

# BRACKETS AND VEHICLE-SPECIFIC ITEMS

## LIGHT BAR MOUNTING

HKB-MME21 Hook kit, use with 44"-48" light bars (Roof mounting not recommended on vehicles equipped with Panoramic Fixed-Glass Roof)

## PATHFINDER OBDII INTEGRATION

OBDCABLE8-4 8-ft cable and module kit

OBDCABLE20-4 20-ft cable and module kit

## AUDIBLE WARNING BRACKETS

ESB-U Universal bail bracket, ES100C

ESB-L Bracket kit, ES100C, L

RB-UNIV Universal mounting kit, Rumbler

## FRONT FASCIA

MPSU Series Surface-mount MPS3U, MPS6U, MPS12U lights with -SPACRKT wedge kit

## LICENSE PLATE

MPSU Series Surface-mount MPS3U, MPS6U, MPS12U lights with -SPACRKT wedge kit

## INTERIOR FRONT HEADLINER

SIFMJS-MME21-P3 SpectraLux ILS Low-Profile, 8-head Split front, Center-focused

SIFMJP-MME21-P3 SpectraLux ILS Low-Profile, 4-head Passenger front, Center-focused

XSMBKT01 Universal headliner mount bracket for single- or dual-head models XStream series

XSMBKT03 Universal visor slip-on mount kit for single- or dual-head models XStream series

## REAR SIDE WINDOW

MPS650 or MPS652 MicroPulse 6, (6) LEDs, Single- or Dual Color

MicroPulse Ultra MPS3U, or MPS6U lights will fit in this location using MPSM3-, or MPSM6- "LB" bracket

## INTERIOR REAR HATCH

SIFMJH-MME21-P3 SpectraLux® ILS Low-Profile, 8-head Rear Hatch, Center-focused style

XStream XSM1/XSM2 models will fit with included mounting brackets

## BOTTOM OF REAR HATCH

416300 416300 series lights will fit in this location

## TAILLIGHT OPTIONS

FHL-TAIL Flasher, Taillight, universal applications, 18-inch wire leads, brake/reverse only

EXPMOD-2 18 Channel Expansion Module with taillight black-out capability

FORD MUSTANG

MACH-E

2021 - 2024



800-264-3578 | [www.fedsig.com](http://www.fedsig.com)

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Lights and Accessories Guide





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



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



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



48-inch **Reliant**® with low-profile hook mount

	<b>Valor</b>	<b>Integrity</b>	<b>Allegiant</b>	<b>Reliant</b>
Recommended lengths for Ford Mustang Mach-E (inches)	44	44	45	48
Hook Mounting Options	Standard and Low-Profile	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	Red/Blue, Blue, & Clear
LED colors	Amber, Blue, Green, Red, & White	Amber, Blue, Green, Red, & White	Amber, Blue, Green, Red, & White	Amber, Blue, Red, & White
Solaris® LED Reflectors	•	•	•	•
ROC (Reliable Onboard Circuitry™)	•	•	•	•
FS Convergence Network	•	•	•	•
SpectraLux® Multicolor LED	•	•	•	•
Two color capability	•	•	•	•
Three color capability	•	•		

Light bars cannot be mounted on a Mustang Mach-E with a Panoramic Fixed-Glass Roof. Light bars can only be mounted on a Mustang Mach-E in a metal roof option.

# 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

## 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 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.



**MicroPulse® Ultra** light heads can be programmed to operate as a single unit or in synchronization with multiple MicroPulse light heads. Available in three, different sizes with either (3), (6), (12), (18), (24), or (36) LEDs.



# SIDE

**1 3 416300 Series**

Single or dual-color, flush mount light head.

**2 MicroPulse® Ultra**

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



RBKIT-SOLO



RBKIT2-COMPACT



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

**Rumbler®**

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

**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



PFSYNC1

**On Scene Sync Module**

- Synchronize warning lights and voice messages between multiple "like programmed" vehicles
- Utilizes GPS signal to maintain timing
- Sync unlimited number of vehicles within any distance
- Includes an ambient light sensor to auto adjust warning lights

**PFSYNC1** On Scene Sync, GPS/Ambient



EXPMOD-2

**Rear Expansion Module**

- Provides the ability to flash and blackout OEM brake, tail, turn, and reverse lighting and blackout third brake light
- (18) Solid state fully programmable relay outputs, ((16) 7.5 Amp High and (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

# PATHFINDER, RUMBLER SPEAKER & ACCESSORIES



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 when used with two speakers
- Integrated Rumbler® traffic clearing capability
- On-Board Diagnostics (OBD) integration
- Programmable timer feature
- Library of selectable siren tones
- Standard voice messages are available in English, Spanish, and French Canadian to broadcast alerts. Custom voice messages available for an additional fee.
- (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

<b>PF200</b>	Siren/Light Controller with Self-contained controls and microphone
<b>PF200R</b>	Siren/Light Controller with Remote surface mount controller and microphone
<b>PF200H</b>	Siren/Light controller with Handheld controller and microphone
<b>PF200S17B</b>	Siren/Light Controller with 17 button surface mount controller and microphone
<b>PF200S4</b>	Siren/Light Controller with 4 button surface mount controller and microphone
<b>PF200S6</b>	Siren/Light Controller with 6 button surface mount controller and microphone



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



**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.



**SpectraLux® ILS Low-Profile** models feature SpectraLux technology, which allows a single LED light source to change color while in operation. Front models feature White LEDs that can act as an impressive flood light, and rear models feature Amber LEDs that can be used as an “Amber-override” for directional lighting.



**41630 Series** is ideal for mounting in a variety of applications such as tailgates, running boards, push bumpers, grille, side mirrors, and inside trunk lids and door panels.



**MicroPulse® Ultra** light heads can be programmed to operate as a single unit or in synchronization. Models are available in three different sizes with (3), (6), (12), (18), (24), or (36) LEDs.

# REAR

**1 SpectraLux® ILS Low-Profile Rear Hatch**

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

**2 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.