RAM

MODEL	DESCRIPTION
	Roof Mount Bars & Accessories
HKB-FRD9	Hook mount kit, 1500 Classic/SSV 4th Generation 2019-2024, 2500/3500/4500 2010-2026
HKB-RAM19	Hook mount kit, 1500 5th Generation 2019-2026
210960-54	Roof mount bar, 54-inch
	Grille Light Bracket
MPSM6-LB	L-bracket for (1) MPS6U/MPSWP light
	Hood Mount Bracket
MPSM6U-HOOD	Hood mount bracket for (1) MPS6U/MPSWP light
	Side Mirror Bracket
MPSMW9S-UNIVMIR	Pair of side mirror brackets, each bracket holds (1) MPSWP/MPSW9 light, 1500 5th Generation 2023-2026, 1500 Classic/SSV 4th Generation 2023-2024
	Rocker Panel Brackets
MPSM3-LB	L-bracket for (1) MPS3U light
MPSM3-DL	L-bracket for (2) MPS3U lights side-by-side
MPSM6-LB	L-bracket for (1) MPS6U/MPSWP light
MPSM6-DL	L-bracket for (2) MPS6U/MPSWP lights side-by-side
	Running Board Bracket
DRBKT-RB-UNIV	(1) DynaFlare™ running board mounting bracket, universal
	Taillight Brackets
MPSM3U-RAM24DTL	Pair of drill-less taillight brackets for horizontal orientation, each bracket holds (1) MPS3U light, 2024-2026
MPSM3U-RAM24DTL2	Pair of drill-less taillight brackets for horizontal orientation, each bracket holds (2) MPS3U light, 2024-2026
	Interior Mounts
MPSM6U-WIN	Adhesive mount for (1) MPS6U light; kit includes 90°, 67°, 46°, and 30° shrouds
MPSM6U-WIN2	Adhesive mount for (2) MPS6U light; kit includes 90°, 67°, 46°, and 30° shrouds
MPSM12U-WIN	Adhesive mount for (1) MPS12U light; kit includes 90°, 67°, 46°, and 30° shrouds
MPSM12U-WIN2	Adhesive mount for (2) MPS12U light; kit includes 90°, 67°, 46°, and 30° shrouds
CNSM-UM	Universal mount for CN SignalMaster™, internal/external use
SIFZJS-AMBR2R56	SpectraLux® ILS low-profile, split-front headliner, advanced off-axis, Amber/White, Six-button Controller; -AMBR2R5M (interface module); -AMBR2R5P (splitter)
XSMBKT01	Slip-on visor mount kit for (1) single- or dual-head XStream®
XSMBKT03	Universal headliner mount kit for (1) single- or dual-head XStream
	Mounting Wedge
MPSMW9-SPACRKT2	Pair of 22° rubber mounting wedges for (2) MPSW9/MPSWP lights, 2500 2023-2026
	OBDII Integration Cables
OBDCABLE6-DGCAN	6-ft OBDII interface cable, 1500/2500/3500 2019-2026, 4500/5500 2024-2026 (cable must be hardwired)
OBDCABLE25-DGCAN	25-ft OBDII interface cable, 1500/2500/3500 2019-2026, 4500/5500 2024-2026 (cable must be hardwired)

FEDERAL SIGNAL

RAM

LIGHTS AND ACCESSORIES GUIDE

FEDERAL SIGNAL

www.fedsig.com

RISK REDUCTION DURING ON-ROAD WORK TRUCK OPERATIONS

How Vehicle Warning Lights Reduce the Risk of Accidents in Work Zones

Every second in a work zone matters to protect crews and motorists. Work truck operators face risk while performing essential tasks near traffic. Proper use of warning lights on work trucks provide clear, visual alerts that help drivers and pedestrians detect, recognize, and respond—reducing the risk of accidents and improving overall work zone safety.

It is all about safety in the moment—reducing accidents and making work zones safer.

WHAT ARE THE RISKS?

Risks to work truck operators and the public during an emergency response include:

Physical Risks
Risks of injury or death due to vehicle accidents

Financial Implications
Increased property damage, increased insurance premiums, and downtime for out of service work trucks

Legal Exposure
Potential for lawsuits

4 ELEMENTS OF RISK REDUCTION

An understanding of the factors associated with effective work truck warning light solutions that can minimize risks

Awareness of Human Factors
Humans process signals in three phases: detection, recognition, and response.

Proper Installation, Operation, and Maintenance
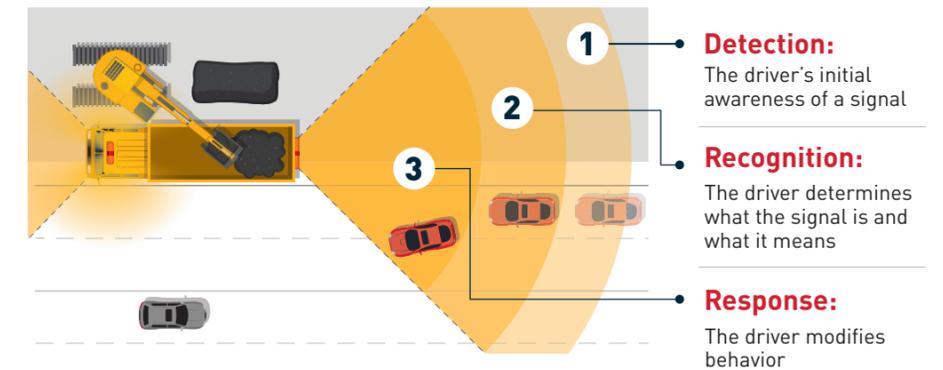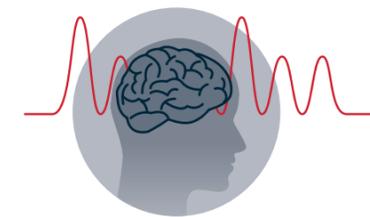Ensuring the right system is installed, operated, and maintained for optimal safety.

Suitably Engineered Equipment
Choose and specify the products and technologies designed and best suited for your vehicle's specific vocation or application.

Knowledge of Industry Standards
Become familiar with the organizations that have established minimum performance standards for warning light devices.

HUMANS PROCESS SIGNALS IN THREE PHASES

Detection:
The driver's initial awareness of a signal

Recognition:
The driver determines what the signal is and what it means

Response:
The driver modifies behavior

Safety in this moment.
That's Federal Signal Strength.

Contact your Federal Signal Sales Representative today to learn how our solutions help your fleet reduce risk and save lives.

amberorders@fedsig.com
www.fedsig.com/worktruck

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Every moment of every day, we go beyond the call. Every decision driven by the safety of you and your community. Take comfort in our commitment to engineer the most reliable, durable, and high-performing products for your work vehicle.

SAFETY IN THIS MOMENT.

EXCLUSIVE TECHNOLOGIES TO KEEP YOUR COMMUNITY SAFE.
THAT'S FEDERAL SIGNAL STRENGTH.

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

FSLINK® is an embedded software technology that utilizes a shared set of flash patterns and a common five-conductor cable to flash the patterns of Federal Signal's mini-light bars, beacons, and warning devices simultaneously or alternately.

FSJOIN® is a programming feature designed to enhance customization across Federal Signal's visual and audible vehicle warning products.

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

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

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.

SLR (SOLARIS® LED ROTATOR) maximizes the LED light source for full light coverage. SLR rotators provide rotating, oscillating, flashing, and flood light functionality.
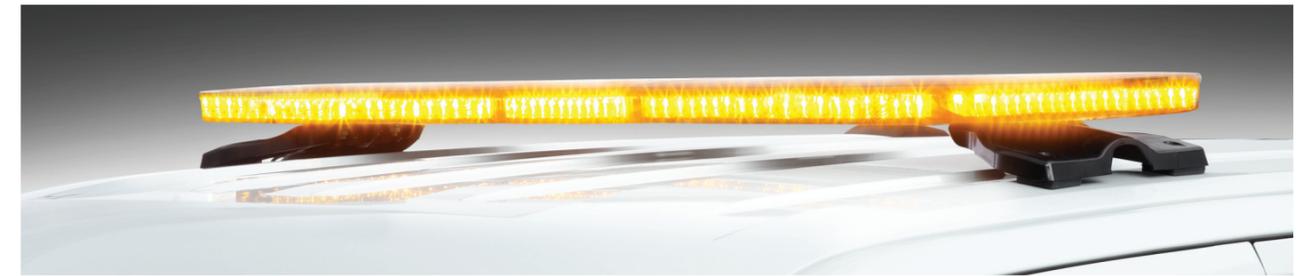
SOLARIS® LED reflector technology maximizes optical efficiency and provides superior off-axis warning.

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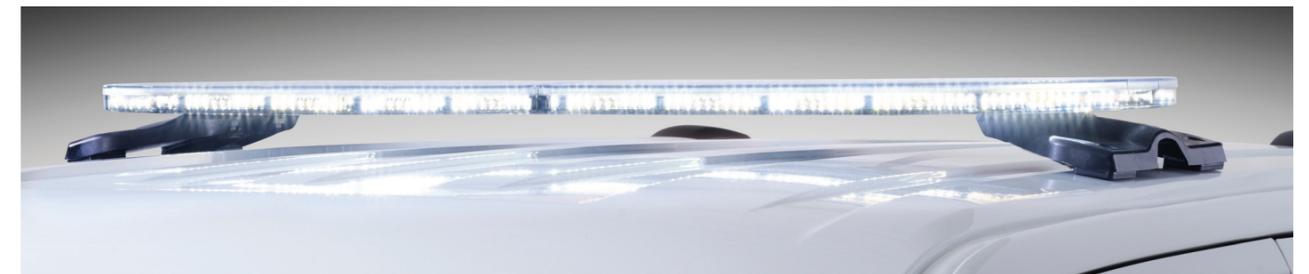
Q-SIREN® The sound of the Q-Siren® is a registered trademark of Federal Signal Corporation, and it provides a distinct, recognizable long-distance warning.

Allegiant® Max

SpectraLux. Solaris. ROC. Convergence Network FSJoin.

Allegiant® Max light bar features a low-profile, linear design that provides superior tri-color warning capability with (30) flash patterns, alley ground lights, built-in SignalMaster™, and integrated sync.

Reliant® S2

SpectraLux. Solaris. ROC. Convergence Network FSJoin.

Reliant® S2 light bar features an ultra low-profile design that provides superior tri-color warning capability with (28) flash patterns and built-in SignalMaster all while being offered at a budget-friendly cost.

NightSpire®

NightSpire® is an adjustable spotlight to flood light engineered to provide 360 degrees of continuous rotation and 130 degrees of vertical tilt.
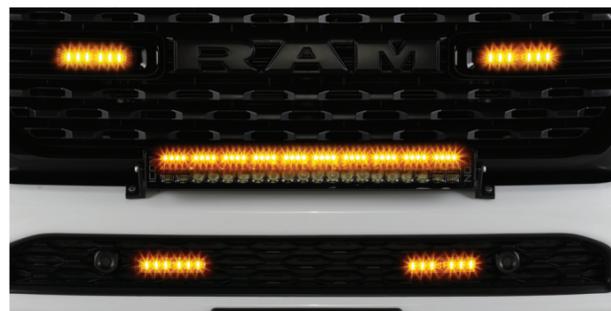
HighLighter® Elite

SpectraLux. Solaris. ROC. FSLink.

HighLighter® Elite mini-light bar leverages the latest and greatest technological advancements to offer users a mini-light bar that is compact, durable, easy to install, and diverse in its capabilities.

21" Allegiant®

SpectraLux. Solaris. ROC. Convergence Network FSJoin.

The 21" Allegiant® mini-light bar is a low-profile solution that provides superior warning signal to promote work zone safety with single- and dual-color capability.

ICON® Utility Bar

The ICON® Utility Bar functions as a unique flood/spotlight with Amber warning and Amber or White cruise lighting. Designed with a smooth edge lens and bezel-less frame that reduces dirt, snow, and ice accumulation.

MicroPulse® Ultra

SpectraLux. FSJoin. FSLink.

MicroPulse® Ultra light heads have an ultra low-profile design available in three different sizes. Mount to the hood of your vehicle with drill-less hood mount kit.
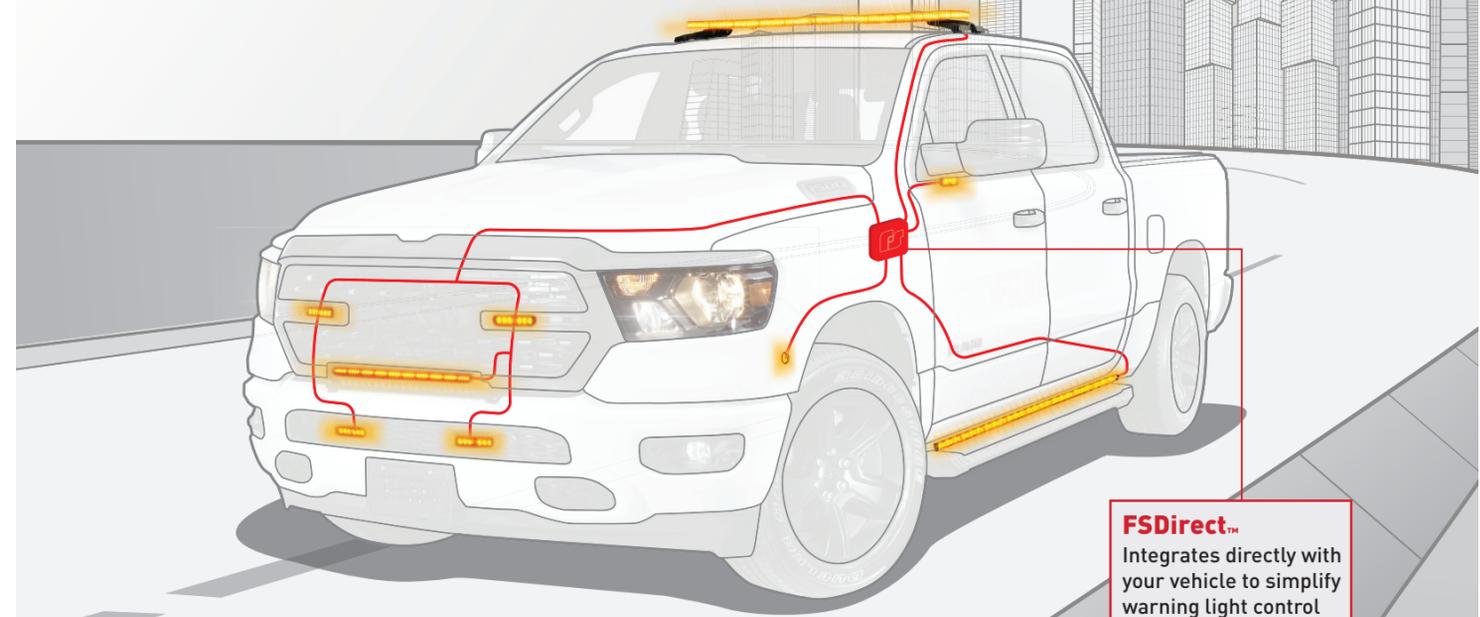
FSDirect™

SIMPLE SAFER SOLUTION.

Unlock the full potential of your vehicle's operational efficiency with our innovative FSDirect™ solution. Our system is designed to provide unparalleled control and customization. Automated lighting control allows operators to concentrate on their tasks, ensuring that safety on the job remains a top priority.
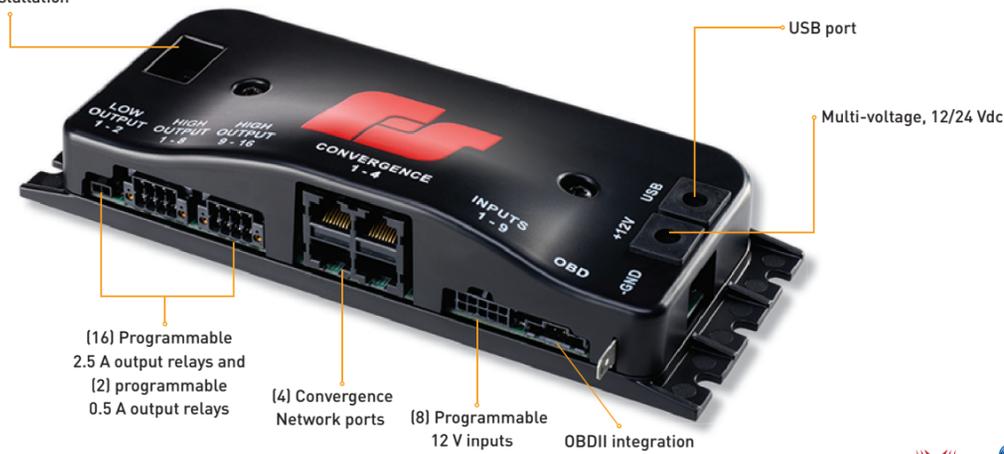
That's Federal Signal Strength.

FSDirect™
Integrates directly with your vehicle to simplify warning light control

SCAN HERE

Learn more about
FSDirect™
visit **fedsig.com**

FEDERAL SIGNAL

x

Built-in connector holder for ease of installation

USB port

Multi-voltage, 12/24 Vdc

(16) Programmable 2.5 A output relays and (2) programmable 0.5 A output relays

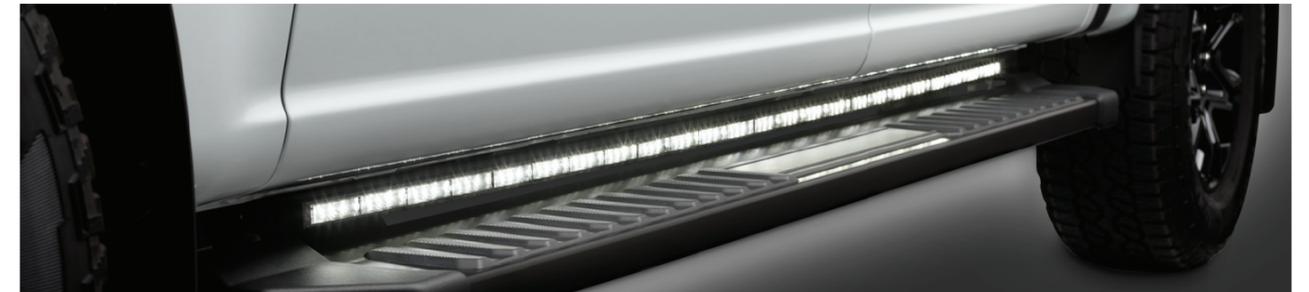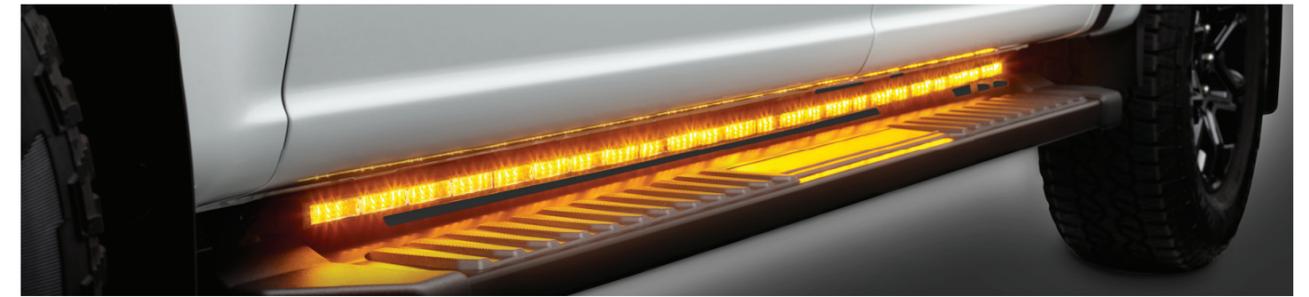(4) Convergence Network ports

(8) Programmable 12 V inputs

OBDII integration

FSDirect™

FSDirect™, model OBDMOD16, connects directly to the vehicle's CAN bus system using a vehicle-specific cable to seamlessly integrate with the vehicle allowing light control with vehicle events such as brake, high beams, turn signal, transmission status, and more.

Convergence Network FSJoin®

Convergence Network Controllers

- Fully-programmable compact controllers
- Multi-color, illuminated push-buttons – programmed through the FSDirect Configuration Software
- Multiple button types: push on/off, step, momentary, multi-tap on/off, multi-tap momentary, and long-press

On Scene Sync Module

- Synchronize warning lights among "like-programmed" vehicles
- Utilizes GPS signal to maintain timing
- Synchronize an unlimited number of vehicles within any distance
- Features an ambient light sensor to auto-adjust warning lights

Expansion Modules

- 24- or 32-channel relay outputs, 2.5 A each (40 A max)
- Potted to protect the electronics from unfavorable weather, ideal for under-the-hood mounting
- All weatherproof connections
- Up to four expansion modules can be used with an FSDirect Control Module

DynaFlare™

SpectraLux® Solaris® ROC® Convergence Network FSJoin®

DynaFlare™ features a low-profile design that provides tri-color warning capability with (25) flash patterns all while being fully sealed with patent-pending, optically clear potting material to protect against harsh conditions.

MicroPulse®
Wide Angle Pro

SpectraLux® Solaris® FSJoin® FSLink®

MicroPulse® Wide Angle Pro's curved design and powerful LEDs provide an impressive 180-degree light spread featuring a downward projecting White light, making them ideal for mounting on side mirrors of work truck vehicles.

416300 Series

FSJoin®

416300 Series is ideal for flush mounting in a variety of applications such as bumpers, tailgates, running boards, and inside of trunk lids and door panels.

MicroPulse® Ultra with various mounts

MicroPulse® Ultra light heads can be mounted to the interior rear window using adhesive mount kits.

MicroPulse Ultra light heads can be mounted to the taillights using drill-less mount kits.

With lens made of durable polycarbonate to protect against harsh conditions, models feature a fully encapsulated water-proof housing, which provides a barrier against moisture and condensation, making them suitable for a variety of applications.