

LIGHT BAR MOUNT

Hook required with hook-on mount

HKB-FRD15-44-HP	44-, 45-, 46-, and 48-inch light bars, 51- and 53-inch light bars with low-profile foot, Ford F-150 Crew Cab, 2015-2023
HKB-UNH7	44-, 45-, 46-, and 48-inch light bars, 51- and 53-in light bars with low-profile foot, Ford F-150 Single and Extended Cab, 2015-2023
HKB-FRD15-HP	51- and 53-inch light bars with standard height foot, Ford F-150 Crew Cab, 2015-2023
HKB-UNH6	51- and 53-inch light bars with standard height foot, Ford F-150 Single and Crew Cab, 2015-2023

AUDIBLE WARNING BRACKETS

ESB2-FRD15ND	No drill No drill bracket kit for mounting (2) ES100C speakers behind the grille utilizing pre-drilled holes of the Ford F-150, 2015-2023, will work with EcoBoost model only, will not fit models with active lower air dam
ESB-U	Universal bail bracket, ES100C
RBC2-FRD15ND	Pair of Compact speakers, no drill, (1) passenger side bracket and (1) driver side bracket

GRILLE BRACKETS

IPX-GRL14	Pair of grille brackets with hardware, horizontal mount orientation, each bracket holds (1) MPS3U/MPS6U lights, Ford F-150, 2018-2023 (Responder, XL, and XLT models)
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RUNNING BOARD BRACKET

MPSM6-FRD15RB	(6) Running board brackets, each bracket holds (1) MPS6U light, Ford F-150, 2015-2023 (XL and XLT models)
MPSM6U-FD15UPRB	(6) Upper running board brackets, each bracket holds (1) MPS6U light, Ford F-150 Responder, 2015-2023

INTERIOR FRONT HEADLINER

SIFMJS	SpectraLux ILS Low-Profile, 8-head Split Front, Center-focused style, 2015-2023
SIFZJS	SpectraLux ILS Low-Profile, 8-head Split Front, Advanced Off-Axis style, 2015-2023
XSMBKT01	Visor mount kit for use with XSM1/XSM2 lights
XSMBKT03	Multi-vehicle headliner mount bracket for single or dual-head models XStream series
XSMBKT10	Visor mount kit for use with (1) XSM1/XSM2 and (2) cameras (forward and rear facing), Ford F-150, 2015-2023, Ford F-250/350/450/550 Super Duty, 2017-2022

REAR SIDE WINDOW

XStream	XSM1/XSM2 models will fit with included mounting brackets
MPS650 or MPS652	MicroPulse 6, (6) LEDs, Split- or dual-color

INTERIOR REAR HEADLINER

SLB-FRD15ND	8-head bracket for CNSM or Latitude, no drill, Ford F-150, 2015-2023 and Super Duty, 2017-2022
SIFMR	SpectraLux ILS Low-Profile, 8-head Rear Deck, Center-focused style, Ford F-150, 2015-2023
XSMBKT03	Headliner mount bracket for use XSM1/XSM2 lights

SIDE MIRROR BRACKET

MPSMW9-FRD15MIR	Pair of side mirror brackets, each bracket holds (1) MPSW9 light, Ford F-150, 2021-2023, will not work with tow mirrors
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HEADLIGHT / TAILLIGHT

FHL-CHG	Flasher, Headlight
FHL-TAIL	Flasher, Taillight, universal applications, 18" wire leads

UNDER TAILGATE

MicroPulse Ultra	MPS3U and MPS6U will surface mount between tailgate and bumper area
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FORD

F-150 RESPONDER

2018-2023



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Lights and Accessories Guide



EXCLUSIVE TECHNOLOGIES



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



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.



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.



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.



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.



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.

FRONT



51-inch **Valor**® with low-profile hook mount



51-inch **Integrity**® with low-profile hook mount



53-inch **Allegiant**® with low-profile hook mount

LIGHT BARS

	Valor	Integrity	Allegiant
Recommended lengths for Ford F-150 (inches)	44, 51	44, 51	45, 53
Hook Mounting Options	Standard and Low-Profile	Standard and Low-Profile	Standard and Low-Profile
Non-linear / V-Shape	•		
Low-profile	•		•
Dome colors	Clear	Clear	Amber, Black, Blue, Clear, Gray, & Red
LED colors	Amber, Blue, Green, Red, & White	Amber, Blue, Green, Red, & White	Amber, Blue, Green, Red, & White
Solaris® LED Reflectors	•	•	•
ROC (Reliable Onboard Circuitry™)	•	•	•
FS Convergence Network	•	•	•
SpectraLux® Multicolor LED	•	•	•
Two color capability	•	•	•
Three color capability	•	•	

1 SpectraLux® ILS Low-Profile

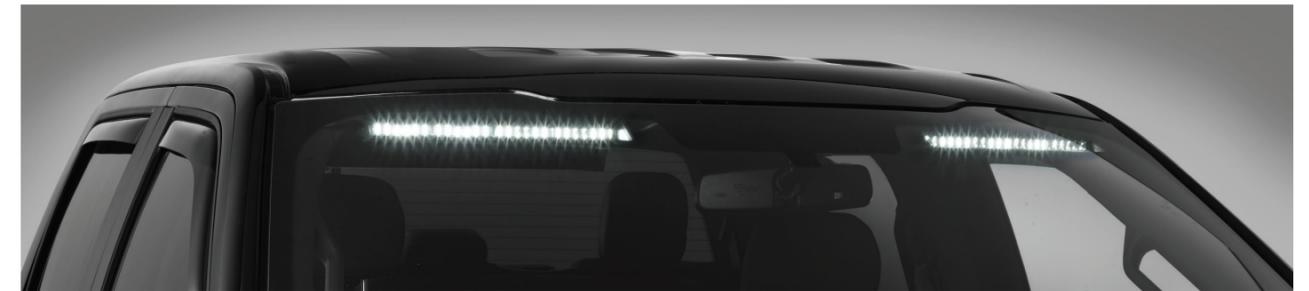
The slim-line, multicolor interior lighting system blends into the headliner of the vehicle making it ideal for undercover applications.

2 416300 Series

Single or dual-color, flush mount light head.

3 4 MicroPulse® Ultra

Ultra low-profile design offers a range of mounting options to fit various applications and is available in single, dual, and tri-color models.



SpectraLux® ILS Low-Profile provides a tight fit to the front headliner of the vehicle and offers the same advanced warning, takedown, and flood lighting capabilities as a full-size light bar.



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



MicroPulse® Ultra is available in three different sizes with either (3), (6), (12), (18), (24) or (36) LEDs. (Mounted with bracket MPSM12-DL)

DFC SERIES

Push Bumper

Designed with maximum safety in mind, and it offers customization for your specific needs while providing the best strength, durability, and protection.

Top Channel

Allows for customizations and provides extra lighting to the front of the vehicle.



No drilling is required, making installation quick and easy. The push bumper features pre-drilled holes to bolt optional lower guard and upper guard.

Lower Guard

Designed to bolt directly to a DFC Series push bumper, allowing for PIT maneuver protection.

Upper Guard

Vehicle specific contour design provides the best overall look and fit while offering additional protection to the front end and headlight.

Center Bar

Unique center bar with dual-speaker mounting locations for ease of installation and serviceability.



Top Channels are available in solid, two-light, and four-light options.



RBKIT2-COMPACT

Rumbler®

Rumbler traffic clearing system provides low-frequency warning that penetrates solid materials allowing vehicle operators and nearby pedestrians to FEEL the sound waves.

RBKIT2-COMPACT Pair of Rumbler Compact low frequency speakers for use with sirens with integrated Rumbler capability



ES100C

DynaMax®/ES100C Speaker

- Slim and lightweight, compact 100 W speaker
- Neodymium driver increases performance and reliability
- High-strength composite housing is chemical resistant and maintains rigidity at high temperatures

ES100C Speaker, 100 W, high-output, Class A



AS124

AS124

- Economical 100 W speaker
- Neodymium driver delivers superior sound quality
- Durable, composite plastic housing

750501 Speaker, 100 W, high output, Class A

750501V Speaker, 100 W, high output, Class A, vertical mounting applications



EXPMOD-2

Rear Expansion Module

- Provides the ability to flash and blackout OEM brake, tail, turn, and reverse lighting and blackout third break light
- (18) Solid state fully programmable relay outputs, (16) 7.5 Amp High 2 20 Amp High)
- Vehicle-specific rear taillight connection wire harnesses sold separately

EXPMOD-2 Rear expansion module, (18) solid-state programmable relay inputs, (16) 7.5 A flashing outputs and (2) 20 A control outputs



EXPMOD24

24-Channel Expansion Module

- 24-Channel solid-state relay outputs, 2.5 A Max (active high), 30 A Maximum total
- Potted to help protect from unfavorable weather making it ideal for under the hood mounting
- All weather-proof connections

EXPMOD24 24-channel expansion module

PUSH BUMPER	
DFC-PB-FRD21	Push bumper
TOP CHANNEL (MUST ORDER 1 WITH EACH PUSH BUMPER)	
DFC-TCP-2	Solid top channel
DFC-TC2L-2	Two-Light top-channel for use with MPS6U lights (lights sold separately)
DFC-TC4L-2	Four-Light top-channel for use with MPS6U lights (lights sold separately)
OPTIONAL LOWER GUARDS (ORDER 1 WITH EACH PUSH BUMPER IF DESIRED)	
DFC-LG-FRD21	Lower Guards for use with DFC-PB-FRD21
OPTIONAL UPPER GUARDS (ORDER 1 WITH EACH PUSH BUMPER IF DESIRED)	
DFC-UG-FRD21	Upper guards (lower guard required)
OPTIONAL WIRE COVERS	
DFC-WC-FRD21	Wire Covers for use with DFC-PB-FRD21
ACCESSORIES	
DFC-SB-750501	(1) Speaker bracket, for mounting (1) AS124 speaker
DFC-SB-ES100C	(1) Speaker bracket, for mounting (1) ES100C speaker

PATHFINDER, RUMBLER & SPEAKERS



PF200

Pathfinder® Siren and Light Controller is packed with features that puts you in control of your vehicle:

- 100/200 W siren/light controller
- Dual-tone capability
- Integrated Rumbler® intersection clearing capability
- On-Board Diagnostics (OBD) integration
- Programmable timer feature
- Library of selectable siren tones
- Voice Message Capability
- (7) Programmable inputs and (12) programmable solid-state outputs
- (2) Convergence Network ports
- Convergence Network Configuration software allows for easy customization
- Meets or exceeds SAE, California Title 13, and NFPA requirements



PF200R



PF200H



PF200S17B



PF200S6



PF200S4

PF200	Siren/Light Controller with Self-contained controls and microphone
PF200R	Siren/Light Controller with Remote surface mount controller and microphone
PF200H	Siren/Light controller with Handheld controller and microphone
PF200S17	Siren/Light Controller with 17 button surface mount controller and microphone
PF200S4	Siren/Light Controller with 4 button surface mount controller and microphone
PF200S6	Siren/Light Controller with 6 button surface mount controller and microphone



SIDE

1 2 MicroPulse® Ultra

Ultra low-profile design available in single, dual, and tri-color models.

3 XStream®

Single or dual-head, triple color interior light with cigarette plug or wire leads.

4 MicroPulse® Wide Angle

Curved design offers 180° light spread.



MicroPulse® Wide Angle utilizes (9) or (12) LEDs and is ideal for mounting on push bumpers, rub rails, side mirrors and spoilers.



MicroPulse® Ultra's lens is made of UV resistant polycarbonate to protect against harsh conditions. Models include a fully encapsulated water-proof housing, which provides a barrier against moisture and condensation.

REAR

1 CN SignalMaster™

Multicolor warning light with directional and area lighting capability available in 4- and 8-head models.

2 416900/416910 Corner LED Single-head in-line
Corner LED available in single and dual color models.

3 MicroPulse® Ultra

Ultra low-profile design offers a range of mounting options to fit various applications and is available in single, dual, or tri-color models.



CN SignalMaster™ models feature SpectraLux® technology, which allows a single LED light source to change color while in operation. Front models feature White LEDs that can be used as takedowns or act as an impressive flood light. Rear models feature Amber LEDs that can be used as an "Amber-override" for directional lighting.



416900/416910 Corner LEDs can be synchronized to flash simultaneously or alternatively and are suitable for external and internal use.



MicroPulse® Ultra light heads can be programmed to operate as a single unit or in synchronization with multiple MicroPulse light heads.