

# LIGHTS & SIRENS

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.



**Q-SIREN**® The sound of the Q-Siren® is a registered trademark of Federal Signal Corporation, and it provides a distinct, recognizable long-distance warning.



**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, five-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 light bar.



**RUMBLER**® Ideal for dense urban environments, Rumbler® is a low-frequency siren that works simultaneously with a primary siren tone to penetrate solid material allowing vehicle operators and nearby pedestrians to feel the sound waves.



**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.



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



**HOTFOOT**® lighted mounting feet accommodate LED takedown and alley lights.



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



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



**V-SHAPE**® light bar is mechanically designed to have a non-linear shape (V-Shape), providing an advantage in terms of off-axis warning performance compared to light bars with a traditional linear shape.



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. Contact the factory for pricing and availability of 24 V models.
2. A copy of the Federal Signal warranty and Terms and Conditions that accompany these products can be found at [www.fedsig.com](http://www.fedsig.com).
3. Most products are available in Amber, Blue, Red and White. Some products are available in Green. Consult product data sheets or contact the factory for more information.
4. Base models of light bars and other configured products are not available without installed options.
5. For detailed information on how to order, consult the product data sheets or contact the factory at 800-264-3578.
6. When installing equipment inside airbag equipped vehicles, the installer must ensure that the equipment is installed only in areas recommended by the vehicle manufacturer.
7. Light bars do not include controls (purchase separately) unless otherwise noted.

Effective January 22, 2024

## Light Bar Feature Comparison

	Navigator®	Vision® SLR	Allegiant® Discrete	21" Allegiant®	Allegiant® Serial	Reliant™	Valor®	Integrity®
Solaris® LED Reflector Technology	•	•	•	•	•	•	•	•
SpectraLux® Multicolor LED	•	•	•	•	•	•	•	•
ROC (Reliable Onboard Circuitry™)			•	•	•	•	•	•
FS Convergence Network	•	•	•	•	•	•	•	•
FSJoin™					•	•	•	•
SLR (Solaris® LED Rotator)	•	•						
HotFoot®*							•	
Available lengths (inches)	10, 18, 25, 45, 53, 60, 73, 87	46, 53, 60	45, 53, 61, 70	21	45, 53, 61, 70	48	44, 51	44, 51
Non-Linear / V-Shape		•					•	
Low-profile			•	•	•	•	•	•
2-Color Capability	•	•	•	•	•	•	•	•
3-Color Capability		•					•	•
LED Colors	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White	Amber, Red, White	Amber, Blue, Green, Red, White	Amber, Blue, Green, Red, White
Dome Colors	Amber, Blue, Clear, Red	Amber, Blue, Clear, Green, Red	Amber, Black, Blue, Clear, Gray, Red	Amber, Clear, Gray, Red	Amber, Black, Blue, Clear, Gray, Red	Red	Clear	Clear
LED Takedown and Alleys	•	•	•	•	•	•	•	•
LED SignalMaster™	•	•			•	•	•	•
Flood Lighting	•	•		•	•	•	•	•
Dimming	•	•	•	•	•	•	•	•
Online Configurator	•	•	•	•	•		•	•
Warranty (years)	5	5	5	5	5	5	5	5

\* HotFoot is available for use only with standard hook mounts

# Navigator®

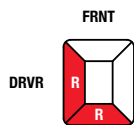


- Multiple lengths available to fit a variety of fleet applications
- SLR rotator optimizes LEDs for a true 360-degree light output
- Solaris® technology incorporated in SLR and QuadraFlare® modules
- Preconfigured models that meet NFPA 1901 and J845 Class 1, GSA-KKK-A-1822F and CCR Title 13
- LEDs available in single- and dual-color combinations of Amber, Blue, Green, Red and White
- Flood light feature illuminates the front of the vehicle and virtually eliminates the need for additional spotlights
- Five-year warranty

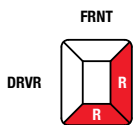


## 10" Navigator Models

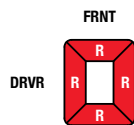
Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	Dome Color	Mirror	Convergence Network/Discrete	Mount
NVG10D-NFPA21-D	Red	●		Clear		Discrete	Flat
NVG10D-NFPA21-P	Red	●		Clear		Discrete	Flat
NVG10D-NFPA20	Red	●		Clear		Discrete	Flat
NVG10D-NFPA22-D	Red		●	Clear	Driver-Side	Discrete	Flat
NVG10D-NFPA22-P	Red		●	Clear	Passenger-Side	Discrete	Flat



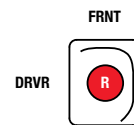
NVG10D-NFPA21-D



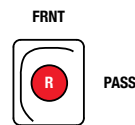
NVG10D-NFPA21-P



NVG10D-NFPA20



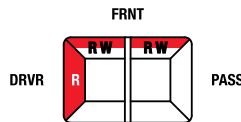
NVG10D-NFPA22-D



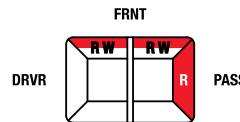
NVG10D-NFPA22-P

## 18" Navigator Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	White Light Cut-Off	Dome Color	Bulkhead Color	Convergence Network/Discrete	Mount
NVG18D-NFPA20-D	Red/White	●	●	Clear	Clear	Discrete	4-inch Riser
NVG18D-NFPA20-P	Red/White	●	●	Clear	Clear	Discrete	4-inch Riser



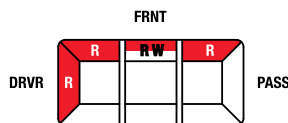
NVG18D-NFPA20-D



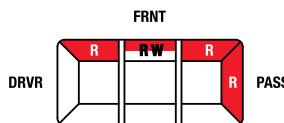
NVG18D-NFPA20-P

## 25" Navigator Models

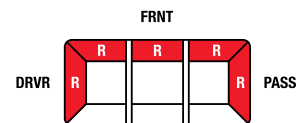
Model	Warning Light Capability	QuadraFlare Stationary Light Heads	White Light Cut-Off	Dome Color	Bulkhead Color	Convergence Network/Discrete	Mount
NVG25D-NFPA20-D	Red/White	●	●	Clear	Clear	Discrete	4-inch Riser
NVG25D-NFPA20-P	Red/White	●	●	Clear	Clear	Discrete	4-inch Riser
NVG25D-NFPA21	Red	●		Clear	Clear	Discrete	4-inch Riser



NVG25D-NFPA20-D



NVG25D-NFPA20-P

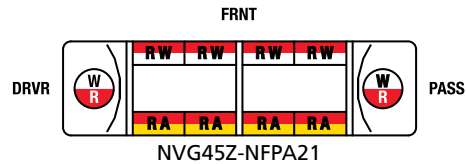
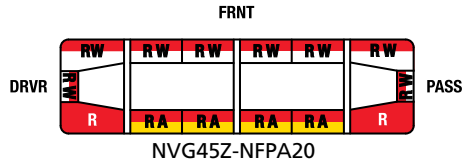


NVG25D-NFPA21

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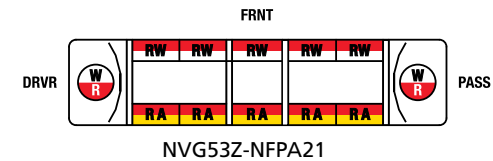
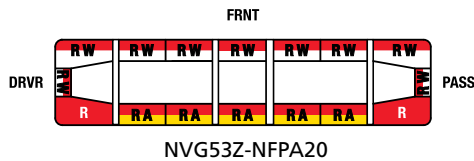
## 45" Navigator® Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	Amber LED SignalMaster™	White Light Cut-Off	Dome Color	Mirror	Bulkhead Color	Convergence Network/Discrete	Mount
NVG45Z-NFPA20	Red/White	•		•	•	•	Clear		Clear	Convergence Network	Hook
NVG45Z-NFPA21	Red/White	•	•	•	•	•	Clear	End	Clear	Convergence Network	Hook



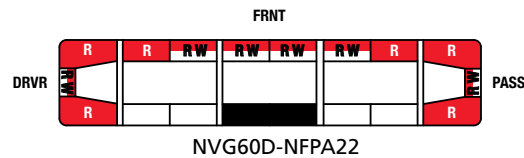
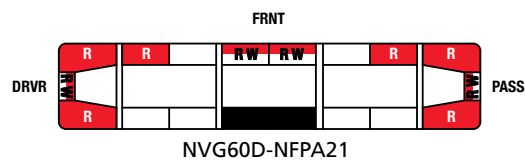
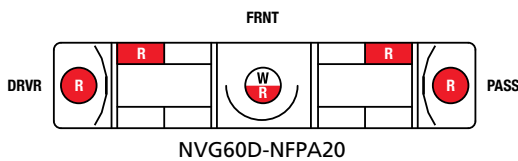
## 53" Navigator Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	Amber LED SignalMaster™	White Light Cut-Off	Dome Color	Mirror	Bulkhead Color	Convergence Network/Discrete	Mount
NVG53Z-NFPA20	Red/White	•		•	•	•	Clear		Clear	Convergence Network	Hook
NVG53Z-NFPA21	Red/White	•	•	•	•	•	Clear	End	Clear	Convergence Network	Hook



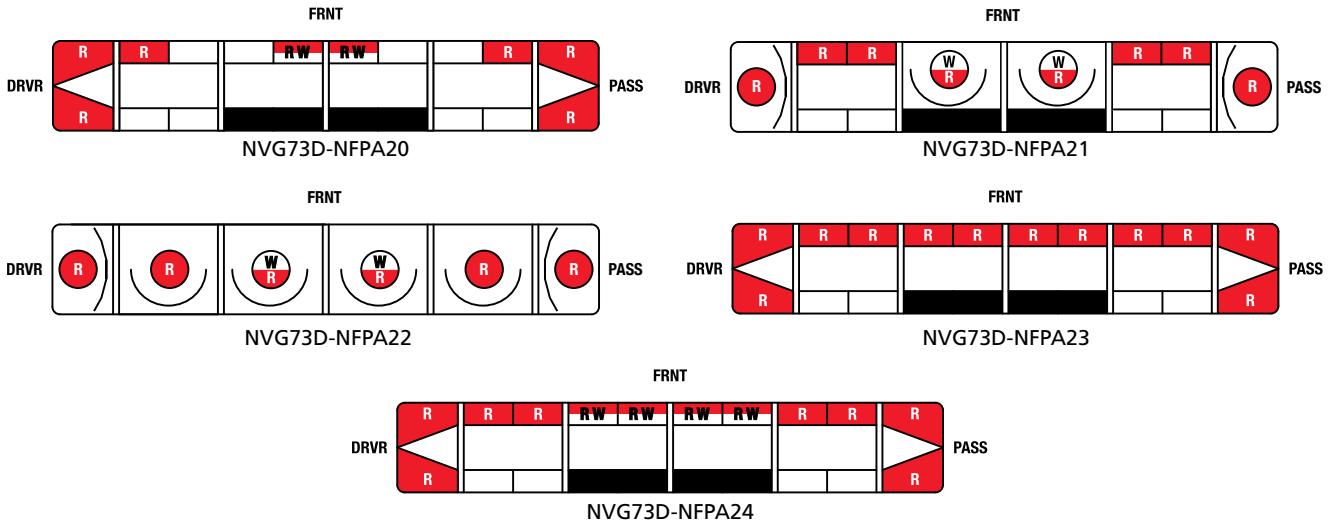
## 60" Navigator Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	White Light Cut-Off	Dome Color	Mirror	Bulkhead Color	Convergence Network/Discrete	Mount
NVG60D-NFPA20	Red/White	•	•		•	Clear	End & Rear-Blocking	Clear	Discrete	4-inch Riser
NVG60D-NFPA21	Red/White	•		•	•	Clear		Clear	Discrete	4-inch Riser
NVG60D-NFPA22	Red/White	•		•	•	Clear		Clear	Discrete	4-inch Riser



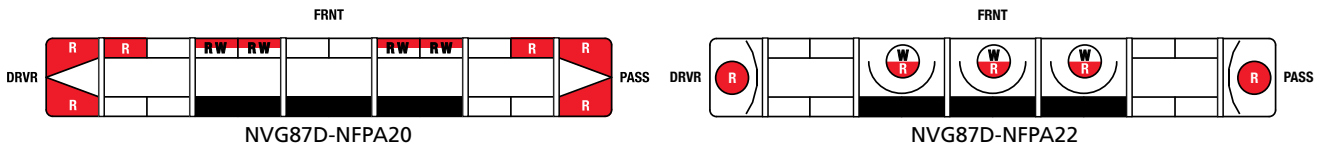
### 73" Navigator® Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	White Light Cut-Off	Mirror	Dome Color	Bulkhead Color	Convergence Network/Discrete	Mount
NVG73D-NFPA20	Red/White	•		•	•		Clear	Clear	Discrete	4-inch Riser
NVG73D-NFPA21	Red/White	•	•	•	•	End & Rear-Blocking	Clear	Clear	Discrete	4-inch Riser
NVG73D-NFPA22	Red/White		•	•	•	End & Rear-Blocking	Clear	Clear	Discrete	4-inch Riser
NVG73D-NFPA23	Red	•					Clear	Clear	Discrete	4-inch Riser
NVG73D-NFPA24	Red/White	•		•	•		Clear	Clear	Discrete	4-inch Riser



### 87" Navigator Models

Model	Warning Light Capability	QuadraFlare Stationary Light Heads	SLR Rotator	White LED Flood Light	White Light Cut-Off	Mirror	Dome Color	Bulkhead Color	Convergence Network/Discrete	Mount
NVG87D-NFPA20	Red/White	•		•	•		Clear	Clear	Discrete	4-inch Riser
NVG87D-NFPA22	Red/White		•	•	•	End & Rear-Blocking	Clear	Clear	Discrete	4-inch Riser



#### Notes

- All SLR rotators spin at 90 FPM
- Flood operation may negate NFPA compliance
- Light bar includes choice of permanent or hook-on mount kit

#### How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor

Effective January 22, 2024

## Vision® SLR — NFPA

- Distinctive “V-Shape” provides superior optical warning at critical intersection angles
- SLR rotator optimizes LEDs for a true 360-degree light output
- “Jogging” capability allows user to adjust rotator to illuminate a specific area
- “Aerial view” feature improves ability to see vehicle from a helicopter
- Individual pod replacement for easy servicing
- Available in 46", 53" and 60" lengths
- LEDs available in combinations of Amber, Blue, Green, Red and White
- Five-year warranty



Online light bar CONFIGURATOR



Model	Length	Warning Light Capability	Takedown Lights	White Light Cut-Off	Serial Interface Module	Mount
VSLR46S-NFPA1	46-inch	Red/White	Pods 3/5	•	•	Hook
VSLR46S-NFPA2	46-inch	Red/White	Pods 3/5	•	•	Hook
VSLR46S-NFPA3	46-inch	Red/White	Pods 3/5	•	•	Hook
VSLR46S-NFPA4	46-inch	Red/White	Pods 3/5	•	•	Hook
VSLR53S-NFPA1	53-inch	Red/White	Pods 3/5	•	•	Hook
VSLR53S-NFPA2	53-inch	Red/White	Pods 3/5	•	•	Hook
VSLR53S-NFPA3	53-inch	Red/White	Pods 3/5	•	•	Hook
VSLR53S-NFPA4	53-inch	Red/White	Pods 3/5	•	•	Hook
VSLR60S-NFPA1	60-inch	Red/White	Pods 3/5	•	•	Hook
VSLR60S-NFPA2	60-inch	Red/White	Pods 3/5	•	•	Hook
VSLR60S-NFPA3	60-inch	Red/White	Pods 3/5	•	•	Hook
VSLR60S-NFPA4	60-inch	Red/White	Pods 3/5	•	•	Hook

### Accessories and Kits

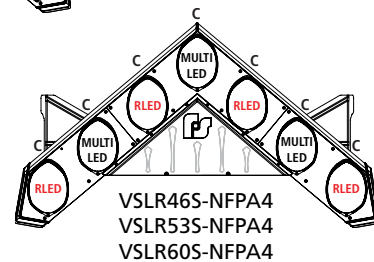
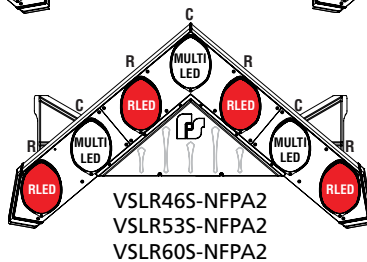
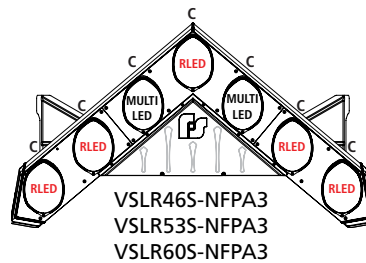
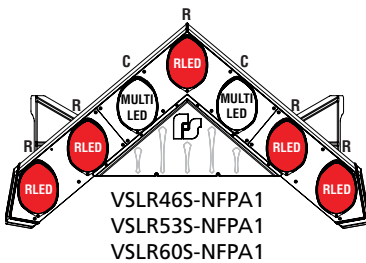
HKB-Model	Hook, required with hook-on mount, specify vehicle (see page 17)
795H-EXTB-D	795H Opticom in sealed housing with bracket for driver-side mounting
795H-EXTB-P	795H Opticom in sealed housing with bracket for passenger-side mounting

### Note

- Light bar includes choice of permanent or hook-on mount kit

### How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor





# Split Vision® SLR



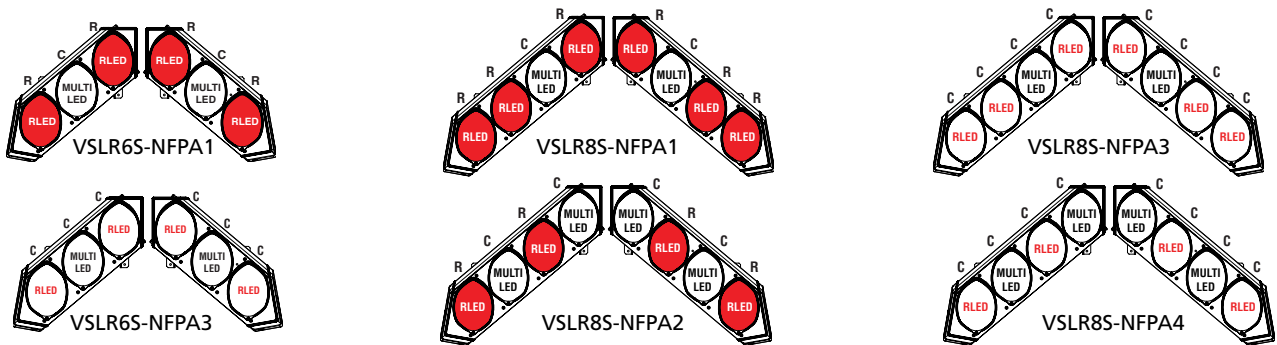
- Available in six-pod or eight-pod models
- SLR rotator optimizes LEDs for a true 360-degree light output
- "Aerial view" feature improves ability to see vehicle from a helicopter
- Individual pod replacement for easy service
- May be used as part of NFPA 1901 compliant package
- LEDs available in single-, dual-, tri-, and quad-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty



Model	Pods	Warning Light Capability	Takedown and Alley Lights	White Light Cut-Off	Discrete	Mount
VSLR6S-NFPA1	6 pod (3 each side)	Red/White	•	•	•	Permanent
VSLR6S-NFPA3	6 pod (3 each side)	Red/White	•	•	•	Permanent
VSLR8S-NFPA1	8 pod (4 each side)	Red/White	•	•	•	Permanent
VSLR8S-NFPA2	8 pod (4 each side)	Red/White	•	•	•	Permanent
VSLR8S-NFPA3	8 pod (4 each side)	Red/White	•	•	•	Permanent
VSLR8S-NFPA4	8 pod (4 each side)	Red/White	•	•	•	Permanent

### How to Order

- Choose a popular model above or contact your Federal Signal representative or distributor



# Three-Pod Vision SLR



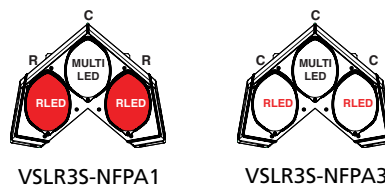
- Available in three-pod models
- SLR rotator optimizes LEDs for a true 360-degree light output
- "Aerial view" feature improves ability to see vehicle from a helicopter
- Individual pod replacement for easy service
- May be used as part of NFPA 1901 compliant package
- LEDs available in single-, dual-, tri-, and quad-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty



Model	Warning Light Capability	Takedown Light	White Light Cut-Off	Discrete	Mount
VSLR3S-NFPA1	Red/White	•	•	•	Permanent
VSLR3S-NFPA3	Red/White	•	•	•	Permanent

### How to Order

- Choose a popular model above or contact your Federal Signal representative or distributor



Effective January 22, 2024

## Allegiant® Serial



- Low-profile, linear LED light bar
- LEDs available in single- and dual-color combinations of Amber, Blue, Green, Red and White
- Can be serviced without removal from vehicle roof
- Combines effective warning with tactical benefits of flood lighting capability
- Integrated SignalMaster™ directional capability
- 12 V models available in 21", 45", 53", 61" and 70" lengths
- 24 V models available in 45", 53", 61" and 70" lengths
- FS Convergence Network for "plug-n-play" installation and programming
- Five-year warranty



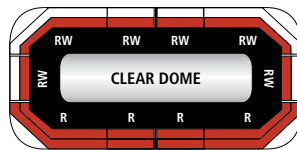
Model	Length	Warning Light Capability	White LED Flood Lights	White LED TD/ Alley Lights	Amber LED SignalMaster	Top Dome Color	Mount	Serial Interface Module
ALGT21J-FIRE1	21-inch	Red/White	•	•		Clear	Low-Profile Permanent	
ALGT45J-F2HR	45-inch	Red/White	•	•	•	Red	Hook	
ALGT45J-F2HMR	45-inch	Red/White	•	•	•	Red	Hook	•
ALGT45J-F2HC	45-inch	Red/White	•	•	•	Clear	Hook	
ALGT45J-F2HMC	45-inch	Red/White	•	•	•	Clear	Hook	•
ALGT53J-F2HRC	53-inch	Red/White	•	•	•	Red/Clear/Red	Hook	
ALGT53J-F2HMRC	53-inch	Red/White	•	•	•	Red/Clear/Red	Hook	•
ALGT53J-F2HC	53-inch	Red/White	•	•	•	Clear	Hook	
ALGT53J-F2HMC	53-inch	Red/White	•	•	•	Clear	Hook	•

### Note

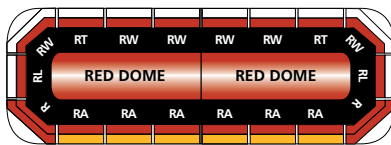
- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit

### How to Order

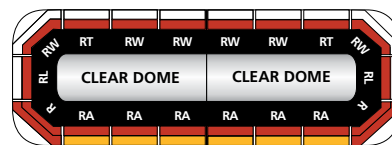
- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor



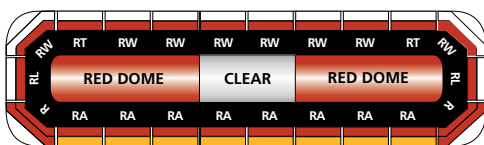
ALGT21J-FIRE1 (without interface module, Low-Profile permanent mount)



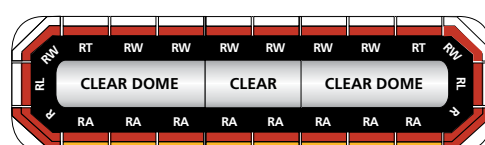
ALGT45J-F2HR (without interface module, hook mount)  
ALGT45J-F2HMR (with interface module, hook mount)



ALGT45J-F2HC (without interface module, hook mount)  
ALGT45J-F2HMC (with interface module, hook mount)



ALGT53J-F2HRC (without interface module, hook mount)  
ALGT53J-F2HMRC (with interface module, hook mount)



ALGT53J-F2HC (without interface module, hook mount)  
ALGT53J-F2HMC (with interface module, hook mount)

# Allegiant® Discrete



- Low-profile, linear LED light bar
- LEDs available in single- and dual-color combinations of Amber, Blue, Green, Red and White
- Can be serviced without removal from vehicle roof
- Combines effective warning with tactical benefits of flood lighting capability
- 12 V models available in 21", 45", 53", 61" and 70" lengths
- 24 V models available in 45", 53", 61" and 70" lengths
- Five-year warranty



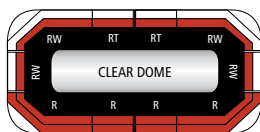
Model	Length	Warning Light Capability	White LED Flood Lights	White LED TD/ Alley Lights	Top Dome Color	Mount	Discrete
ALGT21D-FIRE1	21-inch	Red/White		Takedowns only	Clear	Low-Profile Permanent	•
ALGT21D-NFPA20D	21-inch	Red/White		Takedowns only	Clear	Low-Profile Permanent	•
ALGT21D-NFPA20P	21-inch	Red/White		Takedowns only	Clear	Low-Profile Permanent	•
ALGT21D-NFPA21	21-inch	Red/White		Takedowns only	Clear	Low-Profile Permanent	•
ALGT21D-NFPA22	21-inch	Red			Clear	Low-Profile Permanent	•
ALGT53D-NFPA2	53-inch	Red/White		•	Clear	Permanent	•
ALGT61D-NFPA2	61-inch	Red/White		•	Clear	Permanent	•
ALGT61D-NFPA1	61-inch	Red/White	•		Red	Permanent	•
ALGT70D-NFPA2	70-inch	Red/White		•	Clear	Flat	•

**Notes**

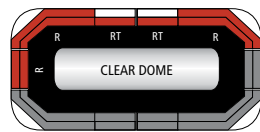
- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit
- ALGT21D-NFPA20D is a driver side model and ALGT21D-NFPA20P is a passenger side model

**How to Order**

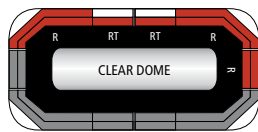
- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor



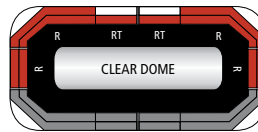
ALGT21D-FIRE1



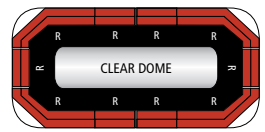
ALGT21D-NFPA20D



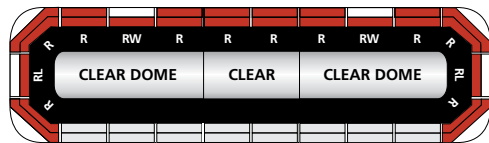
ALGT21D-NFPA20P



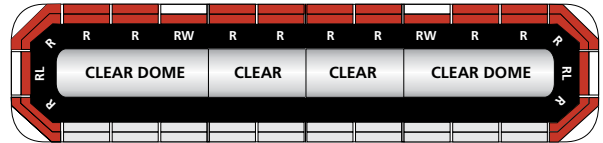
ALGT21D-NFPA21



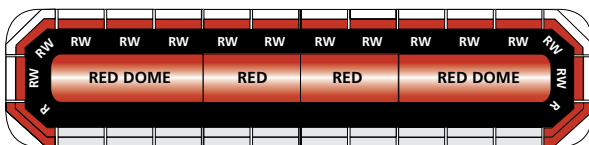
ALGT21D-NFPA22



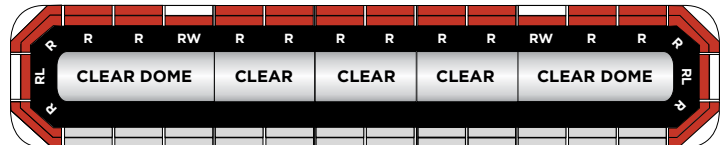
ALGT53D-NFPA2



ALGT61D-NFPA2



ALGT61D-NFPA1



ALGT70D-NFPA2

Effective January 22, 2024

## Reliant™



- Low-profile, linear LED light bar
- LEDs available in dual-color combinations of Amber, Red and White
- Integrated SignalMaster™ directional capability
- Available in 48" length
- FS Convergence Network for "plug-and-play" installation
- Five-year warranty



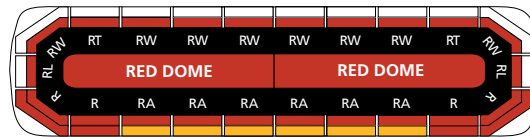
Model	Length	Warning Light Capability	Top Dome Colors	White LED TD Lights	White LED Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Red LED Brake Lights	Serial Interface Module	Mount
RLNT48-F2LR	48-inch	Red/White	Red	Positions 2,9	L,L1	•	•	•	No	Low Hook
RLNT48-F3LR	48-inch	Red/White	Red	Positions 5,6	L,L1	•	•	•	No	Low Hook

### Note

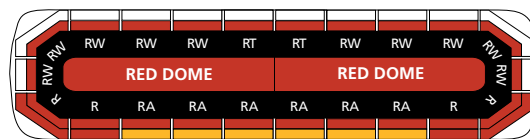
- Light bar includes low-profile hook-on mount kit

### How to Order

- Choose one of the popular models above



RLNT48-F2LR (without interface module, low hook mount)



RLNT48-F3LR (without interface module, low hook mount)

# Valor®



- Low-profile, non-linear “V-shape” light bar provides 40% more light output at critical intersection angles than a typical low-profile, linear light bar
- Combines effective warning with the tactical benefits of floodlighting capability, and can be activated as Left-flood, Right-flood or Full-flood
- Integrated Vortex™ generators for increased fuel efficiency and reduced wind noise
- Integrated SignalMaster™ directional capability
- Valor can be serviced without removal from vehicle roof
- Available in 44" and 51" lengths
- LEDs available in single-, dual-, and tri-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty

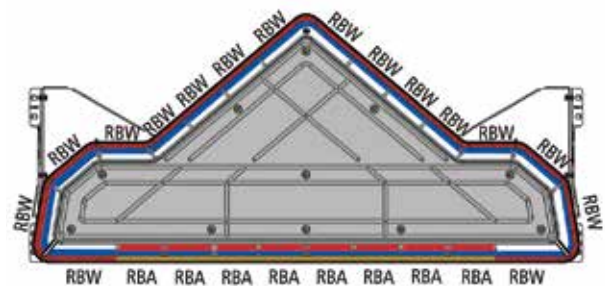


## 44" Valor Models

Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount
VALR44J-F2H	44-inch	Red/White	•	•	•	No	Hook
VALR44J-PF3L	44-inch	Red/Blue/White	•	•	•	No	Low Hook



VALR44J-F2H (without interface module, hook mount)

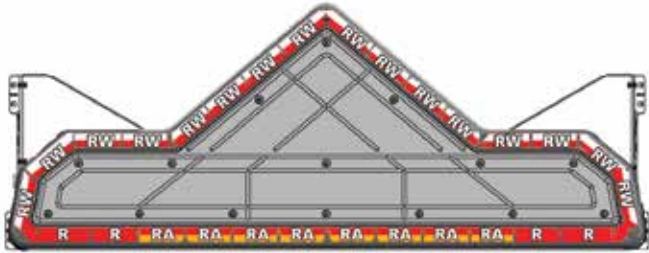


VALR44J-PF3L (without interface module, low hook mount)

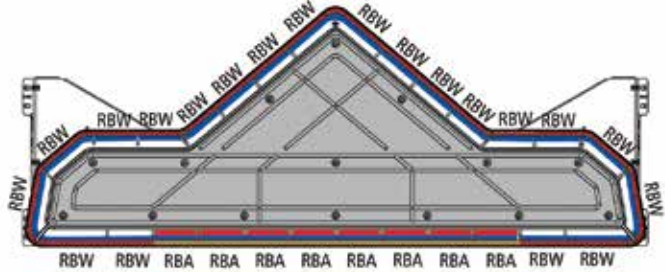
Effective January 22, 2024

## 51" Valor Models

Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount
VALR51J-F2H	51-inch	Red/White	●	●	●	No	Hook
VALR51J-PF3L	51-inch	Red/Blue/White	●	●	●	No	Low Hook



VALR51J-F2H (without interface module, hook mount)



VALR51J-PF3L (without interface module, low hook mount)

### Note

- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit

### How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor

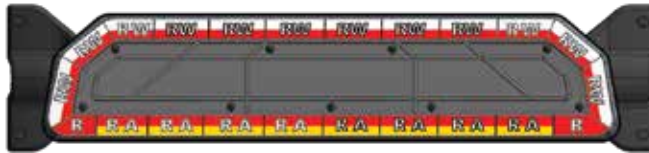
# Integrity®

- Low-profile, linear LED light bar
- Combines effective warning with the tactical benefits of floodlighting capability
- Integrated SignalMaster™ directional capability
- Integrity can be serviced without removal from the vehicle roof
- Available in 44" and 51" lengths
- LEDs available in single-, dual-, and tri-color combinations of Amber, Blue, Green, Red and White
- Five-year warranty



## 44" Integrity Models

Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount
INTG44J-F2H	44-inch	Red/White	•	•	•	No	Hook
INTG44J-PF3L	44-inch	Red/Blue/White	•	•	•	No	Low Hook



INTG44J-F2H (without interface module, hook mount)

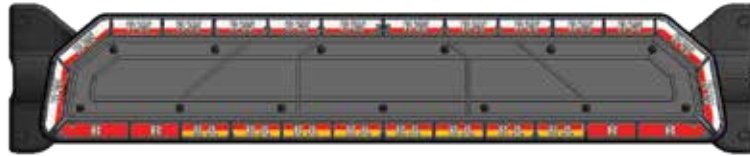


INTG44J-PF3L (without interface module, low hook mount)

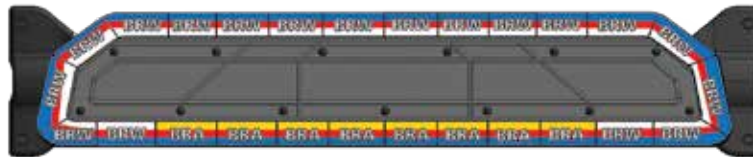
Effective January 22, 2024

## 51" Integrity Models

Model	Length	Warning Light Capability	White LED TD/ Alley Lights	White LED Flood Lights	Amber LED SignalMaster	Serial Interface Module	Mount
INTG51J-F2H	51-inch	Red/White	•	•	•	No	Hook
INTG51J-PF3L	51-inch	Red/Blue/White	•	•	•	No	Low Hook



INTG51J-F2H (without interface module, hook mount)



INTG51J-PF3L (without interface module, low hook mount)

### Note

- Light bar includes choice of permanent, hook-on, or low-profile hook-on mount kit

### How to Order

- Choose one of the popular models above, customize your own light bar with our online configurator, or contact a local Federal Signal representative or distributor



# Mini-Light Bar Comparison

	HighLighter LED Micro	HighLighter Elite
Solaris® LED Reflectors	•	•
ROC (Reliable Onboard Technology™)	•	•
Discrete	•	•
Single-Color	•	•
Dual-Color		•
Split-Color	•	
FSLink™		•
Warranty (years)	5	5

## HighLighter® Micro

- Low-Profile, 10" mini-light bar
- Uniform 360-degree light distribution; no dark spots or shadows
- (25) selectable flash patterns
- (3) mounting options; permanent, magnet mount, and suction-cup mount
- Multiple voltage, 12/24 Vdc
- Five-year warranty



Model	Description
<b>Permanent mount</b>	
HL10PC-R	Permanent mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)
HL10PC-AR	Permanent mount, split-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White); -RB (Red/Blue)
<b>Magnet mount, accessory plug, on/off switch</b>	
HL10MC-R	Magnet mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)
HL10MC-AR	Magnet mount, split-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White)
<b>Suction-cup magnet mount, accessory plug, on/off switch</b>	
HL10SC-R	Suction-cup magnet mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)
HL10SC-AR	Suction-cup magnet mount, split-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White)

Effective January 22, 2024

## HighLighter® Elite

- Low-profile, 15" mini-light bar
- Single- and dual-color models available
- Unique "Edge Cruise" Lighting
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Five-year warranty



Model	Description
<b>Permanent mount</b>	
HL15PC-R	Permanent mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)
HL15PC-AR	Permanent mount, dual-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)
<b>Magnet mount, accessory plug, on/off switch</b>	
HL15MC-R	Magnet mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)
HL15MC-AR	Magnet mount, dual-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)
<b>Suction-cup magnet mount, accessory plug, on/off switch</b>	
HL15SC-R	Suction-cup magnet mount, single-color, Red LEDs, Clear dome, -A (Amber); -B (Blue); -G (Green); -W (White)
HL15SC-AR	Suction-cup magnet mount, dual-color, Amber/Red LEDs, Clear dome, -AB (Amber/Blue); -AG (Amber/Green); -AW (Amber/White); -BW (Blue/White); -RB (Red/Blue); -RW (Red/White)
<b>Accessories</b>	
454217	Kit, riser mount, 2.1-inch lift
210883SSG	Kit, self-leveling bracket

For the most up-to-date hook mount information, visit [www.fedsig.com/hook-mount-reference-guide](http://www.fedsig.com/hook-mount-reference-guide).

Make/Model	Year	Hook Kit Model #	Roof Width	Cab Style
<b>Ford</b>				
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"	
<b>Chevrolet/GM</b>				
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 <sup>th</sup> 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

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"	
<b>Chrysler/Dodge/Jeep</b>				
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 <sup>th</sup> 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	
<b>Toyota</b>				
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	
<b>Nissan</b>				
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"	
<b>International</b>				
Durastar/4300 cab	2002-18	HKB-FHD7	65.8"	

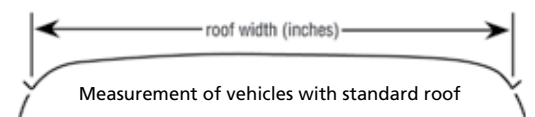
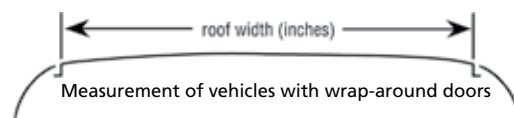
All Federal Signal light bars may be permanent or hook-on mounted. When using a hook-on mount, a separate hook kit is required for the make, model and year of your vehicle. Use the hook kit reference guide to find your vehicle's appropriate hook kit. Measurements for the roof width are determined by 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](http://www.fedsig.com/hook-mount-reference-guide) for up-to-date vehicle and hook kit listings.



Effective January 22, 2024

## Siren Feature Comparison

	Pathfinder® PF400	Pathfinder® PF200	Pathway™	PA300	PA300-100	PA4000
Total Output Wattage	400 W	200 W	100 W	200 W	100 W	200 W
FS Convergence Network	•	•	•		•	•
FSJoin™	•	•	•			•
Air Horn	•	•	•	•	•	•
PA (Public Address)	•	•	•	•	•	•
Siren Tones	•	•	•	•	•	•
Remote Control Head	•*	•*	•*			•
Slide Switch	•*	•*	•*			
Lighting Control	•	•	•		•†	•
SignalMaster™ Control	•	•	•			•
Microphone	•	•	•	•	•	•
Built-in Timer Feature	•	•	•		•	•
Programmable Inputs & Outputs	•	•	•		•**	•
Load Management	•	•	•			•
FS Vehicle Integration/OBD Integration	•	•				•
Integrated Dual-Tone	•	•				•
Integrated Rumbler® Traffic-Clearing Capability	•	•				•
Rotary Switch	•*	•*	•*	•	•	•
Warranty (years)	5	5	5	3	5	5

\* Select Models

\*\* Inputs only

† Through Convergence Network ports only

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

# Q-Siren®

- Available in traditional Chrome and Black Chrome
- Distinct sound provides recognizable long distance warning
- The sound of the Q-Siren is a registered trademark of Federal Signal Corporation
- Utilizes a unique clutch design that provides a longer coast-down sound while reducing the Amp draw
- Beautifully streamlined and polished electro-mechanical siren
- Three-year warranty



Model	Description
Q2B-012NNSD	Q2B, mechanical siren, Chrome, recess mount
Q2B-012PSD	Q2B, mechanical siren, Chrome, pedestal mount
Q2B-NN-BLK	Q2B, mechanical siren, Black Chrome, recess mount
Q2B-P-BLK	Q2B, mechanical siren, Black Chrome, pedestal mount

Kits	
Q-MT	Kit, Q2B, bracket for recess mounting Q2B siren
Q2B-SWKIT	Kit, Q2B, Solenoid and Foot Switch

Common Replacement Parts	
Z8280080B	Motor, Q2B siren
Z828000641	Clutch assembly
Z8280104B	Front grille, Q2B siren; -BC (Black Chrome)
Z8280106A	Stator guard, Q2B siren; -BC (Black Chrome)
Z8280B003J-02	Brake assembly
Z8280C077A	Mounting base, Q2B siren, polished stainless steel; -BC (Black Chrome)
ZH5205-03	Rear housing, Q2B siren, polished stainless steel; -BC (Black Chrome)

# Electronic Q-Siren® (e-Q2b®)

- Features the traditional trademarked Q-Siren sound
- Available with flush mount or surface mount control head
- Keypad features backlit membrane switches with tactile feel
- Easy-to-read external diagnostics
- 200 W power with lower amp draw — 22 A or 100 W
- Features Q-Wail, Yelp, Priority, Air Horn, PA, Radio Re-broadcast and Horn Ring Transfer
- Foot switch inputs
- Three-year warranty



Model	Description
EQ2B-200	200 W, remote amplifier, surface mount control head
EQ2B-200FM	200 W, remote amplifier, flush mount control head
EQ2B-100	100 W, remote amplifier, surface mount control head
Common Replacement Parts for EQ units prior to 2011 redesign	
Z140417A-04	Connector, male plug, four-position, EQ2B speaker
Z140418A-07	Connector, male plug, seven-position, EQ2B control head
Z140418A-08	Connector, male plug, eight-position, EQ2B control head
Z140535A	Connector, male plug, 50 A
Z8616015A	Control head, EQ2B

Model	Description
Common Replacement Parts for EQ units newly released in 2011 redesign	
Z8616026B	Control head, EQ2B-200, surface mount
Z8616042B	Control head, EQ2B-200, flush mount
Z8616033B	Amplifier, EQ2B-200 or EQ2B-200FM
Z140417A-04	Connector, male plug, four-position, EQ2B
Z140535A	Connector, male plug, 50 A
Z122361A	Air horn switch

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Effective January 22, 2024

## Pathfinder® PF400



- 400 Watt programmable siren/light controller with remote-mount amplifier
- (4) 100 Watt independent audio channels
- PF400Q models available featuring the traditional trademarked Q-Siren tone
- Library of selectable siren tones
- Integrated quad-tone capability when used with (4) speakers
- (7) programmable inputs and (16) programmable solid-state relay outputs
- Integrated Rumbler® traffic-clearing capability
- Capability of doing Rumbler and dual-tone with one amplifier
- FS Vehicle Integration/On-Board Diagnostics Integration (OBDII)
- (4) Serial ports for FS Convergence products
- Convergence Network Configuration Software allows for easy customization for siren and light controls
- Standard voice messages are available in English, Spanish, and French Canadian to broadcast alerts. Custom voice messages available for an additional fee
- Five-year warranty



Model	Description
<b>Integrated Q-tone models</b>	
PF400Q	Siren/Light Controller with Remote surface mount controller, 400 W, integrated Q-tone
PF400QS17B	Siren/Light Controller with 17-button controller, 400 W, integrated Q-tone
PF400QH	Siren/Light Controller with Handheld controller/microphone, 400 W, integrated Q-tone
PF400QAMP	PF400Q Amplifier, no controller, integrated Q-tone
<b>Accessories</b>	
PFSYNC-1	On Scene Sync Module
RBKIT-SOLO*	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability
RBKIT2-COMPACT*	Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability
OBDCABLE6-1	6-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado
OBDCABLE6-2	6-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility
OBDCABLE6-3	6-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)
OBDCABLE6-DGCAN	6-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500
OBDCABLE25-1	25-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado
OBDCABLE25-2	25-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility
OBDCABLE25-3	25-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)
OBDCABLE25-DGCAN	25-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500
OBDCABLE8-GMCAN	8-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe
OBDCABLE20-GMCAN	20-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe
OBDCABLE8-4	8-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning
OBDCABLE20-4	20-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning
PFPPDM-1	Power Distribution Module, 100 A max load
<b>Note</b>	
• *Vehicle-specific Rumbler brackets sold separately	

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

## Pathfinder® PF400 Accessories — Continued

Model	Description
EXPMOD24	24-Channel Expansion Module
EXPMOD32	32-Channel Expansion Module
EXPMOD-2	Rear Expansion Module, (18) solid-state programmable relay outputs, (16) 7.5 A flashing outputs and (2) 20 A control outputs
EXPHARN01	Rear taillight connection wire harness for use with rear expansion module, Dodge Charger Pursuit, 2015-2024
EXPHARN03	Rear taillight connection wire harness for use with rear expansion module, Ford Police Interceptor Utility, 2020-2024
EXPHARN04	Rear taillight and rear liftgate lighting connection wire harness for use rear expansion module, Dodge Durango, 2018-2023
EXPHARN05	Rear taillight connection wire harness for use with rear expansion module, Chevrolet Tahoe, 2021-2023
PFSPLTR-4	4-to-1 splitter
RMK	Remote extension kit for ¼-inch jack microphone

## Common Replacement Parts

Z258B577D-03	RJ11 microphone
MNCT-5D	¼-inch jack microphone
Z862302765A	Replacement Controller, PF200H/PW100H/PF400H/PF400QH
Z862303172A	Replacement Controller, PF200S17B/PF400S17B/PF400QS17B
Z8623129A	Swivel Mount, PF200H/PW100H/PF400H/PF400QH
Z862302763A	Mounting bracket, PF200H/PW100H/PF400H/PF400QH
Z1751357A-06	CAT5 Cable — Coupler to Amplifier, 8-ft
Z1751357A-02	CAT5 Cable — Control Head to Coupler, 25-ft
Z17501359A	Relay output pigtail
Z13901850A	RJ45 Coupler
Z17501849A	Wire Assembly — RJ45 Coiled
Z8572294E	Legend stickers

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Effective January 22, 2024

## Pathfinder® PF400

### CONTROLLER OPTIONS



**PF400Q**  
Remote Surface-mount Controller with (4) push-buttons and Rotary Knob



**PF400QH**  
Handheld Controller/Microphone with (14) Push-buttons



**PF400QS17B**  
Remote Surface-mount Controller with (17) Push-buttons and Slide Switch

### RUMBLER® INTEGRATION

Pathfinder is available with built-in Rumbler traffic-clearing capability. With Rumbler, the Pathfinder produces a Rumbler tone without the need for a separate externally mounted amplifier.



### CONVERGENCE NETWORK CONFIGURATION SOFTWARE

Federal Signal's Convergence Network Configuration Software makes it easy to customize Pathfinder to the specific needs of your fleet—and access the controller's main custom features and benefits. Simply connect a USB-C to a computer and download the functions of the programmed software to the siren.

Programs can be extracted, modified and stored for ease of service and reuse—giving users the ability to clone an entire fleet.



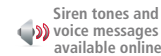
Convergence Network ports  
 (16) programmable relay outputs  
 Remote microphone  
 Siren power  
 Relay power  
 Ground  
 (7) programmable input circuits and radio input  
 Speaker outputs  
 OBDII  
 USB-C

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.



# Pathfinder® PF200

- 100/200 W siren and light controller with PA and noise-canceling microphone
- Integrated dual-tone capability when used with (2) speakers
- Integrated Rumbler® traffic-clearing capability
- Optional FS Vehicle Integration/On-Board Diagnostics Integration (OBDII)
- Programmable timer feature
- Siren tones, PA, Radio Rebroadcast and Air Horn
- Library of selectable siren tones includes SmartSiren®, Unitrol™, PA300 and Powercall siren tones
- Horn Ring Transfer and Park Kill
- Backlit LEDs on control faceplate emulate SignalMaster™ directional warning operation
- (7) programmable inputs and (12) programmable solid-state relay outputs
- Convergence Network Configuration Software allows for easy customization of siren and light controls
- (2) FS Convergence Network ports
- Standard digital voice messages available in English, Spanish and French Canadian to broadcast alerts. Custom digital voice messages available for an additional fee
- Five-year warranty



Model	Description
PF200	Siren/Light Controller with self contained controls, 100/200 W
PF200R	Siren/Light Controller with Remote surface mount controller, 100/200 W
PF200H	Siren/Light Controller with Handheld controller/microphone, 100/200 W
PF200S17B	Siren/Light Controller with 17-button controller, 100/200 W
PF200S6	Siren/Light Controller with 6-button controller, 100/200 W
PF200S4	Siren/Light Controller with 4-button controller, 100/200 W
PF200AMP	Pathfinder Amplifier, no controller

## Accessories

PFSYNC-1	On Scene Sync Module
RBKIT-SOLO*	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability
RBKIT2-COMPACT*	Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability
OBDCABLE6-1	6-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado
OBDCABLE6-2	6-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility
OBDCABLE6-3	6-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)
OBDCABLE6-DGCAN	6-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500
OBDCABLE8-GMCAN	8-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe
OBDCABLE20-GMCAN	20-ft OBDII interface cable, for use on 2021-2024 Chevrolet Tahoe
OBDCABLE25-1	25-ft OBDII interface cable, for use on 2018-2020 Chevrolet Tahoe, 2013-2019 Ford Police Interceptor Utility, 2018-2019 Ford F-150, 2018-2021 Chevrolet Silverado
OBDCABLE25-2	25-ft OBDII interface cable, for use on 2020-2024 Ford Police Interceptor Utility
OBDCABLE25-3	25-ft OBDII interface cable, for use on 2020-2021 Ford Expedition, 2020 Ford F-150, and 2020-2022 Ford F-250/F-350/F-450/F-550 (Models equipped with 4" or 8" entertainment screen only)
OBDCABLE25-DGCAN	25-ft OBDII interface cable, for use on 2018-2024 Dodge Charger Pursuit and 2018-2023 Dodge Durango, and 2018-2023 Dodge Ram 1500

## Note

- \*Vehicle-specific Rumbler® brackets sold separately

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Effective January 22, 2024

## Pathfinder® PF200 Accessories — Continued

Model	Description
OBDCABLE8-4	8-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning
OBDCABLE20-4	20-ft OBDII interface cable, for use on 2021-2024 Ford Mustang Mach-E and 2022-2024 Ford F-150 Lightning
PPFDM-1	Power Distribution Module, 100 A max load
EXPMOD24	24-Channel Expansion Module
EXPMOD32	32-Channel Expansion Module
EXPMOD-2	Rear Expansion Module, (18) solid-state programmable relay outputs, (16) 7.5 A flashing outputs and (2) 20 A control outputs
EXPHARN01	Rear taillight connection wire harness for use with rear expansion module, Dodge Charger Pursuit, 2015-2024
EXPHARN03	Rear taillight connection wire harness for use with rear expansion module, Ford Police Interceptor Utility, 2020-2024
EXPHARN04	Rear taillight and rear liftgate lighting connection wire harness for use rear expansion module, Dodge Durango, 2018-2023
EXPHARN05	Rear taillight connection wire harness for use with rear expansion module, Chevrolet Tahoe, 2021-2023
RMK	Remote extension kit for ¼-inch jack microphone
PFSPLTR-4	4-to-1 splitter

### Common Replacement Parts

Z258B577D-03	RJ11 microphone
MNCT-SD	¼-inch jack microphone
Z17501813A	USB Programming Cable
Z862302836A-PF	Replacement Controller, PF200S4/PW100S4
Z862302919A-PF	Replacement Controller, PF200S6/PW100S6
Z862302151A	Replacement Controller, PF200R/PF400R
Z862302765A	Replacement Controller, PF200H/PW100H/PF400H/PF400QH
Z862303172A	Replacement Controller, PF200S17B/PF400S17B/PF400QS17B
Z8623129A	Swivel Mount, PF200H/PW100H/PF400H/PF400QH
Z862302763A	Mounting bracket, PF200H/PW100H/PF400H/PF400QH
Z1751357A-06	CAT5 Cable — Coupler to Amplifier, 8-ft
Z1751357A-02	CAT5 Cable — Control Head to Coupler, 25-ft
Z17501359A	Relay output pigtail
Z13901850A	RJ45 Coupler
Z17501849A	Wire Assembly — RJ45 Coiled
Z8572294E	Legend stickers

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

**Pathfinder® PF200**

**CONTROLLER OPTIONS**



**PF200**

Self-contained Controls with Rotary Knob and Slide Switch



**PF200H**

Handheld Controller / Microphone with (14) Push-buttons



**PF200R**

Remote Surface-mount Controller with Rotary Knob and Slide Switch



**PF200S17B**

Remote Surface-mount Controller with (17) Push-buttons and Slide Switch



**PF200S6**

Remote Surface-mount Controller with (6) Push-buttons and Slide Switch



**PF200S4**

Remote Surface-mount Controller with (4) Push-buttons

**RUMBLER® INTEGRATION**

Pathfinder is available with built-in Rumbler traffic-clearing capability. With Rumbler the Pathfinder produces a Rumbler tone without the need for a separate externally mounted amplifier.



**CONVERGENCE NETWORK CONFIGURATION SOFTWARE**

Federal Signal's Convergence Network Configuration Software makes it easy to customize Pathfinder to the specific needs of your fleet—and access the controller's main custom features and benefits. Simply connect a USB to a computer and download the functions of the programmed software to the siren.

Programs can be extracted, modified and stored for ease of service and reuse—giving users the ability to clone an entire fleet.



Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Effective January 22, 2024

## Pathfinder® OBD Cable Vehicle Reference Chart

Vehicle	Years	OBD CABLE 6-1/ OBD CABLE 25-1	OBD CABLE 6-2/ OBD CABLE 25-2	OBD CABLE 6-3/ OBD CABLE 25-3	OBD CABLE 6-DGCAN/ OBD CABLE 25-DGCAN	OBD CABLE 8-GMCAN/ OBD CABLE 20-GMCAN	OBD CABLE 8-4/ OBD CABLE 20-4
<b>Chevrolet</b>							
Camero	2021-2023	•					
Equinox	2019-2020	•					
Silverado 1500	2018-2022	•					
Silverado 2500	2019-2022	•					
Tahoe/Suburban	2015, 2018-2020	•					
Tahoe/Suburban	2021-2024					•	
Traverse	2020	•					
<b>Dodge</b>							
Challenger	2018-2023				•		
Charger	2018-2024				•		
Durango	2016, 2018-2023				•		
Ram 1500	2018-2023				•		
Ram 2500	2019-2023				•		
Ram 3500	2019-2023				•		
<b>Ford</b>							
Escape	2019	•					
	2020-2023			•			
Expedition	2019	•					
	2020-2021			•			
F-150	2018-2019	•					
	2020			•			
F-150 Lightning	2022-2024						•
F-250*	2019	•					
	2020-2022			•			
F-350*	2019	•					
	2020-2022			•			
F-550*	2019	•					
	2020-2022			•			
Mustang	2018-2019	•					
	2020-2023			•			
Mustang Mach-E	2021-2024						•
Police Interceptor Utility	2013-2019	•					
	2020-2024		•				
Ranger	2019		•				
	2020-2023			•			
Transit*	2019	•					
	2020-2024			•			
<b>Jeep</b>							
Cherokee	2019				•		
Wrangler	2020				•		
Grand Cherokee	2019-2022				•		
<b>GMC</b>							
Acadia	2019	•					
Yukon	2015, 2018-2020	•					
	2021-2024					•	
Sierra	2021	•					

\* Models equipped with 4" or 8" entertainment screen only

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

# Pathway™

- 100 W siren and light controller with PA and noise-canceling microphone
- Models include self-contained, remote, handheld, Four-button and Six-button
- Siren tones, PA, Radio Rebroadcast and Air Horn
- Library of selectable siren tones
- Horn Ring Transfer and Park Kill
- (7) programmable inputs and (12) programmable solid-state relay outputs
- Convergence Network Configuration Software allows for easy customization of siren and light controls
- (2) FS Convergence Network ports
- Standard voice messages available in English, Spanish and French Canadian to broadcast alerts.  
Custom voice messages available for an additional fee
- Five-year warranty



Siren tones and  
voice messages  
available online



Convergence  
Network



FSJoin..

Model	Description
PW100	Siren/light controller with self-contained controls, 100 W
PW100R	Siren/light controller with remote surface mount controller, 100 W
PW100H	Siren/light controller with handheld controller/microphone, 100 W
PW100S6	Siren/light controller with Six-button controller, 100 W
PW100S4	Siren/light controller with Four-button controller, 100 W
<b>Accessory</b>	
PFSYNC-1	On Scene Sync Module

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Effective January 22, 2024

## Pathway™

### CONTROLLER OPTIONS



**PW100**  
Self-contained Controls with Rotary Knob and Slide Switch



**PW100H**  
Handheld Controller/Microphone with (14) Push-buttons



**PW100R**  
Remote Surface-mount Controller with Rotary Knob and Slide Switch



**PW100S6**  
Remote Surface-mount Controller with (6) Push-buttons and Slide Switch



**PW100S4**  
Remote Surface-mount Controller with (4) Push-buttons

### CONVERGENCE NETWORK CONFIGURATION SOFTWARE

Federal Signal's Convergence Network Configuration Software makes it easy to customize Pathfinder to the specific needs of your fleet—and access the controller's main custom features and benefits. Simply connect a USB to a computer and download the functions of the programmed software to the siren.

Programs can be extracted, modified and stored for ease of service and reuse—giving users the ability to clone an entire fleet.



USB  
12 Relay Outputs  
(7) programmable input circuits, speakers and radio input  
Convergence Network ports

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

## PA300

- Compact, self-contained electronic siren
- Wail, Yelp, and High/Low or Priority siren tones
- PA and radio re-broadcast
- Illuminated non-glare control panel
- Effective TAP II intersection clearing
- Built-in noise-cancelling microphone
- Three-year warranty



 Siren tones available online

Model	Description
690009	200 W, PA300-024MSC, hi-lo tone, hard-wired microphone, 24 Vdc
690010	200 W, PA300-012MSC, hi-lo tone, hard-wired microphone
<b>Accessories and Kits</b>	
761300	Kit, PA300 Series, adapter cable harness converts to new 690000 PA300 design
MNCT-SD	Microphone, noise-canceling, PA/Radio
DSM	Kit, PA300 Series, bezel for dash mount
<b>Common Replacement Parts</b>	
Z122377A	Switch, 690 Series, air horn
Z141A102	Knob, PA300, gain control
Z141A111	Knob, PA300, function/tone selector
Z1461360A	Wire harness, 690 Series, 4-ft length, 12 Vdc
Z8537561A	Accessory kit, connectors, bracket, hardware

## PA300-100

- 100 W siren with PA and noise-canceling microphone
- Siren tones, PA, Radio Rebroadcast and Air Horn
- Library of selectable siren tones
- Horn Ring Transfer and Park Kill
- (4) programmable inputs, plus dedicated inputs for park, horn, and ignition
- Convergence Network Configuration Software allows for easy customization of the siren
- (2) FS Convergence Network ports
- Standard voice messages available in English, Spanish and French Canadian to broadcast alerts. Custom voice messages available for an additional fee
- Five-year warranty



 Siren tones and voice messages available online  Convergence Network

Model	Description
PA300-100	Siren with self-contained controls, 100 W

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Effective January 22, 2024

## PA4000

- 200-Watt siren
- Flush mount controller with remote amplifier
- Noise-canceling microphone included
- Integrated Dual-tone capability when used with two speakers
- Integrated Rumbler traffic-clearing capability
- Convergence Network Configuration Software allows for easy customization
- Five-year warranty



Model	Description
PA4000-200	200 W, flush mount control, remote amplifier

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.



## Rumbler®

- Rumbler low frequencies deliver up to 10 dB more sound pressure inside civilian vehicles near emergency vehicle—getting attention and clearing traffic more effectively than a standard siren tone
- Low-frequency tones work simultaneously with primary siren
- Produces penetrating/vibrating low-frequency sound waves
- Interacts with most 100/200 W emergency vehicle siren amplifiers
- Highly effective in dense urban environments with heavy vehicle traffic
- Rumbler Low Frequency Speakers work in conjunction with Federal Signal sirens that feature integrated Rumbler traffic-clearing capability
- Rumbler Low Frequency Speakers are also available with Rumbler amplifier to work with other Federal Signal sirens
- Three-year warranty



RBKIT2-COMPACT



RBKIT-SOLO



Model	Description
RBKIT2-COMPACT	Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability
RBKIT1-COMPACT	Single Rumbler Compact low frequency speaker for use with sirens with integrated Rumbler capability
RBKIT-SOLO	Single Rumbler Solo low frequency speaker for use with sirens with integrated Rumbler capability
RUMBLER-C2	Rumbler Amp, Pair of Rumbler Compact low frequency speakers and hardware kit
RUMBLER-SOLO	Rumbler Amp, Single Rumbler Solo low frequency speaker and hardware kit

### Accessory

RB-SW	Rumbler activation switch
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### Note

- Vehicle-specific Rumbler brackets sold separately

## Rumbler® Brackets

<p>RBS-CHGR15</p> <p>(1) Rumbler Solo or (1) Compact, no drill, passenger side bracket, Dodge Charger, 2015-2024</p>	<p>RBS-FPIU20ND</p> <p>Single Rumbler Solo or Single Compact, no drill, passenger side bracket, Ford Police Interceptor Utility, 2020-2024</p>	<p>RBC2-FPIU20ND</p> <p>Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Ford Police Interceptor Utility, 2020-2024</p>	<p>RBS-TAH21ND</p> <p>Single Rumbler Solo or (1) Compact, no drill, passenger side bracket, Chevrolet Tahoe, 2021-2024</p>
<p>RBC2-TAH21ND</p> <p>Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Chevrolet Tahoe, 2021-2024</p>	<p>RBS-DUR21ND</p> <p>Single Rumbler Solo or Single Compact, no drill, passenger side bracket, Dodge Durango, 2019-2023</p>	<p>RBC2-DUR21ND</p> <p>Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Dodge Durango, 2019-2023</p>	<p>RBC2-FRD15ND</p> <p>Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket, Ford F-150, 2015-2023</p>

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Effective January 22, 2024

## DynaMax®/ES100C

- Slim and light-weight compact 100 W speaker
- Features Neodymium delivers superior sound quality
- Composite plastic housing
- Vehicle-specific mounting brackets available for most commonly-used Fire/EMS vehicles
- Two-year warranty



Model	Description
ES100C	Speaker, DynaMax/ES100C, 100 W, high output, compact, Class A
ES100C-DEU	Speaker, DynaMax/ES100C, 100 W, high output, compact, Class A, with Deutsch connector
<b>Note</b>	
• Speakers noted as Class A meet CCR Title 13, Class A and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier	

### DynaMax/ES100C Accessories & Brackets

Vehicle	Years	Type of Bracket	Model
<b>Multi-vehicle</b>			
	All	Bracket only—(1) ES100C	ESB-U
	All	Bracket only—(1) ES100C, Multiple orientation "L" bracket	ESB-L
	All	Recess mount, stainless steel Electric "F" grille	ESFMT-EF
	All	Bumper/surface mount	ESBMT-SB
	All	Flush mount, Black grille	ESFMT-EFB
<b>Ford</b>			
Expedition	2018-2021	No drill, dual ES100C and Rumbler speaker bracket only—(2) ES100C, (2) Rumbler woofers	ESBR2-EXP18
F-150	2015-2017	Bracket only—(1) ES100C, will not work with EcoBoost models	ESB-FRD15
F-150/Responder	2015-2023	No drill, dual speaker bracket only—(2) ES100C, EcoBoost models only, not compatible with active lower air dam	ESB2-FRD15ND
F-150	2021-2023	No drill, dual speaker bracket only—(2) ES100C, Compatible with models equipped with active air shutters and lower active air dam	ESB2-FRD21ND
F-250/350/450	2020-2024	Multi-vehicle, (1) ES100C	ESB-U
Interceptor Utility	2020-2024	Combination bracket kit—(1) ES100C and (2) MPS lights behind grille, will not work on hybrid models	ESBL-FPIU20
Interceptor Utility	2020-2024	No drill, bracket only—(1) ES100C or (1) AS124, compatible with push bumpers	ESB-FPIU20NDB
Interceptor Utility	2020-2024	No drill, dual speaker bracket only—(2) ES100C or (2) AS124, compatible with push bumpers	ESB2-FPIU20NDB
<b>Dodge</b>			
Charger	2015-2024	Combination bracket kit—(1) ES100C and (2) MPS lights behind grille, does not mount with Rumbler	ESB-CHGR15
Charger	2015-2024	No drill, (1) ES100C, mounts speaker to hood latch assembly	ESB-CHGR15ND
Charger	2015-2024	Single/Dual Speaker bracket—(2) ES100C, does not work with adaptive cruise control option	ESB2-CHGR15
Durango SSV/Pursuit	2015-2023	Combination bracket kit—(1) ES100C and (2) MPS lights behind grille	ESB-DUR15
Durango Pursuit	2021-2023	No drill, combination dual bracket kit—(2) ES100C and (2) MPS lights behind grille	ESBL2-DUR21ND
Ram SSV & Classic	2016-2023	Combination bracket kit—(1) ES100C and (2) MPS lights behind grille (Not compatible with active air shutters)	ESBL-RAM16
Ram Classic	2019-2023	Multi-vehicle, (1) ES100C	ESB-U
Sprinter	2019	Driver side bumper mount, (1) ES100C	ESB-SPRNTR19-D
Sprinter	2019	Passenger side bumper mount, (1) ES100C	ESB-SPRNTR19-P

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

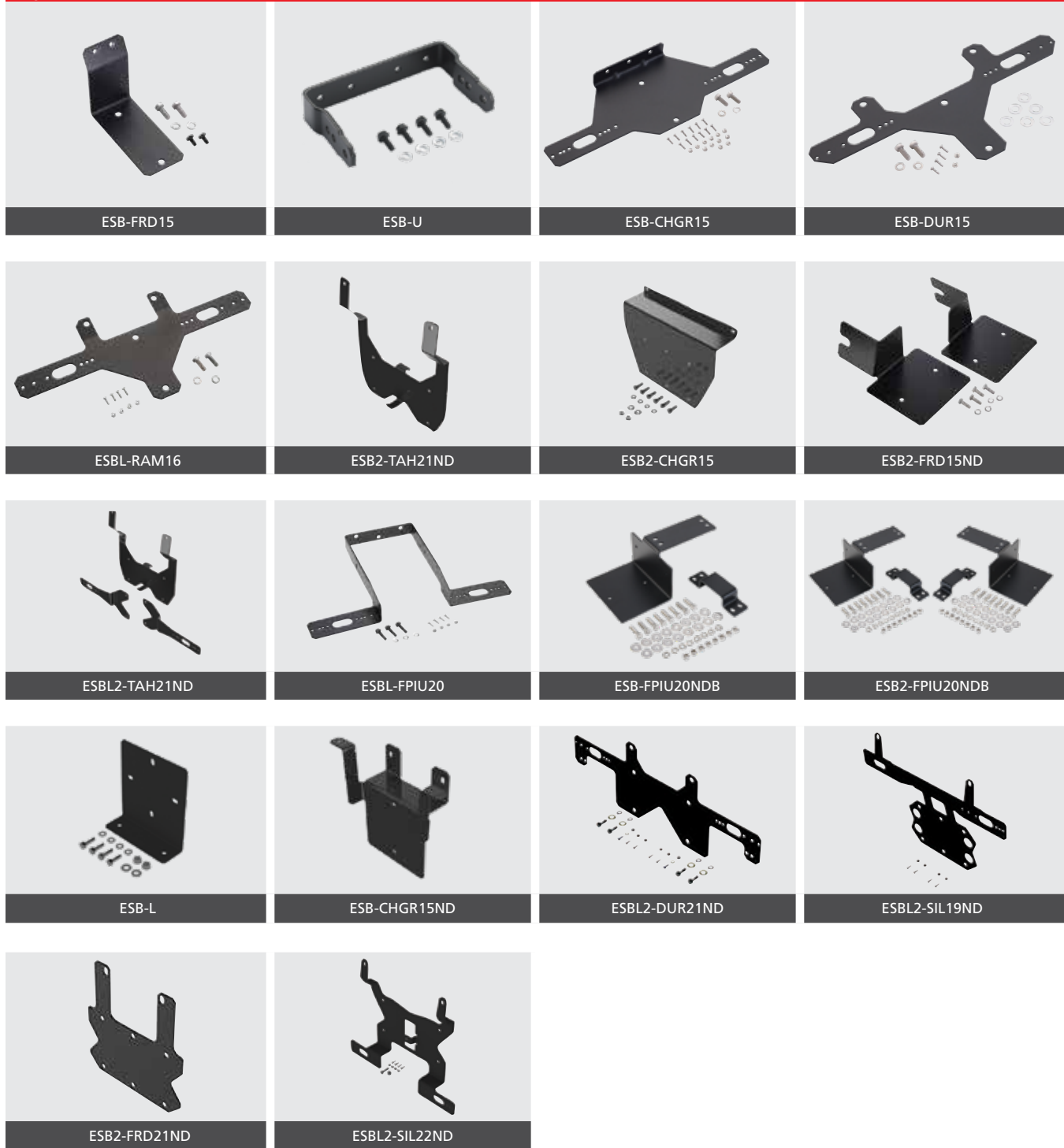
## DynaMax®/ES100C Accessories &amp; Brackets— Continued

Vehicle	Years	Type of Bracket	Model
<b>Chevrolet</b>			
Silverado HD	2019-2021	No drill, bracket only—(1) ES100C on Driver's side	ESB-SILHD20ND
Silverado HD	2019-2021	No drill, dual, brackets only—(1) ES100C on Driver's side and (1) ES100C on Passenger's side	ESB2-SILHD20ND
Silverado 1500/1500 LTD	2019-2021	No drill, combination bracket kit—(1) or (2) ES100C and (2) MPS lights behind grille, will work with active shutters	ESBL2-SIL19ND
Silverado 1500	2022-2023	No drill, combination dual bracket kit — (2) ES100C and (2) MPS lights behind grille	ESBL2-SIL22ND
Tahoe	2021-2024	No drill, dual bracket kit—(2) ES100C behind grille	ESB2-TAH21ND
Tahoe	2021-2024	No drill, combination dual bracket kit—(2) ES100C and (2) MPS lights behind grille	ESBL2-TAH21ND
<b>Vehicle-Specific Kits</b>			
Kenworth, GM Van, Ford F-650, Ford E-250/450	All	Kit, includes (2) ES100C speakers and (2) ESFMT-EF	ES100-ESFMT-EF
<b>Note</b>			
<ul style="list-style-type: none"> <li>MPS lights that are compatible with ES100C brackets are MPS6U, MPS12U, and MPSW9</li> </ul>			

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Effective January 22, 2024

## DynaMax®/ES100C Brackets



Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

# AS124

- Economical 100 W speaker
- Neodymium driver delivers superior sound quality
- Durable composite plastic housing
- Vehicle-specific mounting brackets available
- Two-year warranty



Model	Description
750501	Speaker, 100 W, with multi-vehicle mount bolts and hardware, high output, Class A
750501V	Speaker, 100 W, vertical mounting applications, with multi-vehicle mounting bolts and hardware, high output, Class A

### Accessories and Kits

750501-07	Mounting bracket for vertical applications, push bumper
750501-08	Mounting bracket, Dodge Durango, 2015-2023, does not mount with Rumbler®
750501-09	Mounting bracket, Dodge Charger, 2015-2024
ESB-FPIU20NDB	No drill, bracket only—(1) ES100C or (1) AS124, Police Interceptor Utility, 2020-2024, compatible with push bumpers
ESB2-FPIU20NDB	No drill, dual speaker bracket only—(2) ES100C or (2) AS124, Police Interceptor Utility, 2020-2024, compatible with push bumpers

### Common Replacement Parts

Z8280090A	Driver, AS124
Z8556120B	Kit, BP200/AS124, speaker head
Z8650106A	Housing assembly with labels, AS124

### Note

- Speakers noted as Class A meet CCR Title 13, Class A and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier



750501-07



750501-08



750501-09



ESB2-FPIU20NDB

# TS100-N

- 100 W speaker with bracket included for easy installation
- Neodymium driver delivers superior sound quality
- Weather-resistant housing
- Sound output meets SAE J1849 and Class A
- Two-year warranty



Model	Description
TS100-N	Speaker, 100 W, high-output, standard bracket, Class A

### Common Replacement Parts

Z8470D118	Projector, molded plastic, TS100-N, Black
Z8556082C	Kit, speaker head, TS100-N/CP100
Z8556B096A	Cone, 3.25-inch, Black, TS100/TS100-N
Z8619145A	Driver, TS100-N

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

Effective January 22, 2024

## BP Series

- 200 W speaker features Neodymium driver for increased service life
- Designed to be attractively recess-mounted through the bumper of a vehicle
- Available with the stainless steel Electric "F" grille or the traditional Chrome Q-Siren® grille
- Sound output meets SAE J1849 and Class A
- Two-year warranty



BP200-EF

Model	Description
BP200-EF	200 W, Stainless steel Electric "F" grille, recess mount
BP200-Q	200 W, Chrome Q-Siren grille, recess mount

### Accessory

BPFMT-EF	Recess mount, stainless steel Electric "F" grille
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### Common Replacement Parts

Z8280090A	Driver, 100 W, neomagnet
Z8280104B	Front grille, Q2B siren/BP200-Q, Chrome-plated Q-Siren emblem
Z8556120B	Kit, BP200/AS124, speaker head
Z8567102A	Grille, MSFMT-EF/BP200-EF, stainless steel Electric "F"
Z1751082A	Wire harness, BP200

### Note

- Speakers noted as Class A meet CCR Title 13, Class A and SAE J1849 specifications when used with a Class A approved Federal Signal siren amplifier

Warning: Sirens and Speakers may produce LOUD sounds necessary to request the right-of-way. Siren and Speakers may cause hearing damage. Wear hearing protection.

# Exterior Perimeter Light Feature Comparison

	MicroPulse®				
	MPS3U	MPS6U	MPS12U	MPSW9	C Series
SpectraLux® Multicolor LED Technology	•	•	•		
FSLink®	•	•	•		
FSJoin™	•	•	•	•*	•*
Single-Color	•	•	•	•	•
Dual-Color	•	•	•	•	•
Tri-Color		•	•		
Number of LEDs Determined by Color Combination	3, 6	6, 12, 18	12, 24, 36	9, 12	6, 8
Sync Flashing Capability	•	•	•	•	•
Clear Lens	•	•	•	•	•
Smoked Lens	•	•	•		
Warranty (years)	5	5	5	5	5

	QuadraFlare®				FireRay®		
	4x3	6x4	7x3	9x7	6x4	7x3	9x7
Solaris® LED Reflector Technology	•	•	•	•			
Single-Color	•	•	•	•	•	•	•
Dual-Color					•	•	•
Split-Color	•	•	•	•			
Number of LEDs Determined by Color Combination	16	16	16	16	24	24	36
Sync Flashing Capability	•	•	•	•	•	•	•
Clear Lens Available	•	•	•	•	•	•	•
Warranty (years)	5	5	5	5	5	5	5

\* Steady burn models only

Effective January 22, 2024

## FireRay® LED 6x4

- Available in standard industry 6x4 size
- Single-and dual-color models available
- Scene, Brake/Tail/Turn, Turn Arrow and Backup light models available
- Available with built-in flasher featuring (13) selectable patterns and (4) flashing modes
- LEDs offered in Amber, Blue, Red or White
- Lenses offered in Amber, Blue, Red or Clear
- Five-year warranty



FR6R1-R  
(shown with optional Chrome bezel, model FR6MC)

Model	Description
<b>6x4 Single-Color Warning lights with Color lens and built-in flasher</b>	
FR6A1-A	Amber LEDs, Amber lens
FR6B1-B	Blue LEDs, Blue lens
FR6R1-R	Red LEDs, Red lens
<b>6x4 Single-Color Warning lights with Clear lens and built-in flasher</b>	
FR6C1-R	Red LEDs, Clear lens
FR6C1-B	Blue LEDs, Clear lens
FR6C1-A	Amber LEDs, Clear lens
FR6C1-W	White LEDs, Clear lens
<b>6x4 Dual-Color Warning lights with Clear lens and built-in flasher</b>	
FR6C2-RW	Red/White LEDs, Clear Lens
FR6C2-BW	Blue/White LEDs, Clear Lens
FR6C2-AW	Amber/White LEDs, Clear Lens
FR6C2-RB	Red/Blue LEDs, Clear Lens
FR6C2-RA	Red/Amber LEDs, Clear Lens
FR6C2-BA	Blue/Amber LEDs, Clear Lens
<b>6x4 Scene light</b>	
FR6LEDSCENE	Scene light, Clear lens
<b>6x4 Brake/Tail/Turn and Backup lights</b>	
FR6-BACKUP	Backup light, White LEDs, Clear lens
FR6-BTT	Brake/Tail/Turn, Red LEDs, Red lens
FR6-ARROW	Arrow, Amber LEDs, Amber lens
<b>Accessories and Kits</b>	
FR6MC	Trim bezel, Chrome
FR6MB	Trim bezel, Black
FR6MC4V	4-position vertical casting, Chrome
FR6MB4V	4-position vertical casting, Black
FR6MC3V	3-position vertical casting, Chrome
FR6MHL	Headlight Mount Kit
FR6-A4HMC	Mounting kit to convert FireRay 6x4 to fit in QuadraFlare® 6x4 mounting holes



FireRay LED 6x4 (FR6C1-R) mounted on bumper with two-to-four hole conversion kit (FR6-A4HMC)



FireRay LED three-position vertical casting with FireRay LED 6x4 brake/tail/turn (FR6-BTT), arrow (FR6-ARROW), and backup (FR6-BACKUP)



FR6MC4V



FR6-ARROW



# FireRay® LED 7x3

- Single- and dual-color models are available
- LEDs offered in Amber, Blue, Red or White
- Lenses offered in Amber, Clear or Red
- Available with built-in flasher featuring (13) selectable patterns and (4) flashing modes
- Five-year warranty



FR7R1-R  
(shown with optional Chrome bezel,  
model FR7MC)

Model	Description
<b>7x3 Single-Color Warning lights with Color lens and built-in flasher</b>	
FR7A1-A	Amber LEDs, Amber lens
FR7R1-R	Red LEDs, Red lens
<b>7x3 Single-Color Warning lights with Clear lens and built-in flasher</b>	
FR7C1-A	Amber LEDs, Clear lens
FR7C1-B	Blue LEDs, Clear lens
FR7C1-R	Red LEDs, Clear lens
FR7C1-W	White LEDs, Clear lens
<b>7x3 Dual-Color Warning lights with Clear lens and built-in flasher</b>	
FR7C2-RW	Red/White LEDs, Clear Lens
FR7C2-BW	Blue/White LEDs, Clear Lens
FR7C2-AW	Amber/White LEDs, Clear Lens
FR7C2-RB	Red/Blue LEDs, Clear Lens
FR7C2-BA	Blue/Amber LEDs, Clear Lens
<b>7x3 Scene light</b>	
FR7LEDSCENE	Scene light, Clear lens
<b>Accessories and Kits</b>	
FR7MC	Trim bezel, Chrome
FR7MB	Trim bezel, Black
FR7-A4HMC	Mounting kit to convert FireRay 7x3 to fit in QuadraFlare® 7x3 mounting holes

Effective January 22, 2024

## FireRay® LED 9x7

- Available in standard industry 9x7 size
- Single- and dual-color models available
- Available with built-in flasher featuring (13) selectable patterns and (4) flashing modes
- LEDs offered in Amber, Blue, Red or White
- Lenses offered in Amber, Blue, Red or Clear
- Five-year warranty



FR9R1-R  
(shown with optional Chrome bezel,  
model FR9MC)

Model	Description
<b>9x7 Single-Color Warning lights with Color lens and built-in flasher</b>	
FR9A1-A	Amber LEDs, Amber lens
FR9B1-B	Blue LEDs, Blue lens
FR9R1-R	Red LEDs, Red lens
<b>9x7 Single-Color Warning lights with Clear lens and built-in flasher</b>	
FR9C1-A	Amber LEDs, Clear lens
FR9C1-B	Blue LEDs, Clear lens
FR9C1-R	Red LEDs, Clear lens
FR9C1-W	White LEDs, Clear lens
<b>9x7 Dual-Color Warning lights with Clear lens and built-in flasher</b>	
FR9C2-RW	Red/White LEDs, Clear Lens
FR9C2-BW	Blue/White LEDs, Clear Lens
FR9C2-AW	Amber/White LEDs, Clear Lens
FR9C2-RB	Red/Blue LEDs, Clear Lens
<b>9x7 Scene light</b>	
FR9LEDSCENE	Scene light, Clear lens
<b>Accessories and Kits</b>	
FR9MC	Trim bezel, Chrome
FR9MB	Trim bezel, Black
FR9MCSCENE	Trim bezel, Scene light, Chrome
FR9MBSCENE	Trim bezel, Scene light, Black
FR9-A4HMC	Mounting kit to convert FireRay 9x7 to fit in QuadraFlare® 9x7 mounting holes



FireRay LED 9x7 (FR9C1-R) mounted  
on side and rear of fire engine

# QuadraFlare® 4x3

- Available in standard industry 4x3 size
- Enhanced lens design provides outstanding performance to meet various industry lighting specifications
- Offered with built-in flasher featuring a variety of selectable patterns
- Single model offers both "split" and "solid" flashing capabilities
- LEDs offered in Amber, Blue, Red or White
- Optional Chrome-plated trim bezel available
- SAE J845, J595 Class 1; White, Class 2
- Five-year warranty



QL43C-RW  
(shown with optional Chrome bezel,  
model QL43MC)



Model	Description
<b>4x3 Warning lights with Color lens and built-in flasher</b>	
QL43-AA	Amber LEDs, Amber lens
QL43-BB	Blue LEDs, Blue lens
QL43-RR	Red LEDs, Red lens
<b>4x3 Warning lights with Clear lens and built-in flasher</b>	
QL43C-AA	Amber LEDs, Clear lens
QL43C-BB	Blue LEDs, Clear lens
QL43C-RR	Red LEDs, Clear lens
QL43C-WW	White LEDs, Clear lens
<b>4x3 Split color Warning lights with Clear lens and built-in flasher</b>	
QL43C-BA	Blue/Amber LEDs split, Clear lens
QL43C-RB	Red/Blue LEDs split, Clear lens
QL43C-RW	Red/White LEDs split, Clear lens
<b>4x3 Brake/Tail/Turn, Backup and Turn Lights</b>	
QL43-BACKUP	Backup light, White LEDs, Clear lens
QL43-BTT	Brake/Tail/Turn, Red LEDs, Red lens
QL43-TURN	Turn light, Amber LEDs, Amber lens
<b>Accessory</b>	
QL43MC	Trim bezel, Chrome with gasket

### Note

- All light head models include mounting hardware. Bezels sold separately

Effective January 22, 2024

## QuadraFlare® 6x4

- Available in standard industry 6x4 size
- Surpasses NFPA and GSA K-spec compliant upper and lower level requirements
- LEDs available in Amber, Blue, Green, Red or White
- Offered with built-in flasher featuring a variety of selectable patterns
- Single model offers both "split" and "solid" flashing capabilities
- Industry standard mounting dimensions
- Optional Chrome-plated trim bezel
- Brake/Tail/Turn, Turn Arrow and Backup light models also available
- Five-year warranty



Model	Description
<b>6x4 Warning lights with Color lens and built-in flasher</b>	
QL64-AA	Amber LEDs, Amber lens
QL64-BB	Blue LEDs, Blue lens
QL64-GG	Green LEDs, Green lens
QL64-RR	Red LEDs, Red lens
QL64-RRDEU	Red LEDs, Red lens, with Deutsch connector
<b>6x4 Warning lights with Clear lens and built-in flasher</b>	
QL64C-AA	Amber LEDs, Clear lens
QL64C-BB	Blue LEDs, Clear lens
QL64C-GG	Green LEDs, Clear lens
QL64C-RR	Red LEDs, Clear lens
QL64C-WW	White LEDs, Clear lens
<b>6x4 Split color Warning lights with Clear lens and built-in flasher</b>	
QL64C-AG	Amber/Green LEDs split, Clear lens
QL64C-RB	Red/Blue LEDs split, Clear lens
QL64C-RG	Red/Green LEDs split, Clear lens
QL64C-RW	Red/White LEDs split, Clear lens
<b>6x4 Scene Light</b>	
QL64LEDSCENE-SB	White LEDs, surface mount

Model	Description
<b>6x4 Brake/Tail/Turn and Backup lights</b>	
QL64-BTT	Brake/Tail/Turn, Red LEDs, Red lens
QL64-ARROW	Turn arrow, Amber LEDs, Amber lens
QL64-TURN	Turn light, Amber LEDs, Amber lens
QL64-BACKUP	Backup light, White LEDs, Clear lens
<b>6x4 3-Position Vertical Casting</b>	
QL643V-LEFT	Installed QL64-BTT, QL64-ARROW (left facing), QL64-BACKUP
QL643V-RIGHT	Installed QL64-BTT, QL64-ARROW (right facing), QL64-BACKUP
QL643V-LED	Installed QL64-BTT, QL64-TURN, QL64-BACKUP
QL643V	Casting with gasket
<b>6x4 3-Position Horizontal Casting</b>	
QL643H-LEFT	Installed QL64-BTT, QL64-ARROW (left facing), QL64-BACKUP
QL643H-RIGHT	Installed QL64-BTT, QL64-ARROW (right facing), QL64-BACKUP
QL643H-LEDLEFT	Installed QL64-BTT, QL64-TURN, QL64-BACKUP
QL643H-LEDRIGHT	Installed QL64-BTT, QL64-TURN, QL64-BACKUP
QL643H	Casting with gasket
<b>6x4 4-Position Vertical Casting</b>	
QL644V-LEFT	Installed QL64-BTT, QL64-ARROW (left facing), QL64-BACKUP, QL64-RR
QL644V-RIGHT	Installed QL64-BTT, QL64-ARROW (right facing), QL64-BACKUP, QL64-RR
QL644V-LED	Installed QL64-BTT, QL64-TURN, QL64-BACKUP, QL64-RR
QL644V	Casting with gasket
<b>Accessories and Kits</b>	
QL64MBLK	Trim bezel, Black with gasket
QL64MC	Trim bezel, Chrome with gasket
QL64MHL	Headlight mount kit
650302	LED Flasher, (16) channels, (40) A total capacity, K-spec compliant

**Note**

- All light head models include mounting hardware. Bezels sold separately



# QuadraFlare® 7x3

- Available in standard industry 7x3 size
- Surpasses NFPA and GSA K-spec compliant upper and lower level requirements
- Offered with built-in flasher featuring a variety of selectable patterns
- Single model offers both “split” and “solid” flashing capabilities
- Industry standard mounting dimensions
- LEDs offered in Amber, Blue, Green, Red or White
- Optional Chrome-plated trim bezel available
- Five-year warranty



QL73C-RR  
(shown with optional Chrome  
bezel, model QL73MC)



QL73C-RW  
(shown with optional Chrome  
bezel, model QL73MC)



Model	Description
<b>7x3 Warning lights with Color lens and built-in flasher</b>	
QL73-AA	Amber LEDs, Amber lens
QL73-BB	Blue LED, Blue lens
QL73-RR	Red LEDs, Red lens
<b>7x3 Warning lights with Clear lens and built-in flasher</b>	
QL73C-AA	Amber LEDs Clear lens
QL73C-BB	Blue LEDs, Clear lens
QL73C-GG	Green LEDs, Clear lens
QL73C-RR	Red LEDs, Clear lens
QL73C-WW	White LEDs, Clear lens
<b>7x3 Split-color Warning lights with Clear lens and built-in flasher</b>	
QL73C-RB	Red/Blue LEDs split, Clear lens
QL73C-RW	Red/White LEDs split, Clear lens
<b>7x3 Scene Light</b>	
QL73LEDSCENE-SB	White LED, surface mount, Clear lens
<b>7x3 Brake/Tail/Turn and Backup lights</b>	
QL73-BTT	Brake/Tail/Turn, Red LEDs, Red lens
QL73-BACKUP	Backup light, White LEDs, Clear lens
QL73-ARROW	Turn arrow, Amber LEDs, Amber lens
<b>Accessories and Kits</b>	
QL73MBLK	Trim bezel, Black with gasket
QL73MC	Trim bezel, Chrome with gasket
650302	LED Flasher, (16) channels, 40 A total capacity, K-spec compliant

### Note

- All light head models include mounting hardware. Bezels sold separately

Effective January 22, 2024

## QuadraFlare® 9x7

- Available in standard industry 9x7 size
- Meets NFPA and GSA K-spec compliant upper and lower level requirements
- Features unique Quad-X patterns
- Single model offers both “split” and “solid” flashing capabilities
- Available with built-in flasher featuring a variety of OEM friendly selectable patterns
- LEDs offered in Amber, Blue, Red or White
- Optional Chrome-plated trim bezel
- Five-year warranty



QL97C-RW  
(shown with optional Chrome bezel, model QL97MC)



Model	Description
<b>9x7 Warning lights with Color lens and built-in flasher</b>	
QL97-AA	Amber LEDs, Amber lens
QL97-BB	Blue LEDs, Blue lens
QL97-RR	Red LEDs, Red lens
<b>9x7 Warning lights with Clear lens and built-in flasher</b>	
QL97C-AA	Amber LEDs, Clear lens
QL97C-BB	Blue LEDs, Clear lens
QL97C-RR	Red LEDs, Clear lens
QL97C-WW	White LEDs, Clear lens
<b>9x7 Split color Warning lights with Clear lens and built-in flasher</b>	
QL97C-RA	Red/Amber LEDs split, Clear lens
QL97C-RB	Red/Blue LEDs split, Clear lens
QL97C-RW	Red/White LEDs split, Clear lens
<b>9x7 Scene Light</b>	
QL97LEDSCENE-SB	White LEDs, Clear lens, surface mount
<b>Accessories and Kits</b>	
QL97MBLK	Trim bezel, Black with gasket
QL97MC	Trim bezel, Chrome with gasket
650302	LED flasher, (16) channels, 40 A total capacity, K-spec compliant
<b>Note</b>	
• All light head models include mounting hardware. Bezels sold separately	

# MicroPulse® Ultra

- Ultra low-profile design offers wide range of mounting options
- Multiple units are synchronizable and can flash simultaneously or alternately
- (25) Flash patterns
- Single-, dual-, and tri-color models are available
- Optional bezels available in Chrome or White
- Five-year warranty



Model	Description
<b>MicroPulse Ultra 12, Single-Color, Clear lens</b>	
MPS121U-A	(12) LEDs, Amber
MPS121U-R	(12) LEDs, Red
<b>MicroPulse Ultra 12, Dual-Color, Clear lens</b>	
MPS122U-BW	(24) LEDs, Blue/White
MPS122U-AW	(24) LEDs, Amber/White
MPS122U-RW	(24) LEDs, Red/White
MPS122U-RB	(24) LEDs, Red/Blue
<b>MicroPulse Ultra 12, Tri-Color, Clear lens</b>	
MPS123U-BAW	(36) LEDs, Blue/Amber/White
MPS123U-RAW	(36) LEDs, Red/Amber/White
MPS123U-RBW	(36) LEDs, Red/Blue/White
MPS123U-AGW	(36) LEDs, Amber/Green/White
MPS123U-RBA	(36) LEDs, Red/Blue/Amber
<b>MicroPulse Ultra 12, Tri-Color, Smoked lens</b>	
MPS123U-RBW-SMK	(36) LEDs, Red/Blue/White
<b>MicroPulse Ultra 6, Single-Color, Clear lens</b>	
MPS61U-A	(6) LEDs, Amber
MPS61U-B	(6) LEDs, Blue
MPS61U-R	(6) LEDs, Red
MPS61U-W	(6) LEDs, White
<b>MicroPulse Ultra 6, Dual-Color, Clear lens</b>	
MPS62U-AW	(12) LEDs, Amber/White
MPS62U-RB	(12) LEDs, Red/Blue
MPS62U-BA	(12) LEDs, Blue/Amber
MPS62U-BW	(12) LEDs, Blue/White
MPS62U-RW	(12) LEDs, Red/White
<b>MicroPulse Ultra 6, Tri-Color, Clear lens</b>	
MPS63U-RBA	(18) LEDs, Red/Blue/Amber
MPS63U-RBW	(18) LEDs, Red/Blue/White
MPS63U-BAW	(18) LEDs, Blue/Amber/White
MPS63U-RAW	(18) LEDs, Red/Amber/White
MPS63U-AGW	(18) LEDs, Amber/Green/White
<b>MicroPulse Ultra 6, Tri-Color, Clear lens, 8-ft. (243.8 cm) cable</b>	
MPS63U-8FT-RBW	(18) LEDs, Red/Blue/White

Model	Description
<b>MicroPulse Ultra 6, Tri-Color, Smoked lens</b>	
MPS63U-RBW-SMK	(18) LEDs, Red/Blue/White
<b>MicroPulse Ultra 3, Single-Color, Clear lens</b>	
MPS31U-A	(3) LEDs, Amber
MPS31U-B	(3) LEDs, Blue
MPS31U-G	(3) LEDs, Green
MPS31U-R	(3) LEDs, Red
MPS31U-W	(3) LEDs, White
<b>MicroPulse Ultra 3, Dual-Color, Clear lens</b>	
MPS32U-RB	(6) LEDs, Red/Blue
MPS32U-RW	(6) LEDs, Red/White
MPS32U-BW	(6) LEDs, Blue/White
MPS32U-AW	(6) LEDs, Amber/White
MPS32U-BA	(6) LEDs, Blue/Amber
MPS32U-RA	(6) LEDs, Red/Amber
MPS32U-AG	(6) LEDs, Amber/Green
<b>MicroPulse Ultra 3, Dual-Color, Smoked lens</b>	
MPS32U-RB-SMK	(6) LEDs, Red/Blue
MPS32U-BW-SMK	(6) LEDs, Blue/White
MPS32U-RW-SMK	(6) LEDs, Red/White
<b>Accessories</b>	
MPSUMB3-1	Chrome bezel for (1) MicroPulse Ultra 3
MPSUMB3-2	White bezel for (1) MicroPulse Ultra 3
MPSUMB6-1	Chrome bezel for (1) MicroPulse Ultra 6
MPSUMB6-2	White bezel for (1) MicroPulse Ultra 6
MPSUMB12-1	Chrome bezel for (1) MicroPulse Ultra 12
MPSUMB12-2	White bezel for (1) MicroPulse Ultra 12
<b>Common Replacement Parts</b>	
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
<b>Notes</b>	
<ul style="list-style-type: none"> <li>• All light head models include Black bezel and hardware kit</li> <li>• Visit <a href="http://www.fedsig.com">www.fedsig.com</a> to view MicroPulse Ultra flash patterns</li> </ul>	

Effective January 22, 2024

## MicroPulse® Ultra D-Pillar

- Complete system includes (6) MPS6U tri-color light heads, (2) shroud/bracket assemblies, (2) harnesses, and (1) EXPMOD24 Expansion Module
- Vacuum formed shrouds fit vehicle's back pillars and are mounted with 3M® VHB tape
- Preassembled with pre-terminated MPS6U light heads to reduce installation time
- Compatible with a Convergence Network/FSJoin™ siren or controller, sold separately
- Five-year warranty



Model	Description
ELSD-FPIU20RBA	Lighting system, D-Pillar, 2020-2024 Ford Police Interceptor Utility, Red/Blue/Amber
ELSD-FPIU20RBW	Lighting system, D-Pillar, 2020-2024 Ford Police Interceptor Utility, Red/Blue/White
ELSD-TAH21RBA	Lighting system, D-Pillar, 2021-2024 Chevrolet Tahoe/Suburban, Red/Blue/Amber
ELSD-TAH21RBW	Lighting system, D-Pillar, 2021-2024 Chevrolet Tahoe/Suburban, Red/Blue/White

## MicroPulse® Wide Angle 9

- Utilizes (9) or (12) LEDs, 180-degree light spread
- Single- and dual-color models available
- Perfect for mounting on push bumpers, rub rails, side mirrors and spoilers
- Black bezel included with light; optional Chrome or White bezels available
- LEDs available in Amber, Blue, Red and White
- Five-year warranty



MPSW9-R

Model	Description
<b>MicroPulse Wide Angle 9, Single-Color, Clear lens, surface mount, 12/24 Vdc</b>	
MPSW9-A	(9) LEDs, Amber
MPSW9-B	(9) LEDs, Blue
MPSW9-R	(9) LEDs, Red
MPSW9-W	(9) LEDs, White
<b>MicroPulse Wide Angle 9, Dual-Color, Clear lens, surface mount, 12 Vdc</b>	
MPSW9-BA	(12) LEDs, Blue/Amber
MPSW9-RA	(12) LEDs, Red/Amber
MPSW9-AW	(12) LEDs, Amber/White
MPSW9-RB	(12) LEDs, Red/Blue
MPSW9-BW	(12) LEDs, Blue/White
MPSW9-RW	(12) LEDs, Red/White

### 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
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### Notes

- All light head models include Black bezel and hardware kit
- Visit [www.fedsig.com](http://www.fedsig.com) to view MicroPulse Wide Angle 9 flash patterns



## MicroPulse® C Series

- Superior warning with (6) or (8) high-powered LEDs
- Single- and dual-color models are available
- Includes Black surface mount bezel and stud mount
- Low-profile for discreet mounting
- Multiple units can be synchronized to flash simultaneously or alternately
- (27) selectable flash patterns including steady and random
- Five-year warranty



MPSC2-RW



MPSC2-RW

Model	Description
<b>Single-Color, Clear lens, surface and stud mount, 12 Vdc</b>	
MPSC-A	(6) LEDs, Amber
MPSC-B	(6) LEDs, Blue
MPSC-R	(6) LEDs, Red
MPSC-W	(6) LEDs, White
<b>Dual-Color, Clear lens, surface and stud mount, 12 Vdc</b>	
MPSC2-RB	(8) LEDs, Red/Blue
MPSC2-BW	(8) LEDs, Blue/White
MPSC2-RW	(8) LEDs, Red/White
MPSC2-AW	(8) LEDs, Amber/White
<b>Note</b>	
• All light head models include Black bezel and hardware kit	

## MicroPulse® 650/652

- Multiple mounting options for various applications
- Superior warning with (6) or (12) high-powered LEDs
- Single- and dual-color models are available
- LEDs offered in Amber, Blue, Red and White
- Single/multi-unit synchronization
- Five-year warranty



MPS650-RR

Model	Description	Model	Description
<b>MicroPulse 6, Single-Color, Clear lens, hood/grille mount, 12/24 Vdc</b>		<b>MicroPulse 6, Dual-Color, Clear lens, hood/grille mount, 12/24 Vdc</b>	
MPS650-AA	(6) LEDs, Amber/Amber	MPS652-BR	(12) LEDs, Blue/Red
MPS650-BB	(6) LEDs, Blue/Blue	MPS652-BW	(12) LEDs, Blue/White
MPS650-RR	(6) LEDs, Red/Red	MPS652-RW	(12) LEDs, Red/White
MPS650-WW	(6) LEDs, White/White	MPS652-WA	(12) LEDs, White/Amber

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## SignalTech® LED Lights

- Reflector cell technology enhances brightness and reduces sunlight washout
- Enhanced lens design for a uniform pattern
- Solid-state components are potted to withstand rugged road conditions
- FMVSS (Federal Motor Vehicle Safety Standards) 108 compliant
- Three-year warranty



607123-02SB







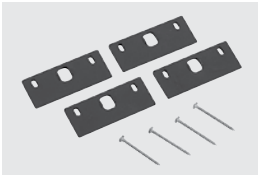



607123-04SB

Model	Description
<b>Kit includes LED light, rubber mount grommet, sealed wire harness</b>	
<b>4-inch Round LED light kits, 12/24 Vdc</b>	
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
<b>6-inch Oval LED light kit, 12/24 Vdc</b>	
607101-02SB	Amp harness, Amber
607101-03SB	Amp harness, Blue
607101-04SB	Amp harness, Red
607101-05SB	Amp harness, White
<b>S/T/T and Backup lights</b>	
<b>Kit includes LED light, rubber mounting grommet, sealed wire harness</b>	
<b>4-inch Round LED light kits, 12/24 Vdc</b>	
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
<b>6-inch Oval LED light kits, 12/24 Vdc</b>	
607105-04SB	Stop/Tail/Turn light, Amp harness, Red
607106-02SB	Turn light, Amp harness, Amber
607125-05SB	Backup light, Amp harness, White
<b>Side Marker/Clearance light kits, 12 Vdc</b>	
607120-02SB	2.5-inch round, PL10 harness, Amber
607120-04SB	2.5-inch round, PL10 harness, Red
<b>Indicator Light</b>	
607121-04SB	1.5-inch flashing and steady, Red
<b>Accessories and Kits</b>	
605501-02SB	6-inch oval flashing LED light head, Amber; -04 (Red)
605520SB	4-inch round Kit, rubber mounting grommet
605510SB	6-inch oval Kit, rubber mounting grommet
605523-02SB	4-inch round flashing LED light head, Amber; -03 (Blue); -04 (Red)
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








## MicroPulse® Ultra 3

				
<b>MPSM3-LB</b>	<b>MPSM3-DS</b>	<b>MPSM3-DL</b>	<b>MPSM3-SB</b>	<b>MPSM3UC-SPACRKT</b>
Generic L-Bracket for (1) MPS3U light	Generic L-Bracket for (2) MPS3U lights, stacked	Generic L-Bracket for (2) MPS3U lights, side-by-side	Swivel Mount Bracket for (1) MPS3U light	Kit of four 5-degree rubber mounting wedges for use with MPS3U lights

## MicroPulse 6 and MicroPulse Ultra 6

				
<b>MPSM6-LB</b>	<b>MPSM6-DS</b>	<b>MPSM6-DL</b>	<b>MPSM6-SB</b>	<b>MPSM6-SPACRKT</b>
Generic L-bracket for (1) MPS6U light	Generic L-bracket for (2) MPS6U lights, stacked	Generic L-bracket for (2) MPS6U lights, side-by-side	Swivel mount bracket for (1) MPS6U light	Kit of four 5-degree rubber mounting wedges for use with MPS600 lights
				
<b>MPSM6U-SPACRKT</b>	<b>MPSM650-SPACRKT</b>	<b>MPSM6U-FPIU20SMW</b>	<b>MPSM6U-FPIU20WW</b>	<b>MPSM6U-WIN</b>
Kit of four 5-degree rubber mounting wedges for use with MPS6U lights	Kit of four 5-degree rubber mounting wedges for use with (2) MPS650 lights	Kit of two 20-degree rubber mounting wedges, each wedge mounts (1) MPS6U light to each side mirror arm, Ford Police Interceptor Utility, 2020-2024	Kit of four rubber mounting wedges, each wedge mounts (1) MPS6U light to each of the four wheel arch moldings, Ford Police Interceptor Utility, 2020-2024	Adhesive mount for (1) MPS6U light. Kit includes 90°, 67°, 46°, and 30° shrouds

## MicroPulse Ultra 12

				
<b>MPSM12-LB</b>	<b>MPSM12-DS</b>	<b>MPSM12-DL</b>	<b>MPSM12-SB</b>	<b>MPSM12U-SPACRKT</b>
Generic L-bracket for (1) MPS12U light	Generic L-bracket for (2) MPS12U lights, stacked	Generic L-bracket for (2) MPS12U lights, side-by-side	Swivel mount bracket for (1) MPS12U light	Kit of four 5-degree rubber mounting wedges for use with MPS12U lights
				
<b>MPSUMA12-1</b>	<b>MPSUMA12-3</b>	<b>MPSM12U-FRD23DTL</b>	<b>MPSM12U-FRD23DTL2</b>	
40° angled bezel for (1) MPS12U light, Chrome	40° angled bezel for (1) MPS12U light, Black	Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/ MPS12U light, Ford F-150, 2023	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	

Effective January 22, 2024

## MicroPulse® C Series



MPSMC-LBWN

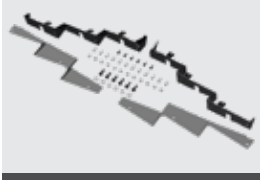
L-bracket kit for (1) MPSC light



MPSMC-SBWN

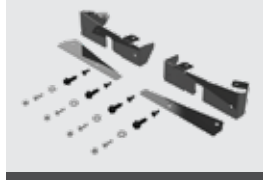
Swivel mount bracket for (1) MPSC light

## Spoiler



MPSM6-TA21RS

Pair of spoiler brackets, each bracket holds (3) MPS6U lights, Chevrolet Tahoe, 2021-2024



MPSM6-TA21RS1

2-head MPS6U spoiler bracket kit, Chevrolet Tahoe, 2021-2024



MPSM6-FPIU20RS1

Pair of spoiler brackets, each bracket holds, (1) MPS6U light, Ford Police Interceptor Utility, 2020-2024



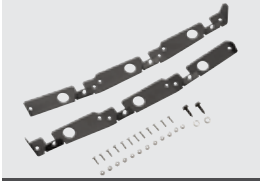
MPSM6-FPIU20RS2

Pair of spoiler brackets, each bracket holds (3) MPS6U lights, Ford Police Interceptor Utility, 2020-2024



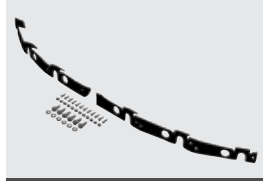
MPSM6-FPIU20RS3

Pair of spoiler brackets, each bracket holds (2) MPS6U lights, Ford Police Interceptor Utility, 2020-2024



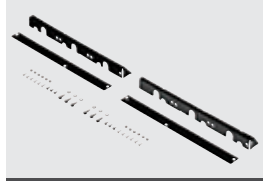
MPSM6-DU15RS

6-head MPS6U spoiler bracket kit, Dodge Durango, 2015-2020



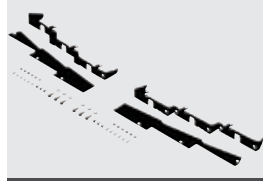
MPSM6-DU22RS

6-head MPS6U spoiler bracket kit, Dodge Durango, 2022-2023



MPS6U-SIL19RS6

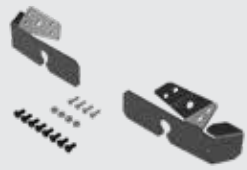
Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Chevrolet Silverado 2019-2023



MPSM6-EXP22RS6

Rear spoiler bracket kit, (3) MPS6U lights on each side of spoiler, Ford Expedition, 2022-2024

Side Mirror



MPSMW9-TAH21MIR

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Tahoe, 2021-2024



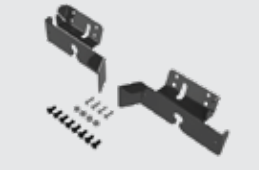
MPSMW9-SIL19MIR

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Chevrolet Silverado 1500, 2019-2023



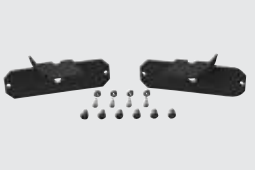
MPSMW9-FPIU20MIR

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford Police Interceptor Utility, 2020-2024



MPSMW9-FRD21MIR

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford F-150 (non-towing mirrors)/Lightning, 2021-2023



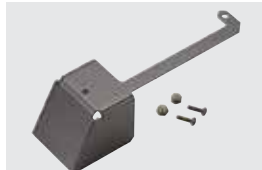
MPSMW9-DUR21MIR

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Durango, 2015-2023



MPSMW9-RAM19MIR

Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Ram, 2019-2022; Dodge Ram new body style



MPSMW9-SHD

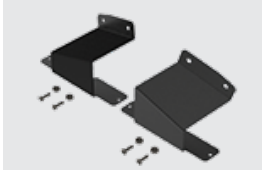
Shroud for (1) MPSW9 light, multi-vehicle applications



MPSMW9-CHGR11MIR

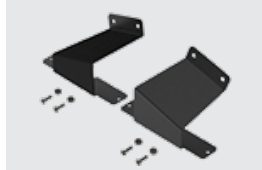
Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Dodge Charger, 2011-2024

B-Pillar



MPSM6U-BP1

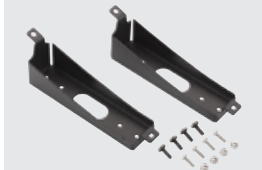
Pair of B-pillar brackets, each bracket mounts (1) MPS6U light on the rear of B-pillar, Dodge Charger, 2011-2024



MPSM6U-BP2

Pair of B-pillar brackets, each bracket mounts (1) MPS6U light on the rear of B-pillar, Chevrolet Tahoe, 2021-2024 and Ford Police Interceptor Utility, 2020-2024

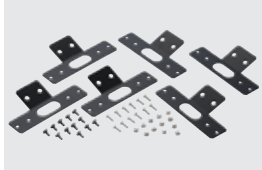
Fog Light Area



MPS6U-FPIU20FOG

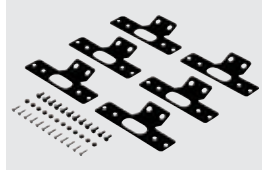
Pair of fog light brackets, each bracket holds (1) MPS3U/ MPS6U light, Ford Police Interceptor Utility, 2020-2024

Running Board



MPSM6-FRD15RB

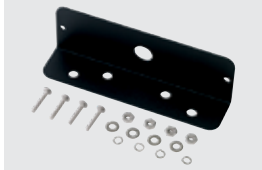
(6) Running board brackets, each bracket holds (1) MPS6U light, Ford F-150 Responder, 2015-2023 (Includes XL and XLT trim levels with OEM running boards)



MPSM6U-FD15UPRB

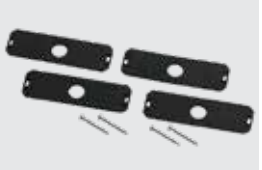
(6) Upper running board brackets, each bracket holds (1) MPS6U light, Ford F-150 Responder, 2015-2023

Wide Angle



MPSMW9-LB

L-Bracket for (1) MPSW9





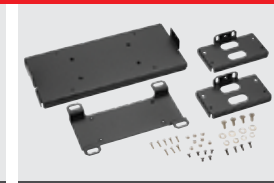
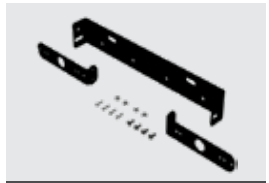



MPSMW9-SPACRKT


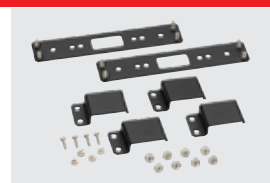
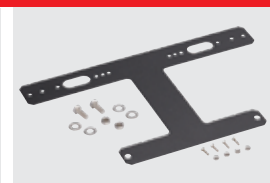

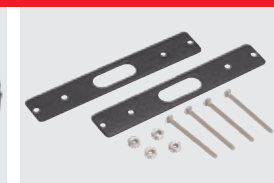
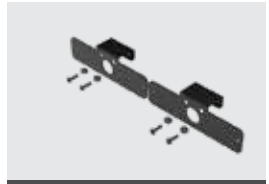

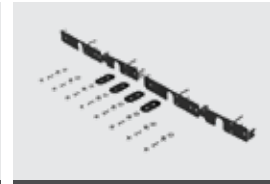
Kit for (4) 5-degree rubber mounting wedges for use with MPSW9 lights

Effective January 22, 2024

## License Plate

 <p><b>IPX-LPV1</b></p>	 <p><b>IPX-LPV2</b></p>	 <p><b>IPX-LPVX1</b></p>	 <p><b>IPX-LPH1</b></p>	 <p><b>MPSM6-LPV1</b></p>
<p>Flat surface license plate bracket, mounts MPS3U lights, various vehicles without recessed plate mounting locations</p>	<p>Adjustable license plate bracket, mounts MPS3U/MPS6U/ MPS12U lights to the license plate of popular vehicles</p>	<p>Extended license plate bracket, mounts MPS3U lights, for vehicles with a recessed license plate mount location</p>	<p>Generic high side license plate holder with horizontal mount tab on each side, mounts MPS3U lights, fits most vehicles</p>	<p>Vertical mount license plate brackets, each bracket holds (2) MPS6U light heads on each side</p>
 <p><b>MPSM-LPH1</b></p>	 <p><b>MPSM6-LPH1</b></p>			
<p>Horizontal license plate bracket, mounts (2) MPS3U/MPS6U/ MPSC lights, fits most vehicles</p>	<p>Horizontal license plate mount, (2) MPS6U, MPS12U, MPSW9 lights</p>			

## Grille

 <p><b>IPX-GRL8</b></p>	 <p><b>IPX-GRL14</b></p>	 <p><b>IPX-GRL16</b></p>	 <p><b>IPX-GRL17</b></p>	 <p><b>MPSM6-GRL1</b></p>
<p>Pair of grille brackets with hardware, horizontal mount orientation, each bracket holds (1) MPS3U/MPS6U/ MPS12U light, Dodge Charger, 2015-2024, without Rumbler® installation</p>	<p>Pair of grille brackets, horizontal mount, no drill, each bracket holds (1) MPS3U/MPS6U light, Ford-150 Responder, 2018-2023 (will work on lower end trim level grilles on XL and XLT models)</p>	<p>Single grille bracket with hardware, no drill, horizontal mount orientation, bracket holds (2) MPS3U/MPS6U/ MPS12U lights, Ford Police Interceptor Utility, 2020-2024</p>	<p>Pair of lower grille brackets with hardware, horizontal mount orientation, each bracket holds (2) MPS3U/ MPS6U lights, Ford Police Interceptor Utility, 2020-2024</p>	<p>Pair of grille brackets, each bracket holds (1) MPS3U/ MPS6U light, fits vehicles with a mesh grille</p>
 <p><b>MPSM6U-FPIU20GCO</b></p>	 <p><b>MPSM6-GRL2</b></p>	 <p><b>MPSM6-GRL3</b></p>		
<p>Kit of two grill cut-out brackets, adapts (2) MPS6U lights to OEM grill cut-outs, Ford Police Interceptor Utility, 2020-2024</p>	<p>Pair of grille brackets, each bracket holds (1) MPS6U light behind grill, Chevrolet Tahoe, 2021-2024</p>	<p>Pair of grille brackets, each bracket holds (2) MPS6U light outside of grill, each side of bowtie, Chevrolet Tahoe, 2021-2024</p>		

# Corner LED System (416900Z/416910Z)

- Suitable for external and internal use
- (19) built-in selectable flash patterns
- Multiple light heads can be synchronized and can flash simultaneously or alternately
- (12) LEDs per light head
- Available in single- and dual-color models
- Two mounting options; bezel for surface mounting or can be installed in a head lamp
- Five-year warranty



Model	Description
<b>Single-Color, single-head, in-line Corner LED Systems: (1) LED head with in-line flasher, cables, and Black bezel</b>	
416910Z-A	Amber
416910Z-B	Blue
416910Z-R	Red
416910Z-W	White
<b>Dual-Color, single-head, in-line Corner LED Systems: (1) LED head with in-line flasher, cables, and Black bezel</b>	
416900Z-BA	Blue/Amber
416900Z-BW	Blue/White
416900Z-RA	Red/Amber
416900Z-RB	Red/Blue
416900Z-RW	Red/White
416900Z-AW	Amber/White
<b>Accessories</b>	
416900-BZC	Chrome bezel for 416900Z/416910Z Series
416900-BZW	White bezel for 416900Z/416910Z Series
416900-BZB	Black bezel for 416900Z/416910Z Series
416900-VHB	3M™ VHB™ no-drill mount for Ford Interceptor Utility, 2020-2024 with standard headlight assembly and taillight when Ford option 86T is ordered, 4-pack

Effective January 22, 2024

## 416300 Series

- Utilizes (3) or (6) LEDs
- Available in single- or dual-color models
- (17) flash patterns including random and steady
- Single/multi-unit synchronization
- Flush mount with included grommet; optional L-bracket for single-color models only, sold separately
- UV resistant polycarbonate lens
- Five-year warranty



Model	Description
<b>Flush mount, Single-Color, Clear Lens, 12 Vdc</b>	
416300-A	(3) LEDs, Amber
416300-B	(3) LEDs, Blue
416300-R	(3) LEDs, Red
416300-W	(3) LEDs, White
<b>Flush mount, Dual-Color, Clear Lens, 12/24 Vdc</b>	
416300-BA	(6) LEDs, Blue/Amber
416300-RB	(6) LEDs, Red/Blue
416300-BW	(6) LEDs, Blue/White
416300-RA	(6) LEDs, Red/Amber
416300-RW	(6) LEDs, Red/White
416300-AW	(6) LEDs, Amber/White
<b>Accessories</b>	
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, 2021-2024



# Commander® Flashing and Marker Lights

- Multipurpose surface mount warning and marker lights; small size allows for various mounting locations on vehicle
- Flashing models available with a single flash pattern
- Marker/clearance lights meet SAE J592 and J2042
- All models are fully encapsulated to prevent any moisture issues
- All models include a Chrome flange and mounting gasket
- Five-year warranty



COM1FC-R

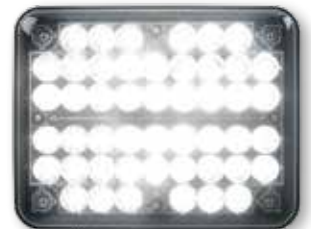
Model	Description
<b>Flashing Light, Surface Mount</b>	
COM1FC-A	(4) LEDs, Chrome flange, Amber
COM1FC-R	(4) LEDs, Chrome flange, Red
<b>Marker Light, Surface Mount</b>	
COM1MC-A	(4) LEDs, Chrome flange, Amber
COM1MC-R	(4) LEDs, Chrome flange, Red

# LED Traffic-Clearing Light

- Delivers 250+ feet of direct warning light
- Available in 9x7 and 6x4 sizes (6x4 is sold in pairs)
- LEDs are offered in Amber, Blue, Green, Red, and White
- Lenses are available in Amber, Clear, and Red
- Available as an option in the Navigator® light bar
- Five-year warranty



LEDTCL64R-R



LEDTCL97C-W

Model	Description
LEDTCL64A-A	6x4 (pair), Amber LEDs, Amber lens
LEDTCL64C-A	6x4 (pair), Amber LEDs, Clear lens
LEDTCL64C-B	6x4 (pair), Blue LEDs, Clear lens
LEDTCL64C-G	6x4 (pair), Green LEDs, Clear lens
LEDTCL64C-R	6x4 (pair), Red LEDs, Clear lens
LEDTCL64C-W	6x4 (pair), White LEDs, Clear lens
LEDTCL64R-R	6x4 (pair), Red LEDs, Red lens
LEDTCL64C-RB	6x4 (pair), (1) driver side Red LEDs, Clear lens and (1) passenger side Blue LEDs, Clear lens
LEDTCL97A-A	9x7, Amber LEDs, Amber lens
LEDTCL97C-A	9x7, Amber LEDs, Clear lens
LEDTCL97C-B	9x7, Blue LEDs, Clear lens
LEDTCL97C-G	9x7, Green LEDs, Clear lens
LEDTCL97C-R	9x7, Red LEDs, Clear lens
LEDTCL97C-W	9x7, White LEDs, Clear lens
LEDTCL97R-R	9x7, Red LEDs, Red lens
<b>Accessories</b>	
QL97MC	9x7 Trim bezel, Chrome with gasket
QL64MC	6x4 Trim bezel, Chrome with gasket

Effective January 22, 2024

## Commander® LED Strip Lights

- 10" LED strip lights provide versatile lighting solutions and mounting options
- Available models include B/T/T, compartment, tank, and warning lights
- Warning lights are available in Amber, Blue, or Red LEDs with a colored or clear lens
- Warning light models have eleven flash patterns and can be synched to flash simultaneously or alternating
- Tank level light utilizes four colors to indicate tank level statuses
- Five-year warranty



Model	Description
<b>Warning light models</b>	
COMSTLF-A	(72) LEDs, Amber, Amber lens
COMSTLFC-A	(72) LEDs, Amber, Clear lens
COMSTLF-B	(72) LEDs, Blue, Blue lens
COMSTLFC-B	(72) LEDs, Blue, Clear lens
COMSTLF-R	(72) LEDs, Red, Red lens
COMSTLFC-R	(72) LEDs, Red, Clear lens
COMSTL-BTT	(72) LEDs, Red, Red lens, Brake/Tail/Turn
<b>Tank light model</b>	
COMSTL-TANK	(96) LEDs, Amber, Blue, Green and Red, Clear lens
<b>Compartment light models</b>	
COMSTLS6C-W	(6) LEDs, White, Frosted lens
COMSTLS18C-W	(18) LEDs, White, Frosted lens
<b>Accessory</b>	
COMSTL-BKT	Mounting bracket for use with (1) COMSTL light

## NightSpire®

- Adjustable spotlight to floodlight capability
- 360° of continuous rotation
- 130° of vertical tilt
- Multi-select synchronization — Sync up to three lights with one controller
- IP69K — Maximum protection from dust and water
- Wireless controller; Back-lit controller buttons when activated
- 3,100 raw lumen output
- Permanent and magnet mount bases available
- Five-year warranty



Model	Description
NS200-P	Permanent/1-inch pipe mount
NS200-M	Magnet mount, accessory plug
<b>Common Replacement Parts</b>	
NSCTRL-1	Wireless controller
Z843303374A	Clear dome
<b>Accessory</b>	
200NS-TALL	Branch Guard

## COM7 Scene Lights

- 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
- Five-year warranty



COM7-B

Model	Description
COM7-B	COM7 Scene Light, Black bezel
COM7-C	COM7 Scene Light, Chrome bezel
COM7-W	COM7 Scene Light, White bezel

## COM9 Scene Lights

- High-powered LED scene light
- Curved design to maximize flood light coverage
- 1460 effective lumen output
- Models available with Black or White die-cast aluminum housing
- Weatherproof and vibration resistant
- Five-year warranty



COM9-B

Model	Description
COM9-B	COM9 Scene Light, Black housing
COM9-W	COM9 Scene Light, White housing

Effective January 22, 2024

## Directional Warning Features Comparison

	CN SignalMaster™	Latitude™—Flashing	Latitude™—SignalMaster™	MicroPulse®—SignalMaster™
Solaris® LED Reflector Technology	•	•	•	
SpectraLux® Multicolor LED	•			
ROC (Reliable Onboard Circuitry™)	•	•	•	
FS Convergence Network	•			
FSJoin™	•			
Available Lengths (inches)	16, 31	17, 24, 32	24, 32, 48	23, 30, 32, 36, 42, 44, 51, 65
Number of Light heads	4, 8	4, 6, 8	6, 8	4, 6, 8
Clear Lens Available	•	•	•	•
Number of LEDs per Light head*	6, 12, 18	3	3	12
LED Takedowns	•			
Flood Lighting	•			
LED SignalMaster	•		•	•
Dimming	•			
Online Configurator	•			
Warranty (years)	5	5	5	5

\* Number of LEDs determined by color combinations

# Latitude™ Flashing Models

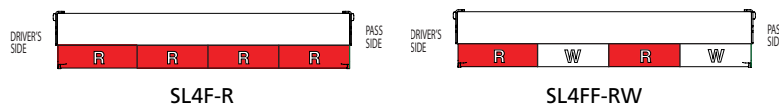
- LED flashing warning light and SignalMaster™ models suitable for both interior and exterior mounting applications
- Available in 4-head, 6-head and 8-head models
- Innovative co-extrusion, polycarbonate housing provides moisture resistance
- Optional mounting brackets and shrouds available
- Flashing models have (10) flash patterns
- Five-year warranty



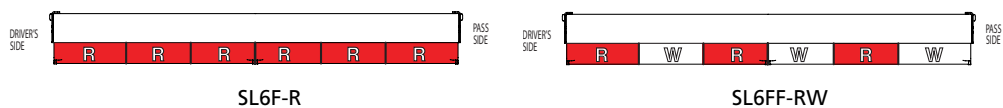
Model	Description
<b>4-Head flashing model, 16.9-inch length</b>	
SL4F-2R2B	(2) Red light heads, (2) Blue light heads (alternating) R-B-R-B
SL4F-RB	(2) Red light heads, (2) Blue light heads, R-R-B-B
SL4F-R	(4) Red light heads, R-R-R-R
SL4F-B	(4) Blue light heads, B-B-B-B
<b>6-Head flashing model, 24.2-inch length</b>	
SL6F-RB	(3) Red light heads, (3) Blue light heads, R-R-R-B-B-B
SL6F-R	(6) Red light heads, R-R-R-R-R-R
SL6F-B	(6) Blue light heads, B-B-B-B-B-B
SL6F-A	(6) Amber light heads, A-A-A-A-A-A, (does not include directional functions)
SL6FF-RW	(3) Red light heads, (3) White light heads, R-W-R-W-R-W (includes white light cut-off option)
<b>8-Head flashing model, 31.8-inch length</b>	
SL8F-RB	(4) Red light heads, (4) Blue light heads, R-R-R-R-B-B-B-B
SL8F-R	(8) Red light heads, R-R-R-R-R-R-R-R
SL8F-B	(8) Blue light heads, B-B-B-B-B-B-B-B
SL8F-A	(8) Amber light heads, A-A-A-A-A-A-A-A, (does not include directional functions)

Model	Description
<b>Accessories and Kits</b>	
320310	Kit, bracket, flush mount system
320320	Kit, bracket, double L-bracket
320330	Kit, bracket, system mount
320340	Kit, bracket, multi-vehicle mount
320350	Kit, bracket, foot adaptor
SLB-001	Kit, Long L-bracket
SLB-002	Kit, Short L-bracket
SLB-FRD15ND	Kit, 8-head bracket for CN SignalMaster™ or Latitude, no drill, Ford F-150 2015-2023 and Super Duty 2017-2022

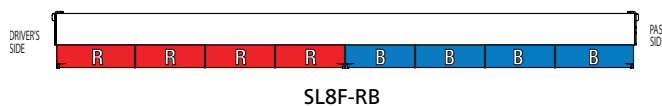
## 4-Head Configurations



## 6-Head Configurations



## 8-Head Configurations



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## Latitude™ SignalMaster™



- Available in 6-head and 8-head models
- Both interior and exterior mounting brackets are available; compatible with Federal Signal's SignalMaster brackets
- Each model includes left, right and center-out warning signals, and one warn pattern
- Includes Federal Signal economy SignalMaster controller
- SAE J845 Class 1, CCR Title 13 Class B
- Five-year warranty



Model	Description
<b>6-Head, 24.2-inch model</b>	
SL6S-A	(6) Amber light heads, A-A-A-A-A-A, SignalMaster Economy Controller, 30-ft cable
<b>8-Head, 31.6-inch models</b>	
SL8S-A	(8) Amber light heads, A-A-A-A-A-A-A-A, SignalMaster Economy Controller, 30-ft cable
SL8S-A-50	(8) Amber light heads, A-A-A-A-A-A-A-A, SignalMaster Economy Controller, 50-ft cable
<b>8-Head, 48-inch models</b>	
SL8S-A48	(8) Amber light heads, A-A-A-A-A-A-A-A, SignalMaster Economy Controller, 30-ft cable
SL8S-A48-50	(8) Amber light heads, A-A-A-A-A-A-A-A, SignalMaster Economy Controller, 50-ft cable
<b>Accessories and Kits</b>	
320310	Kit, bracket, flush mount system
320320	Kit, bracket, double L-bracket
320330	Kit, bracket, system mount
320340	Kit, bracket, universal vehicle mount
320350	Kit, bracket, foot adaptor
SLB-001	Kit, Long L-bracket
SLB-002	Kit, Short L-bracket
SLB-FRD15ND	Kit, 8-head bracket for CN SignalMaster or Latitude, no drill, Ford F-150 2015-2023 and Super Duty 2017-2022

## Latitude Brackets and Shrouds



# CN SignalMaster™



- LED warning light with SignalMaster directional and area lighting capability
- 4-head and 8-head models are available
- Optional serial interface module for use in traditionally-wired applications
- Front models utilize wide-angle reflectors
- Rear models utilize narrow-angle reflectors
- LEDs available in single-, dual-, and tri-color combinations of Amber, Blue, Red or White
- Five-year warranty



Model	Description
<b>4-Head Front Model, without interface module, 15.7-inch length</b>	
CNSMJ4F-P3C	(4) Red/Blue/White light heads
<b>8-Head Rear Models, without interface module, 31.2-inch length</b>	
CNSMJ8R-P1C	(4) Red/Amber light heads, (4) Blue/Amber light heads
CNSMJ8R-P2C	(8) Blue/Amber light heads
CNSMJ8R-P3C	(8) Red/Blue/Amber light heads
CNSMJ8R-F1C	(8) Red/Amber light heads
<b>Split 8-Head Rear Model, without interface module, 15.7-inch length per side</b>	
CNSMJ2X4R-P3C	(8) Red/Blue/Amber light heads
<b>Accessories and Kits</b>	
CNSM-RBK1	Mount kit for installing CN SignalMaster in Ford Police Utility, 2013-2024, internal use only
CNSM-TAH21	Kit to mount CNSM4 models to grille of Chevrolet Tahoe 2021-2024
CNSM-UM	Multi-vehicle mount for installing CN SignalMaster, internal/external use
SLB-001	Kit, Long L-bracket
SLB-002	Kit, Short L-bracket
SLB-FRD15ND	8-head bracket for CN SignalMaster or Latitude™, no drill, Ford F-150 2015-2023, Lightning 2022-2023, and Super Duty 2017-2022
SLB-SIL19ND	8-head bracket for CN SignalMaster or Latitude, no drill, Chevrolet Silverado 2019-2023
<b>Common Replacement Part</b>	
Z858303641A	Interface module with cable assembly, FSJoin

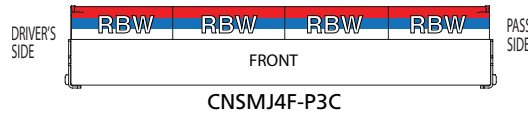
## How to Order

- Choose one of the popular models above, customize your own with our online configurator, or contact a local Federal Signal representative or distributor

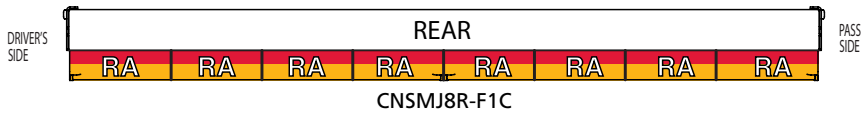
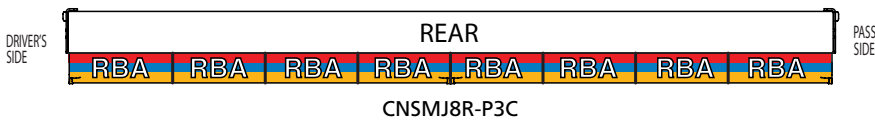
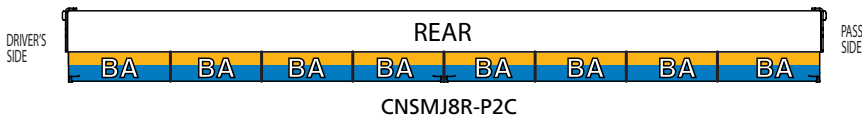
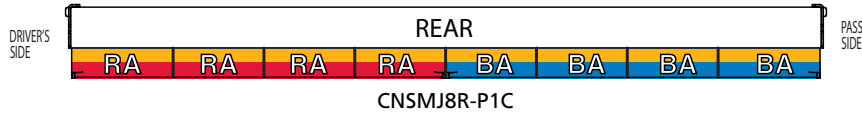
Effective January 22, 2024

## CN SignalMaster™ — Continued

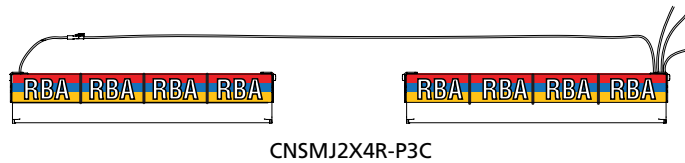
### 4-Head — Front of Vehicle



### 8-Head — Rear of Vehicle




### Split 8-Head — Rear of Vehicle





CN SignalMaster™ Brackets and Shrouds

 <p><b>CNSM-RBK1</b></p>	 <p><b>CNSM-U</b></p>	 <p><b>Z858303641A</b></p>	 <p><b>Z1751531A</b></p>	 <p><b>320310</b></p>
<p>Mount kit for installing CN SignalMaster in Ford Police Utility, 2013-2024, internal use only</p>	<p>Universal mount for installing CN SignalMaster, internal/external use</p>	<p>Replacement serial interface module with cable assembly, FSJoin</p>	<p>Splitter for network cables</p>	<p>Kit, bracket, flush mount system</p>
 <p><b>320330</b></p>	 <p><b>320340</b></p>	 <p><b>320350</b></p>	 <p><b>SLB-001</b></p>	 <p><b>SLB-002</b></p>
<p>Kit, bracket, system mount</p>	<p>Kit, bracket, universal vehicle mount</p>	<p>Kit, bracket, foot adaptor</p>	<p>Kit, Long L-bracket</p>	<p>Kit, Short L-bracket</p>
 <p><b>SLB-FRD15ND</b></p>	 <p><b>SLB-SIL19ND</b></p>			
<p>8-head bracket for CN SignalMaster or Latitude™, no drill, Ford F-150 2015-2023, Lightning 2022-2023, and Super Duty 2017-2022</p>	<p>8-head bracket for CN SignalMaster or Latitude™, no drill, Chevrolet Silverado 2019-2023</p>			

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## MicroPulse® SignalMaster™

- LED directional warning light
- 4-head, 6-head, and 8-head models available in various lengths
- Utilizes MicroPulse Ultra 12 light heads
- Easy serviceability
- Fully-encapsulated, water resistant modules ideal for external mounting
- Available directional patterns include: left, right, and flashing warning
- Compatible with Federal Signal's SignalMaster™ controllers
- Extrusion designed to block sunlight, increasing the warning effectiveness
- Five-year warranty



MPSUSM51-BRK-30



MPSUSM42-A-30

Model	Description
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

### Controller Options

330104-SB	(6) or (8) lamp, 12 V or 24 V (multiple installer-selectable flash patterns, fuse protected)
331105-SB	Heavy Duty (6) or (8) lamp, 12 V or 24 V (slide switch, multiple installer-selectable flash patterns, heavy duty ground, fuse protected, controls two SignalMasters simultaneously)

### Common Replacement Parts

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

# Interior Warning Light Feature Comparison

	SpectraLux® ILS Low-Profile	XStream®
Solaris® LED Reflector Technology	•	•
SpectraLux® MultiColor LED Technology	•	•
ROC (Reliable OnBoard Circuitry™)	•	
FS Convergence Network	•	
FSLink®		•
FSJoin™	•	•
Multicolor	•	•
Number of LEDs*	6, 12 or 18 per head	18 per head, 6 of each color
LED Takedown	•	
Flood Lighting	•	•
Sync Flashing Capability	•	•
Discrete wired option	•	•
Warranty (years)	5	5

\* Number of LEDs determined by color combination

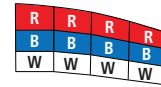
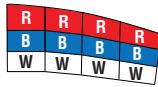
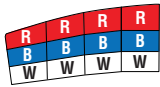
Effective January 22, 2024

## SpectraLux® ILS Low-Profile

- Slim internal lighting system reduces windshield obstruction and improves police officer visibility
- Center Focused models utilize all forward-facing Solaris reflectors that concentrate all the light output to the front of the vehicle
- Split and Passenger side models available for Front Headliner
- Single-, dual-, or tri-color light heads (6, 12, or 18-LEDs per light head)
- SpectraLux multicolor technology provides “all-white” flood lighting in front headliner models, as well as “Amber-override” directional lighting in rear deck models
- Vehicle-specific shrouds to prevent flashback
- Discrete models or optional serial interface module available for use in traditionally-wired applications
- LEDs available in Amber, Blue, Green, Red and White
- Five-year warranty



Center-Focused Board



SIFMJ Split-front Models		
Vehicle	Year	Model
Ford Escape	2020-2023	SIFMJS-ESC20-P3
Ford Expedition*	2018-2023	SIFMJS-EXPD18-P3
Ford Mustang Mach-E	2021-2024	SIFMJS-MME21-P3
Ford Mustang	2019-2023	SIFMJS-MUST19-P3
Ford Police Interceptor Utility*	2020-2024	SIFMJS-FPIU20-P3**
Ford F-150*	2015-2023	SIFMJS-FD15-P3**
Ford Lightning*	2022-2023	SIFMJS-FD15-P3**
Chevrolet Camaro	2016-2023	SIFMJS-CAM16-P3
Chevrolet Express	2018-2024	SIFMJS-EXPR18-P3
Chevrolet Malibu	2017-2023	SIFMJS-MAL16-P3
Chevrolet Silverado 1500*	2019-2023	SIFMJS-SIL19-P3
Chevrolet Tahoe*	2021-2024	SIFMJS-TAH21-P3**
Toyota Camry	2020-2023	SIFMJS-CMRY22-P3
Dodge Charger*	2016-2024	SIFMJS-CHGR16-P3**
Dodge Durango*	2016-2023	SIFMJS-DUR16-P3*
Multi-Vehicle*	—	SIFMJS-UNIV-P3

SIFMJ Front Passenger Models		
Vehicle	Year	Model
Ford Escape	2020-2023	SIFMJP-ESC20-P3
Ford Mustang Mach-E	2021-2024	SIFMJP-MME21-P3
Chevrolet Camaro	2016-2023	SIFMJP-CAM16-P3
Chevrolet Express	2018-2024	SIFMJP-EXPR18-P3
Toyota Camry	2020-2023	SIFMJP-CMRY22-P3

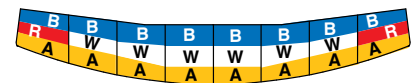
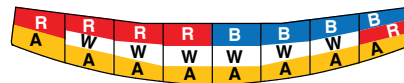
### Notes

- \* Visit our online configurator to configure your custom SpectraLux ILS Low-Profile SIFMJ for popular vehicles.
- \*\* Models can be ordered from stock.
- All models are Convergence Network compatible and feature FSJoin technology

## SpectraLux® ILS Low-Profile—Continued



SIFMJ Rear Hatch/Rear Deck/Rear Window Models			
Vehicle	Year	Model	
Ford Mustang Mach-E	2021-2024	SIFMJH-MME21-P3	
Ford Mustang	2019-2023	SIFMJR-MUST19-P3	
Ford Police Interceptor Utility*	2020-2024	SIFMJH-FPIU20-P3**	
Chevrolet Camaro	2016-2023	SIFMJR-CAM16-P3	
Chevrolet Tahoe*	2021-2024	SIFMJH-TAH21-P3**	
Dodge Charger*	2016-2024	SIFMJR-CHGR17-P3**	
Dodge Durango*	2016-2023	SIFMJH-DUR18-P3**	



OBD Integrated SIFMJ Rear Deck/Rear Hatch/Rear Window Models			
Vehicle	Year	Model	Model
Ford Police Interceptor Utility*	2020-2024	SIFMJH-FPIU20-PF1**	SIFMJH-FPIU20-PF2**
Chevrolet Tahoe*	2021-2024	SIFMJH-TAH21-PF1**	SIFMJH-TAH21-PF2**
Dodge Charger*	2017-2024	SIFMJR-CHGR17-PF1**	SIFMJR-CHGR17-PF2**
Dodge Durango*	2018-2023	SIFMJH-DUR18-PF1**	SIFMJH-DUR18-PF2**

### Notes

- \*Visit our online configurator to configure your custom SpectraLux ILS Low-Profile SIFMJ for popular vehicles.
- \*\* Models can be ordered from stock.
- OBD integrated Rear Hatch/Rear Deck/Rear Window configurations are specifically intended to work with the Pathfinder® siren and OBDCABLE, sold separately.
- All models are Convergence Network compatible and feature FSJoin™ technology

Effective January 22, 2024

## XStream®

- Low-profile design
- Operates as a single-, dual-, or tri-color light head
- Each light head includes three colors with (6) LEDs of each color (18 LEDs total)
- Available in single-head or dual-head models
- Black polycarbonate housing
- Each model features two recessed buttons, one to change the flash pattern and other for color mode
- (25) Flash patterns including random and steady; (10) color modes
- Versatile mounting brackets and three different length snap-on flash guards included
- Five-year warranty



Model	Description
<b>Single-head with wire leads</b>	
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
<b>Dual-head with wire leads</b>	
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
<b>Accessories and Kits</b>	
X SMBKT01	Slip-on visor mount kit for use with single- or dual-head models
X SMBKT02	Adjustable, swivel mount for single- or dual-head models
X SMBKT03	Universal headliner mount bracket for single- or dual-head models
X SMBKT07	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 Charger, 2011-2024
X SMBKT10	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, 2018-2024, Ford Lightning, 2022-2023
X SMBKT11	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 Police Interceptor Utility, 2020-2024
X SMBKT12	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
X SMBKT13	Driver and passenger rear window mount kit for use with (1) single- or dual-head XStream, Ford Ranger, 2019-2020
X SMBKT14	Driver and passenger visor mount kit for use with (1) single- or dual-head XStream, with mounting holes for front and rear facing cameras, Chevrolet Tahoe, 2021-2024
Z205003	Rubber extrusion



XSM2-BRW-US shown mounted in a vehicle



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

# LED Beacon Feature Comparison

	SLR Beacon	IVP SLR Beacon Rotating Models	Pro LED Beacon
SLR (Solaris® LED Rotator)	•	•	
Solaris® LED Reflector Technology	•	•	•
Rotating Function	•	•	
FSLink®			•
RPM	75/90/120	75/90/120	
Flash Patterns	3	3	25
LED Count	12	12	36,72
NFPA	•	•	•
Available LED Colors	A,R	A,B,R	A,B,G,R,W
Available Dome Colors	A,C,R	A,B,C,R	A,B,C,G,R
Warranty (years)	5	5	5

Effective January 22, 2024

## Pro LED Beacon

- Single- and dual-color versions available
- Multi-voltage, 12/24 Vdc
- Built-in permanent/1" pipe mount aluminum die-cast base
- Five-year warranty



300TMPC-R



Model	Description
<b>Permanent/1-inch Pipe mount, Single-Color, tall dome</b>	
300TMP-A-SB	Amber LEDs, Amber dome
300TMP-B-SB	Blue LEDs, Blue dome
300TMP-G-SB	Green LEDs, Green dome
300TMP-R-SB	Red LEDs, Red dome
300TMPC-A-SB	Amber LEDs, Clear dome
300TMPC-B-SB	Blue LEDs, Clear dome
300TMPC-G-SB	Green LEDs, Clear dome
300TMPC-R-SB	Red LEDs, Clear dome
<b>Permanent/1-inch Pipe mount, Dual-Color, tall dome</b>	
320TMP-AB-SB	Amber/Blue LEDs, Clear dome
320TMP-AG-SB	Amber/Green LEDs, Clear dome
320TMP-AW-SB	Amber/White LEDs, Clear dome
<b>Accessory</b>	
300B-TALL	Branch guard, tall dome



300B-TALL



## SLR Beacon

- Rotating LED beacon with (12) high-powered LEDs
- 75/90/120 RPM
- Domes available in Amber, Clear or Red
- Five-year warranty



262650-02



Model	Description
<b>Permanent/Pipe mount</b>	
262650-02	Amber LEDs, Amber dome, Class 1
262650-04	Red LEDs, Red dome, Class 1
262650-05	White LEDs, Clear dome
262650-25	Amber LEDs, Clear dome
<b>Note</b>	
• Visit <a href="http://www.fedsig.com">www.fedsig.com</a> to view SLR Beacon flash patterns	

## IVP SLR

- Modern dome design complements the appearance of the Vision® SLR family of light bars
- Solaris® LED rotator for a true 360-degree sweeping coverage
- NFPA compliant models available
- Domes are available in Blue, Clear, or Red
- Five-year warranty



VSLR1-R1A02



Model	Description
<b>Rotating Models</b>	
VSLR1-R1	Red LEDs, Red dome
VSLR1-R2	Red LEDs, Clear dome
VSLR1-R1A02	Red LEDs, Red dome, Amber IPX6
VSLR1-R2A02	Red LEDs, Clear dome, Amber IPX6
VSLR1-R1B12	Red LEDs, Red dome, Blue IPX6
VSLR1-B1	Blue LEDs, Blue dome
VSLR1-B1A02	Blue LEDs, Blue dome, Amber IPX6
VSLR1-B2	Blue LEDs, Clear dome

Effective January 22, 2024

## Evacuator® Back-up Alarms

- Backup alarms have a wide range of decibel and voltage options
- Solid-state design protects and resists the effects of vibration
- Sealed unit protects internal components from moisture and contaminants
- 12/48 Vdc
- Three-year warranty



Model	Description
<b>Evacuator Plus, Dual Functions, 12/48 Vdc</b>	
210330SSG	87 dB
210331SSG	97 dB
210333SSG	107 dB
210335SSG	112 dB

## Commander® 3" Compartment Lights

- Standard 3" round surface mount compartment lights with an aluminum base
- Surface mount alleviates the need to do full body cutouts
- Low-profile design allows for versatile mounting options
- All models include bolt or adhesive mount for added flexibility in mounting
- Dual-color compartment lights allow for separate control of colors
- Red LED compartment lights are ideal for improved nighttime vision in compartments
- Chrome flange and rubber grommet available
- Five-year warranty



Model	Description
<b>3-inch Round, Single-Color, Compartment Light, Surface Mount</b>	
COM3SWC	(6) LEDs, light head, White LEDs, Clear lens
<b>3-inch Round, Dual-Color, Compartment Light, Surface Mount</b>	
COM3SRWC	(6) LEDs, light head; (3) LEDs Red, (3) LEDs White
<b>Accessories and Kits</b>	
COM3FLANGEC	3-inch round chrome flange for COM3 lights
COM3GROMMET	Kit, Grommet for COM3 lights

## Commander® 5" LED Interior Light

- Low-profile surface mount rectangular dome/compartment light—less than 3/4" thick
- Durable polycarbonate Clear lens
- 12 Vdc
- 540 raw lumen output, 380 effective lumen output
- Five-year warranty



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

Effective January 22, 2024

## Commander® 8" LED Interior Light

- Direct replacement for 8" halogen or incandescent lamps utilizing standard industry hole patterns and cutout dimensions. LED models eliminate the high cost of lamp replacement associated with halogen or incandescent lamps
- Hi-Lo intensity inputs
- Input Voltage: 12 Vdc
- Low amperage consumption (1.72 High/.213 Low)
- Certified to meet KKK-1822F requirements when properly installed
- Five-year warranty



Model	Description
COM8PTC	(18) LEDs, White, diffusing lens, Chrome housing

## Commander® Series Flex Lights

- Exterior/Interior mounted flexible strip lighting
- 1/2" wide
- 3M® automotive acrylic foam tape on back for easy installation; mounting clips and screws included
- Three-year warranty



Model	Description
COMFLEX-9	9-inch, flexible compartment strip light, White LED
COMFLEX-18	18-inch, flexible compartment strip light, White LED
COMFLEX-27	27-inch, flexible compartment strip light, White LED
COMFLEX-36	36-inch, flexible compartment strip light, White LED
COMFLEX-45	45-inch, flexible compartment strip light, White LED
COMFLEX-54	54-inch, flexible compartment strip light, White LED
COMFLEX-63	63-inch, flexible compartment strip light, White LED

# Switch Controls

- Switching of up to (7) auxiliary functions
- 20 A fuses and 20 A switches are standard
- Standard, high current slide switch and non-slide switch models available
- Backlit or LED function identification
- Easy installation
- Three-year warranty



Model	Description
<b>"SW" Switch Control Panel Models</b>	
SW1	One rocker switch
SW2	Two rocker switches
670132	Three rocker switches
SW30	SW30 Series, (3) 20 A toggle switches on L-bracket housing
SW200-B	4-switch box with bail bracket
SW300-B	6-switch box with bail bracket
SW400SS-B	4-switch with slide switch box and bail bracket
<b>Toggle Switch Model</b>	
210633SSG	Toggle switch, Chrome on metal
<b>Accessory</b>	
210624SSG	Single-hole switch panel for use with 1/2-inch diameter toggle switch

# Opticom®

- Infrared LED and strobe traffic pre-emption emitters
- Internal-mount and external-mount emitter available
- Some models available with mounting brackets for attachment to FS light bars
- Five-year warranty



Model	Description
<b>Opticom emitters with light bar mounting brackets</b>	
795H-EXTB-D	GTT 795H emitter/bracket for attaching to driver-side of Valor®, Integrity®, Vision® SLR, Legend®, Navigator®, Allegiant®, Reliant™ and Split Vision® SLR light bars
795H-EXTB-P	GTT 795H emitter/bracket for attaching to passenger-side of Valor, Integrity, Vision SLR, Legend Navigator, Allegiant, Reliant and Split Vision SLR light bars
<b>Opticom emitters</b>	
794-AH	794 infrared LED emitter, suitable for external use
3M792H	792 strobe emitter, suitable for external use

**Notes**

- Opticom emitters must be mounted behind clear domes
- 795H-EXTB-D/-P are not intended for use with the Low-Profile mounting foot option

Effective January 22, 2024

## Intelli-Flash® Flashers

- Specifically designed for use with auxiliary LED lighting
- Designed to perform in a variety of applications
- Can be used to synchronize multiple light heads
- Three-year warranty



650302

Model	Description
<b>Intelli-Flash Series flashers (auxiliary lighting flashers—do not use for headlight or taillight applications)</b>	
650302	(16) 2.5 loads, (20) flash patterns, NFPA or Triple K zone control, high-side switching
FA3-SC	90 FPM, (2) 10 A loads, high-side switching

## Headlight/Taillight Flashers

- Vehicle-specific flashers/ mounts for a variety of vehicles
- “Plug-and-Play” models allow for quick installation
- Multiple flash pattern options
- Three-year warranty

Model	Description
FHL-CHG	Flasher, Headlight, 2015-2024 Dodge Charger (halo only), 2015-2023 Dodge Durango (fog only)
FHL-HL	Flasher, Headlight, positive-side switched systems, 18-inch wire leads, (2) 10 A outputs, multiple flash patterns
FHL-TAIL	Flasher, Taillight, universal applications, 18-inch wire leads

### Headlight/Taillight Flashers Vehicle Chart

Vehicle	Headlight	Taillight
Ford Expedition (Halogen headlights only), 2018-2023	FHL-CHG	FHL-TAIL
Chevrolet Tahoe, 2015-2020	FHL-HL	FHL-TAIL
Chevrolet Tahoe, 2021-2024	N/A	FHL-TAIL
Dodge Charger, 2015-2024	N/A	FHL-TAIL
Dodge Durango (Fog lights only), 2015-2023	FHL-CHG	FHL-TAIL
Ford Police Interceptor Utility, 2016-2019	FHL-HL	FHL-TAIL
Ford Police Interceptor Utility, 2020-2024	N/A	FHL-TAIL
Ford F-150 (Halogen only), 2015-2023	FHL-CHG	FHL-TAIL



FHL-CHG



FHL-HL



FHL-TAIL

# MB1 LED Message Board



MB1-A

- Public safety messaging system incorporates LED message display board suitable for interior and exterior mounting, with internally mounted controller
- One controller to select from predetermined list of messages
- Programming software allows administrator to create customized messages
- Display board utilizes 672 Blue, Green or Amber LEDs
- Three-year warranty

Model	Description
MB1	Blue LED message display and controller, 12 Vdc
MB1-A	Amber LED message display and controller, 12 Vdc
MB1-G	Green LED message display and controller, 12 Vdc
MB1-BNRW	Blue LED message display and controller, narrow mounting applications, 12 Vdc
<b>Accessories and Kits</b>	
MBK01	Kit for mounting MB1 to rear interior of Ford Police Interceptor Utility, 2013-2024
MBK03H	Kit for mounting MB1 message board to rear of Valor® light bars, hook mount only
MBK04	Kit for mounting MB1 to rear of Integrity®, Legend®, LPX and Navigator® light bars
MBK05	Kit for mounting MB1 to rear of Vision® SLR light bar
MBK06	Kit for mounting MB1-BNRW to rear interior of Dodge Durango 2011-2023

## Examples of pre-programmed messages

## Examples of different font choices

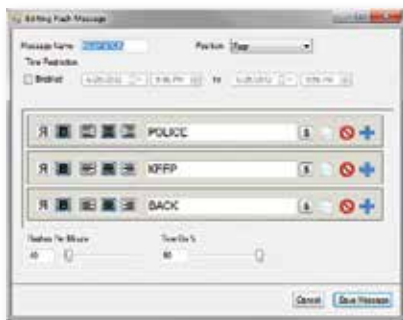
(Messages can be customized for "steady-on", scrolling, flashing, multiple lines, scroll direction, scroll speed and Bold/Normal font)



Bold Font



Standard Font



Message creation software



Control head

Effective January 22, 2024

## Littlite®

- Flexible, "goose-neck" task lights that can be easily aimed exactly where you need it
- Available with on/off switch or rheostat "dimmer" control
- 12" and 18" lengths
- Includes a 24" wire length for installation
- Five-year warranty



Model	Description
<b>LED Littlite Models</b>	
<i>Neck extends from top of chassis, horizontal mount</i>	
LF12TSB-LED	12-inch, On/Off switch control, wired base
LF12TS-LED	12-inch, On/Off switch control
LF18TSB-LED	18-inch, On/Off switch control, wired base
LF18TSB-LED-BLUE	18-inch, On/Off switch control, wired base, Blue
LF18TS-LED	18-inch, On/Off switch control
<i>Neck extends from end of chassis, vertical mount</i>	
LF12ES-LED	12-inch, On/Off switch control
LF18ES-LED	18-inch, On/Off switch control
LF12ESB-LED	12-inch, On/Off switch control, wired base
LF18ER-LED-UV	18-inch, Rheostat control, UV/White/Red light modes

## Voice Gun

- High-power electronic megaphone
- Lightweight; less than 4 lbs
- Trouble-free, solid-state design
- Three-year warranty



Model	Description
A12SA	16 W, 1320-ft range, requires (8) AA batteries



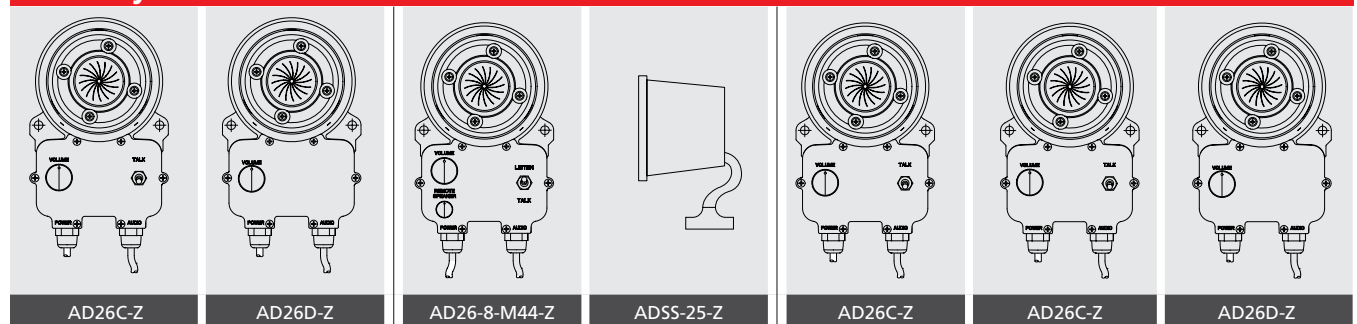
# Atkinson Dynamics Intercoms

- Integrated filtering to reduce outside noise and interference
- Multi-volt; units operate at both 12/24 Vdc
- Reliable 2- or 3-way communication in any conditions
- Variety of options available to satisfy communications needs
- Simple to use and easy to install
- Designed and built to protect against the elements and withstand rough conditions
- Two-year warranty



Model	Description
<b>Intercoms</b>	
AD26-Z	Push to talk, 12/24 Vdc
AD26-8-M44-Z	Push to talk, pre-amplifier, remote volume, 12/24 Vdc, use with ADSS-25 or ADSF-25
AD26C-Z	Master intercom, push to talk, 12/24 Vdc, use with hands-free intercom
AD26C-1-Z	12/24 Vdc, master intercom, power audio in single cable
AD26C-7-Z	Master intercom, push to talk, microphone ready, 12/24 Vdc, use with hands-free intercom
AD26D-Z	Hands-free intercom, defaults to talk mode, 12/24 Vdc, use with master intercom
AD26D-1-Z	12/24 Vdc, auxiliary intercom, use with AD26C-1-Z
<b>Speakers</b>	
ADSF-25-Z	25 W, flush mount
ADSS-25-Z	25 W, swivel mount
ADSV-25-Z	25 W, wall mount with volume control

## Basic Systems



## 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.

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## 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
<b>STANDARD WARRANTY COVERAGE</b>		
<b>AUDIBLE</b>		
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
<b>LED PRODUCTS</b>		
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
<b>OTHER PRODUCTS</b>		
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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