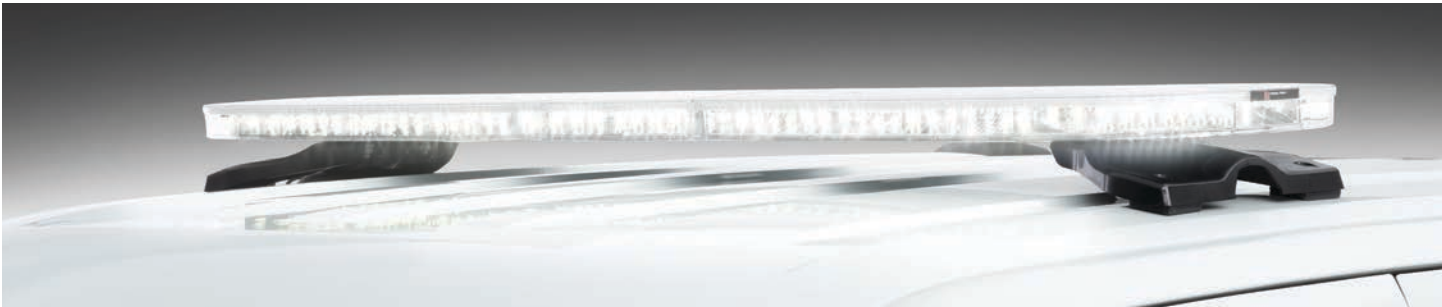
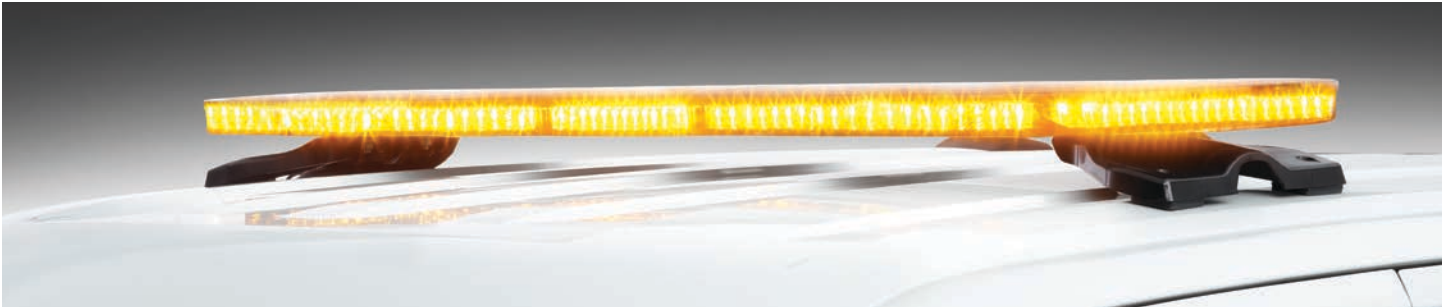


# F-150

## LIGHTS AND ACCESSORIES GUIDE



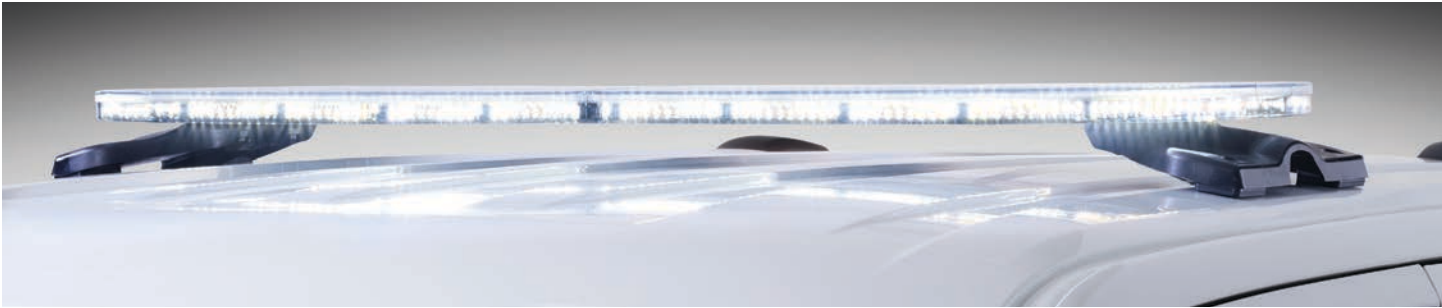
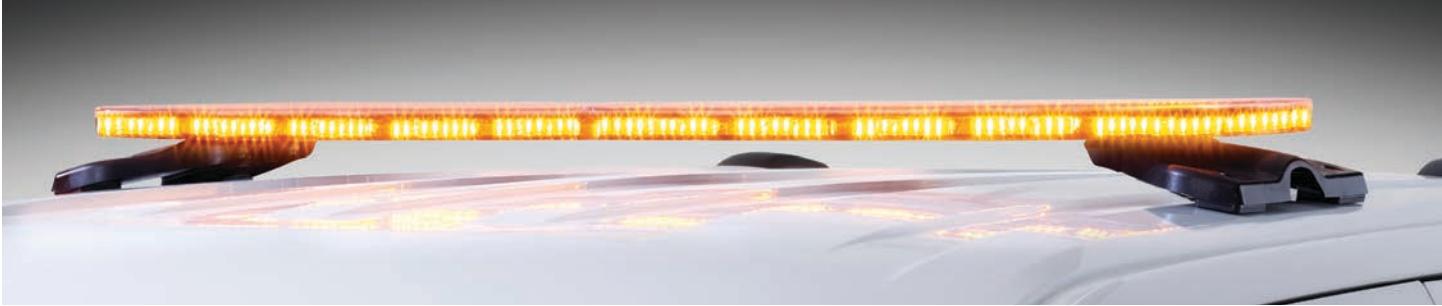




**Allegiant® Max**



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**



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.







**MicroPulse® Ultra**



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.



**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® Wide Angle Pro**



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**



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.

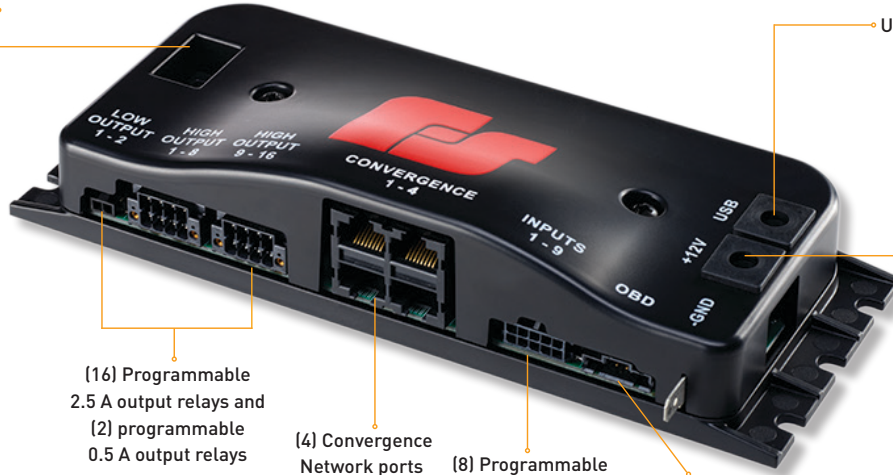


MicroPulse® Ultra light heads can be mounted to the taillights using drill-less mount kits.



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.

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 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

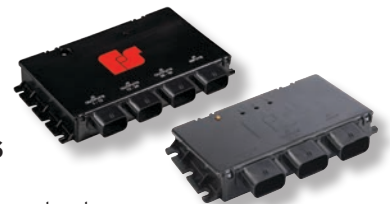


## On Scene Sync Module



- 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



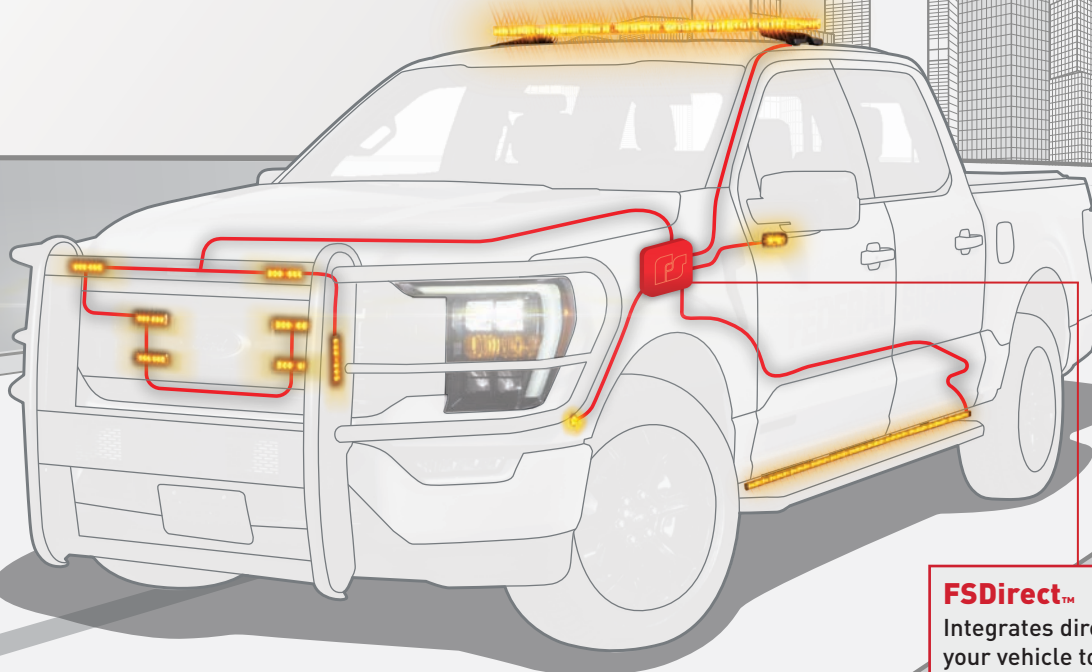
- 24- or 32-channel relay outputs, 2.5 A each (40 A max)
- Potted to protect the electronics from unfavorable weather, ideal for under-the-hood mounting
- All weatherproof connections
- Up to four expansion modules can be used with an FSDirect Control Module

# 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



Learn more about  
**FSDirect™**  
visit [fedsig.com](http://fedsig.com)

SCAN HERE

# FEDERAL SIGNAL STRENGTH



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.

# 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

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

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**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

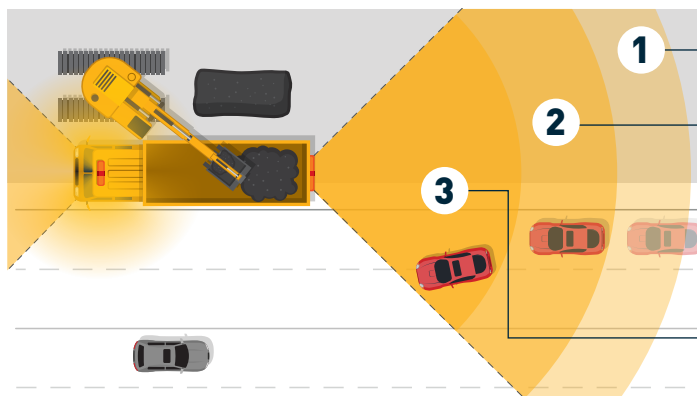
Choose and specify the products and technologies designed and best suited for your vehicle's specific vocation or application.

### 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

# FORD F-150

MODEL	DESCRIPTION
<b>Roof Mount Bars &amp; Accessories</b>	
HKB-UNH5	Hook mount kit, standard height foot, 51- and 53-inch light bars, F-150 2015-2026
HKB-UNH6	Hook mount kit, standard height foot, 44-, 45-, and 48-inch light bars, F-150 2015-2026, all length light bars F-250/350/450/550 2015-2026
CHMSL18-FRD23	18-inch drill-less mounting platform, F-150 2015-2026, F250/350/450/550 2017-2026; CHMSL30-FRD23 (30-inch platform)
210960-54	Roof mount bar, 54-inch
<b>Grille Light Bracket</b>	
MPSM6-GRL1	Pair of grille brackets, each bracket holds (1) MPS3U/MPS6U/MPSWP light, fits vehicles with a mesh grille
<b>Hood Mount Bracket</b>	
MPSM6U-HOOD	Hood mount bracket for (1) MPS6U/MPSWP light
<b>Side Mirror Bracket</b>	
MPSMW9-FRD21MIR	Pair of side mirror brackets, each bracket holds (1) MPSWP/MPSW9 light, non-towing mirrors, 2021-2026
<b>Rocker Panel Brackets</b>	
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
<b>Running Board Brackets</b>	
DR6BKT-RB-FRD15B	(1) 6-foot DynaFlare™ running board mounting bracket, 2015-2026
MPSM6-FRD15RB	(6) Running board brackets, each bracket holds (1) MPS6U/MPSWP light, 2015-2026 (will work on XL and XLT trim levels with OEM running boards)
MPSM6U-FD15UPRB	(6) Upper running board brackets, each bracket holds (1) MPS6U/MPSWP light, 2015-2026 (will work on XL and XLT trim levels with OEM running boards)
<b>Taillight Brackets</b>	
MPSM12U-FRD25DTL	Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/MPS12U light, 2023-2026
MPSM12U-FRD25DTL2	Pair of drill-less taillight brackets for vertical orientation, each bracket holds (1) MPS6U/MPS12U light and (1) MPS3U/MPS6U light, 2023-2026
<b>Interior Mounts</b>	
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
SIFMJR-AMBR2FFP	SpectraLux® ILS low-profile, rear window, center-focused, Amber/White, splitter; -AMBR2FFM (interface module); -AMBR2FF6 (Six-button Controller)
SIFMJS-AMBR2FF6	SpectraLux ILS low-profile, split-front headliner, center-focused, Amber/White, Six-button Controller; -AMBR2FFM (interface module); -AMBR2FFP (splitter)
SLB-FRD15ND	8-head bracket, CN SignalMaster™ or Latitude™, drill-less, 2015-2026
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
XSMBKT10	Visor mount kit for (1) single- or dual-head XStream with mounting holes for front and rear facing cameras, 2015-2026
<b>Push Bumper &amp; Accessories</b>	
DFC-PB-FRD25	DFC Series Push Bumper, 2025-2026
DFC-UG-FRD25	Upper guards, DFC Series Push Bumper, 2025-2026
DFC-TC-2L-1	Top channel, two-light, DFC Series Push Bumper, 2025-2026, holds (2) MPS6U lights
DFC-TC-4L-1	Top channel, four-light, DFC Series Push Bumper, 2025-2026, holds (4) MPS6U lights
<b>OBDII Integration Cables</b>	
OBDCABLE8-6	8-ft OBDII interface cable, F-150 2024-2026
OBDCABLE20-6	20-ft OBDII interface cable, F-150 2024-2026
OBDCABLE6-DGCAN	6-ft OBDII interface cable, F-250/350/450/550 2023-2026 (cable must be hardwired)
OBDCABLE25-DGCAN	25-ft OBDII interface cable, F-250/350/450/550 2023-2026 (cable must be hardwired)

