63*	63-inch, White LEDs

Commander® 5" Compartment Light

- Low-profile, surface mount rectangular interior light—less than 3/4" thick
- Durable polycarbonate housing and sealed Clear lens
- Five-year warranty



Model	Description
COMINT5-W*	(9) White LEDs, Clear lens, 380 Lumen, surface mount

* Stock model

DFC Push Bumper Series

- Quick and simple installation
- Center bar pre-drilled for additional accessory mounting
- Simple, single MPS6U top channel mounting bracket for ease of assembly
- Manufactured with HRPO steel
- Black, textured powder coat for resistance against scratches and scuffs
- 7-gauge steel, pre-drilled side uprights and lower guards for MPS6U mounting
- Mounting kit and hardware included
- Three-year warranty



Model	Description
Push Bumper	
DFC-PB-FRD21	Push Bumper, 2021-2023 Ford F150
Top Channels (Must order 1 with each push bumper)	
DFC-TC2L-2	Two-light top-channel for Ford F150 push bumper, use with MPS6U lights (lights sold separately)
DFC-TC4L-2	Four-light top-channel for Ford F150 push bumper, use with MPS6U lights (lights sold separately)
DFC-TCP-2	Solid top-channel for Ford F150 push bumper
Accessories	
DFC-LG-FRD21	Lower guards for use with 2021-2023 Ford F150 push bumper
DFC-UG-FRD21	Upper guards for use with 2021-2023 Ford F150 push bumper
DFC-WC-FRD21	Wire covers for use with 2021-2023 Ford F150 push bumper

Effective January 22, 2024

NightSpire®

- Adjustable spot to flood capability
- 360° of continuous rotation
- 130° of vertical tilt
- Can pair up to three units on one controller
- Designed to operate in -40° to +176 F (-40° to +80°C) environments
- Wireless Bluetooth controller; backlit controller buttons when activated
- 3,100 raw lumen output
- IP69K — Maximum protection from dust and water
- Five-year warranty



Model	Description
NS200-P*	Permanent/1-inch pipe mount, wireless Bluetooth controller
NS200-M*	Magnet mount, accessory plug, wireless Bluetooth controller
Accessories	
200NS-TALL	Branch guard
NSCTRL-BKT*	Dash mount bracket, wireless controller
Z864901329	Bracket kit for mounting to Allegiant®/Integrity®/Legend®
Common Replacement Parts	
NSCTRL-1	Wireless controller
Z843303374A	Clear dome



NightSpire mounted on Allegiant with Z864901329 bracket kit

* Stock model

ICON™ Snow Plow Headlight

- Dual-post mount for added vibration resistance
- Hard coated polycarbonate lens for increased scratch resistance
- Heated glass lens for automatic snow melting
- Low beam/high beam override, parking light, and front/side turn signal
- Compliance: FMVSS108 compliant, SAE J222, SAE J588, SAE J914
- Three-year warranty



Model	Description
ICSSPL-P	LED snow plow headlight, pair
Accessories	
SPLCABLE-1	Adapter cables, BOSS™, pair
SPLCABLE-2	Adapter cables, Buyers SnowDogg®, pair
SPLCABLE-3	Adapter cables, FISHER®/WESTERN®, pair



Low Beam / High Beam



Front Turn Signal Light



Side Turn Signal Light



Parking Light



SPLCABLE-1



SPLCABLE-2



SPLCABLE-3

Effective January 22, 2024

ICON™ Work Light

- High-powered LED work light available in round or square housing
- Die-cast aluminum housing and polycarbonate lens
- Adjustable vertical and horizontal mounts
- Stainless steel U-bracket and hardware
- Multi-voltage, 12/24 Vdc
- Compliance: IP67, RoHS, CE, CISPR 25 Class 3
- Three-year warranty



Model	Description
ICS3-RND*	3-inch, 1100 Lumen, Round
ICS3-SQ*	3-inch, 1100 Lumen, Square
ICS35-RND*	3.5-inch, 1440 Lumen, Round
ICS35-SQ*	3.5-inch, 1330 Lumen, Square
ICS43-RND*	4.3-inch, 2200 Lumen, Round
ICS43-SQ*	4.3-inch, 2700 Lumen, Square



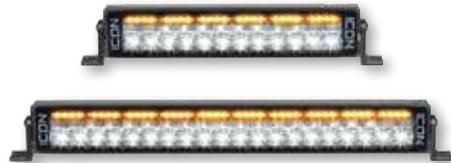
ICS3-SQ
ICS35-SQ
ICS43-SQ



ICS3-RND
ICS35-RND
ICS43-RND

ICON™ Utility Bar

- High-powered LED, multi-function utility light
- Unique flood/spotlight with Amber warning and Amber or White cruise light
- Bezel-less frame to reduce dirt/snow/ice accumulation
- Die-cast aluminum housing and UV-coated polycarbonate lens
- Adjustable mounting brackets and stainless hardware
- Multi-voltage, 12/24 Vdc
- Compliance: SAE J595 Class 1, RoHS, CE, IP68/IP69K
- Three-year warranty



Model	Description
ICSPL13-AW*	13-inch utility bar, White flood/spot, Amber warning, 4200 Lumen
ICSPL21-AW*	21.5-inch utility bar, White flood/spot, Amber warning, 6475 Lumen

* Stock model

ICON™ Tow Winch Light

- Low-profile LED tow work light bar
- 6,650 effective lumens
- Combination flood/spot light with (24) LEDs
- Aluminum extruded light head
- Hard-coated polycarbonate lens
- Powder-coated steel bracket and mounting bolts
- 2-pin automotive connector
- Multi-voltage, 12/24 Vdc
- IP67 rated for protection against dust and water
- Three-year warranty



Model	Description
ICSPL24-WL	White LED tow work light bar

COM7/COM9 Scene Lights

COM7

- High-powered LED scene light
- Compact design for effective floodlight solution
- 890 effective lumen output
- Models available with Black, Chrome, or White polycarbonate bezels
- Weatherproof and vibration resistant
- Multi-voltage, 12/24 Vdc
- Five-year warranty

COM9

- High-powered LED scene light
- Curved design to maximize floodlight coverage
- 1460 effective lumen output
- Models available with Black or White die-cast aluminum housing
- Weatherproof and vibration resistant
- Multi-voltage, 12/24 Vdc
- Five-year warranty



COM7-C

Model	Description
COM7-B*	COM7 scene light, Black bezel
COM7-C*	COM7 scene light, Chrome bezel
COM7-W*	COM7 scene light, White bezel
COM9-B*	COM9 scene light, Black housing
COM9-W*	COM9 scene light, White housing



COM7-B



COM7-W



COM9-B



COM9-W

* Stock model

Effective January 22, 2024

2012 Series Backup Alarm

- Available in 87 dB(A), 97 dB(A), and 102 dB(A)
- Steam-cleanable and pressure-washable
- Epoxy-encapsulated
- Multi-voltage, 12/24 Vdc
- Three-year warranty



Model	Description
Stud terminal, 12/24 Vdc	
210239-S*	97 dB(A), SAE J994 Type C
210240-S*	102 dB(A), SAE J994 Type F
Wired, 12/24 Vdc	
210238-W*	87 dB(A), SAE J994 Type D
210239-W*	97 dB(A), SAE J994 Type C
210240-W*	102 dB(A), SAE J994 Type F

Evacuator® Plus Backup Alarm

- Dual-tone function (pulse or constant)
- Universal mounting bracket included
- Unique Piezo-electric design incorporates a tear-free Mylar® speaker cone that is impervious to moisture
- Multi-voltage, 12-48 Vdc
- Three-year warranty



Model	Description
210330SSG*	87 dB(A), SAE J994 Type D
210331SSG*	97 dB(A), SAE J994 Type C
210333SSG*	107 dB(A), SAE J994 Type B
210335SSG*	112 dB(A), SAE J994 Type B

* Stock model

Reverse Camera Systems

- AHD Sony® CCD camera for outstanding image quality
- 5.6" and 7" color AHD monitors available
- Versatile solution that works with a variety of applications
- Multiple camera cable lengths available
- IP68 rated for protection against dust and water (Cameras)
- Multi-voltage, 12/24 Vdc
- Two-year limited warranty



CAMSET56-AHD-NTSC2-SB



CAMSET70-AHD-NTSC4

Model	Description
Systems	
CAMSET56-AHD-NTSC2-SB	5.6-inch monitor with two-camera input, (1) standard rear-view camera and (1) 65.5-ft camera-to-monitor extension cable
CAMSET70-AHD-NTSC4	7.0-inch monitor with four-camera input, (1) standard rear-view camera, and (1) 65.5-ft extension cable
Monitors — Camera cables not included	
CAMLCD-AHD-56-SB	5.6-inch TFT-LCD monitor with two-camera input integrated control box without split-screen capability
CAMLCD-AHD-70	7.0-inch TFT-LCD monitor with four-camera input integrated control box with split-screen capability
Cameras — Camera cables not included	
CAMAHD-BALLNTSC	Ball CCD camera with night vision and audio, NTSC compatible
CAMAHD-REARNTSC	Standard rear-view CCD camera with night vision and audio, NTSC compatible
CAMAHD-SIDENTSC	Side-view CCD camera with night vision and audio, NTSC compatible
Cables	
CAMCABLE-5	5-m/16.5-ft camera-to-monitor extension cable
CAMCABLE-10	10-m/33-ft camera-to-monitor extension cable
CAMCABLE-15	15-m/49-ft camera-to-monitor extension cable
CAMCABLE-20	20-m/65.5-ft camera-to-monitor extension cable
CAMCABLE-40	40-m/131-ft camera-to-monitor extension cable
Accessories	
CAMADP-EXT	Camera cable adapter for connecting (2) extension cables together
CAMADP-RCA-IN	System adapter for connecting RCA to monitor or DVR
CAMADP-RCA-OUT	System adapter for connecting camera to external RCA input
CAMLCD-BRACKET	Mounting bracket, monitor
Common Replacement Parts	
CAMADP-AHD-2-SB	Replacement wiring harness, CAMLCD-AHD-56-SB
CAMADP-AHD-4	Replacement wiring harness, CAMLCD-AHD-70
CAMBRK-HD	Replacement monitor mount

Effective January 22, 2024

Ford F-150

Model	Description
Roof Mount Light Bars & Accessories	
ALGT53JZ-AMBR3H6C	Allegiant® Serial, 53-inch, FSJoin®, Amber/White, work lights, takedowns, alley lights, front/rear flood, SignalMaster™, hook mount, Clear domes, six-button controller
RLNT48Z-AMBR3H4	Reliant™, 48-inch, Amber/White, front flood, alley lights, SignalMaster, hook mount, Clear domes, four-button controller
HKB-UNH5	Hook mount kit, 51- and 53-inch light bars standard height foot, 2015-2023
HKB-UNH6	Hook mount kit, 44, 45- and 48-inch light bars standard height foot, 2015-2023
210960-54	Roof mount bar, 54-inch
UNHK	Roof mount bar kit, hook mount feet (requires HKB hook kit)
210962SSG	Roof mount bar kit, roof mount bar endcaps
210961SSG	Roof mount bar kit, mounting plate, Spire®/NightSpire®
454219	Roof mount bar kit, mounting plate, HighLighter® Elite
A21219	Roof mount bar kit, mounting plate, 21-inch Allegiant
Grille Light Brackets	
MPSM6-GRL1	Pair of grille brackets, each bracket holds (1) MPS3U/MPS6U light, fits vehicles with a mesh grille
IPX-GRL14	Pair of grille brackets, horizontal mount, no drill, each bracket holds (1) MPS3U/MPS6U light, Ford-150, 2018-2023 (will work on lower trim level grilles on XL and XLT models)
Hood Mount Lights	
MPS652-WA	MicroPulse® 652, dual-color, Amber/White
Interior Front Headliner	
SIFMJS-AMBR2FF6	SpectraLux® ILS low-profile, center-focused, split front headliner, Amber/White, six-button controller
Side Mirror Brackets	
MPSMW9-FRD21MIR	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford F-150 (non-towing mirrors), 2021-2023
Rocker Panel Brackets	
MPSM3-LB	L-bracket to mount (1) MPS3U light to the rocker trim
MPSM6-LB	L-bracket to mount (1) MPS6U light to the rocker trim
Running Board Brackets	
MPSM6-FRD15RB	(6) Running board brackets, each bracket holds (1) MPS6U light, Ford F-150, 2015-2023 (Includes XL and XLT trim levels with OEM running boards)
MPSM6U-FD15UPRB	(6) Upper running board brackets, each bracket holds (1) MPS6U light, Ford F-150, 2015-2023 (Includes XL and XLT trim levels with OEM running boards)
Taillight Brackets	
MPSM12U-FRD23DTL	Pair of rear taillight drill-less brackets, each bracket holds (1) MPS6U/MPS12U light, Ford F-150, 2023
MPSM12U-FRD23DTL2	Pair of rear taillight drill-less brackets, each bracket holds (1) MPS6U/MPS12U light and (1) MPS3U/MPS6U light, Ford F-150, 2023
Interior Rear Window Mounts	
MPSM6U-WIN	Adhesive mount for (1) MPS6U light; kit includes 90°, 67°, 46°, and 30° shrouds
MPSM6U-WIN46-12	Adhesive mount for (12) MPS6U lights, kit includes 46-degree shrouds
SLB-FRD15ND	8-head bracket, CN SignalMaster or Latitude™, no drill, Ford F-150 2015-2023
Push Bumper & Accessories	
DFC-PB-FRD21	DFC Push Bumper, Ford F-150, 2021-2023
DFC-UG-FRD21	Upper guards, DFC Push Bumper, Ford F-150, 2013-2023
DFC-TC2L-2	Top channel, two-light, DFC Push Bumper, Ford F-150, 2021-2023, holds (2) MPS6U lights
DFC-TC4L-2	Top channel, four-light, DFC Push Bumper, Ford F-150 2021-2023, holds (4) MPS6U lights
ICS43-RND	ICON™ Work Light, 4.3-inch, 2200 Lumen, round
ICS43-SQ	ICON Work Light, 4.3-inch, 2700 Lumen, square
ICSPL13-AW	ICON Utility Bar, 13-inch, 4202 Lumen, White flood/spot, Amber warning
ICSPL21-AW	ICON Utility Bar, 21.5-inch, 6475 Lumen, White flood/spot, Amber warning

Chevrolet Silverado

Model	Description
Roof Mount Light Bars & Accessories	
ALGT53JZ-AMBR3H6C	Allegiant® Serial, 53-inch, FSJoin®, Amber/White, work lights, takedowns, alley lights, front/rear flood, SignalMaster™, hook mount, Clear domes, six-button controller
RLNT48Z-AMBR3H4	Reliant™, 48-inch, Amber/White, front flood, alley lights, SignalMaster, hook mount, Clear domes, four-button controller
HKB-UNH2	Hook mount kit, 51- and 53 inch light bars standard height foot, 2019-2024
HKB-UNH3	Hook mount kit, 44-, 45-, 46-, and 48-inch light bars standard height foot, 2019-2024
210960-46	Roof mount bar, 46-inch
UNHK	Roof mount bar kit, hook mount feet (requires HKB hook kit)
210962SSG	Roof mount bar kit, roof mount bar endcaps
210961SSG	Roof mount bar kit, mounting plate, Spire®/NightSpire®
454219	Roof mount bar kit, mounting plate, HighLighter® Elite
A21219	Roof mount bar kit, mounting plate, 21-inch Allegiant
Grille Light Bracket	
MPSM6-LB	Generic L-bracket for (1) MPS6U light
Hood Mount Lights	
MPS652-WA	MicroPulse® 652, dual-color, Amber/White
Interior Front Headliner	
SIFMJS-AMBR2CS6	SpectraLux® ILS low-profile, center-focused, split front headlines, Amber/White, six-button controller
Side Mirror Brackets	
MPSMW9-SIL19MIR	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Silverado, 2019-2024
Rocker Panel Brackets	
MPSM3-LB	L-bracket to mount (1) MPS3U light to the rocker panel
MPSM6-LB	L-bracket to mount (1) MPS6U light to the rocker panel
Interior Rear Window Mounts	
MPSM6U-WIN	Adhesive mount for (1) MPS6U light; kit includes 90°, 67°, 46°, and 30° shrouds
MPSM6U-WIN46-12	Adhesive mount for (12) MPS6U light; kit includes 46° shrouds
SLB-SIL19ND	8-head bracket, CN SignalMaster or Latitude™, no drill, Chevrolet Silverado, 2019-2024
Rear Spoiler Brackets	
MPS6U-SIL19RS6	Rear spoiler bracket kit for (3) MPS6U lights on each side, Chevrolet Silverado, 2019-2024

LIMITED WARRANTY TERMS AND CONDITIONS

Effective January 22, 2024

Federal Signal Corporation ("Federal Signal"), subject to the terms, conditions and exceptions contained herein, warrants each NEW product to be free from defects in material and workmanship, under normal and proper use, care, maintenance and required service only. Start of Warranty, Warranty periods and exceptions to the foregoing Limited Warranty are contained on the Schedule of Products included in this document and are subject to change at the sole discretion of Federal Signal.

SPECIFIC EXCLUSIONS AND EXCEPTIONS

This Limited Warranty does NOT apply nor is it extended to products that are not manufactured by Federal Signal. These products may be covered by a separate limited warranty provided by the particular manufacturer and all claims and questions regarding the same are to be directed to the particular manufacturer. Goods sourced by Seller from a third party for resale to Buyer shall carry only the warranty extended by the original manufacturer.

Domes, lenses, lamps and batteries installed on Federal Signal products are specifically excluded. Repair or replacement of any product(s) or part(s) under this warranty does NOT extend the term of this warranty, and such product(s) or part(s) shall remain covered by the unexpired portion of the warranty period or for ninety (90) days from the date of return to Federal Signal, whichever is later. This limited warranty applies ONLY to the initial or first installation of the product. This limited warranty shall not apply to products (1) that have been subjected to neglect, abuse, misuse, improper installation, inadequate maintenance, or damage due to improper use of cleaning or cleaning materials or chemicals, or non-compliance with Federal Signal's storage, installation, operation, maintenance or environmental requirements; (2) that have undergone any modification or repair not previously authorized by Federal Signal in writing, or service, repair or modification by or from any facility other than an authorized Federal Signal service center or technician, or that use non-authorized software or spare or replacement parts; or (3) that fail due to reasonable and normal use or wear and tear, or materials made, furnished or specified by the Buyer or end user.

During the specific warranty periods set forth below, Federal Signal will, at its sole option, repair or replace the product(s) or particular part(s) that are found to be defective in either material or workmanship or, in its sole discretion refund the purchase price for such product(s) or part(s), which are returned or delivered, transport or shipping prepaid by the Buyer or end user, to either Federal Signal or its designated and authorized warranty service center. This limited warranty does not cover travel expenses, the cost of specialized equipment for gaining access to the product(s) or part(s), or labor charges for removal and re-installation of the product.

No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties, to extend the term or duration of this warranty, or to assume any other liability on behalf of Federal Signal in connection with the sale, servicing or repair of any product manufactured by the Federal Signal.

Federal Signal reserves the right to make design changes and improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

The use in the product of any part other than parts approved by Federal Signal may invalidate this warranty. Federal Signal reserves the right to determine, in its sole discretion, if the use of non-approved parts invalidates this warranty.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND REGARDLESS OF ANY FAILURE OF ESSENTIAL PURPOSE. ALL OTHER WARRANTIES OF WHATSOEVER KIND AND NATURE, WHETHER EXISTING IN CONTRACT OR AT LAW, ARE HEREBY AND FOREVER DISCLAIMED.

UNDER NO CIRCUMSTANCES WILL FEDERAL SIGNAL BE LIABLE OR RESPONSIBLE FOR SPECIAL, COMPENSATORY, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, LOST PROFITS, LOST SALES, OR LOSS OF USE OR LOSS OF BUSINESS OPPORTUNITY BY OR THROUGH THE USE OF THE PRODUCT. FEDERAL SIGNAL'S SOLE AND MAXIMUM LIABILITY WITH RESPECT TO THE PRODUCT, OTHER THAN ITS OBLIGATIONS SET FORTH ABOVE, SHALL BE THE TOTAL PURCHASE PRICE PAID FOR THE PRODUCT.

LIMITED WARRANTY—Schedule of Products

Effective January 22, 2024

	Warranty Period for Parts replacement from the date of manufacture stamped on the product	Warranty period for Factory Labor from the date of delivery to the first user-purchaser
STANDARD WARRANTY COVERAGE		
AUDIBLE		
Mounts, brackets, all other products not specifically listed below	3 years	3 years
Speakers	2 years	1 year
Pathway	5 years	5 years
Pathfinder	5 years	5 years
LED PRODUCTS		
All LED (Light Emitting Diode) products unless otherwise noted	5 years	5 years
LED rotating light assemblies from all light bars and beacons	5 years	5 years
MicroPulse LED lights (shipped prior to January 1, 2021)	3 years	3 years
MicroPulse LED lights (shipped on or after January 1, 2021)	5 years	5 years
416300 Series (shipped prior to January 1, 2021)	3 years	3 years
416300 Series (shipped on or after January 1, 2021)	5 years	5 years
MB1 LED Message Board	3 years	3 years
Commander Series Flex	3 years	3 years
4200S-A Perimeter Light	3 years	3 years
4200/8200S SignalMaster	3 years	3 years
SignalTech Lights	3 years	3 years
ICON Series	3 years	3 years
OTHER PRODUCTS		
Littlite Map lights	5-year warranty on LED components Limited lifetime warranty on mechanical components	5-year warranty on LED components Limited lifetime warranty on mechanical components
Reverse Camera Systems	3 years	3 years
Stinger Spike Systems	5 years	5 years
DFC Push Bumper Series	3 years	3 years
FSLink Programmer	1 year	1 year
Atkinson Dynamics Intercoms	2 years	1 year
Switch Boxes SW200, SW300, SW400SS	3 years	3 years
Note: Domes, lenses, lamps, and batteries are NOT covered under warranty.		



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