

# SpectraLux® ILS Low-Profile

## Interior Mount Warning Lights



### FEATURES

- Available in two styles; Center-Focused and Advanced Off-Axis
- SpectraLux®, multicolor LED technology is configurable in combinations of Amber, Blue, Green, Red, or White
- Solaris® LED reflectors provide the highest optical efficiency
- ROC (Reliable Onboard Circuitry™) technology reduces potential failure points
- Models available with FS Convergence Network for “plug-n-play” installation and programming or a discrete cable
- FSJoin™ allows for programmability through the Convergence Network software
- [26] built-in flash patterns
- Slimmer shrouds offer less windshield obstruction for increased officer safety
- Vehicle-specific shrouds prevent flash-back and are available for most standard police vehicle applications
- Multi-vehicle kits offer flexibility for mounting in a large variety of vehicles
- Available in split-front models (8-LED reflectors); passenger side only (4-LED reflectors); Rear Deck/Rear Hatch/Rear Window (8-LED reflectors)
- Five-year warranty

### Warning and Traffic Clearing LED Light Built For First Responders

Ideal for undercover and highway police car applications, the SpectraLux® ILS Low-Profile warning lights offers a smaller and tighter fit to the front headliner with the same advanced warning, takedown, and floodlighting capabilities as a full-size light bar. The shroud top-covers hide PC boards creating a stealth and finished look, and the fit of the lighting system reduces windshield obstruction, which improves the police officer’s visibility.

Front models of the SpectraLux ILS Low-Profile are available in split front, passenger side, and driver side models. Vehicle-specific shrouds are available for the most common first responders and work truck vehicles, and slotted brackets and side shields in the multi-vehicle model offer flexibility to mount the ILS in a larger variety of vehicles. Rear Deck/Rear Hatch/Rear Window models feature a low-profile design and vehicle-specific shrouds, allowing for a tight fit to the back windshield of the Dodge® Charger or upper rear hatch of the Ford® Police Interceptor Utility and Chevrolet® Tahoe.

### Stealthy Appearance with Eye-Catching Results

From inside the vehicle, the low-profile SpectraLux ILS blends into the headliner of the vehicle. When illuminated, the Solaris® LED reflectors provide superior optical performance outside the vehicle. With SpectraLux® technology, while in operation, a single LED light source can change color combinations from Red, Amber, Blue, or White. White LED options can be used as takedowns, work lights, or act as an impressive floodlight, and Amber LED options in rear models can be used as an “Amber-override” for directional lighting.

### Simple Installation and Programming



SpectraLux ILS on a Ford Interceptor Utility

### FS TECHNOLOGIES



All SpectraLux® ILS Low-Profile models are equipped with the FS Convergence Network for simple “plug-n-play” installation and programming. These units are compatible with FS Convergence Network sirens such as the Pathfinder® light/siren controller, and they are programmed with (26) built-in flash patterns that can remain in sync with other light head flash patterns or operate independently.

Programming is made easy with FSJoin™ in conjunction with the Pathfinder light/siren controller. The synchronization of functions, operation, and flash patterns of individual light heads from multiple warning devices can be programmed to create a unified vehicle solution through the Convergence Network software.

Standard programming for front models includes left, right, and full flood, takedowns, cruise mode, front cut-off, intersection mode and dimming. Standard programming for rear models includes rear cutoff, intersection mode, dimming, SignalMaster™, directional warning, and cruise mode.

#### Advanced Off-Axis Model (SIFZJ) Versus Center-Focused Model (SIFMJ)

The SpectraLux ILS Low-Profile is available in two models, Advanced Off-Axis and Center-Focused. Both models offer the same capabilities and technologies. The Advanced Off-Axis SpectraLux ILS Low-Profile utilizes offset Solaris reflectors that provide more light output at the critical intersection angles to the front and sides of the vehicle. The Center-Focused ILS utilizes all forward-facing Solaris reflectors that concentrate all the light output to the front of the vehicle. Forward-facing reflectors allow the ILS Low-Profile shroud to be smaller and mount tighter to the headliner than the Advanced Off-Axis. The Center-Focused model also offers one-piece mounting brackets, whereas most Advanced Off-Axis models have two mounting brackets.



**SIFMJ models\***  
**Reflector layout for Center-Focused**



**SIFZJ models\***  
**Reflector layout for Advanced Off-Axis**

\*Shrouds shown are the Ford Interceptor Utility, size difference varies between vehicles.

## SPECIFICATIONS

<b>VOLTAGE</b>	12 Vdc
<b>CURRENT DRAW (SPLIT FRONT AND REAR MODELS)</b>	8 A
<b>CURRENT DRAW (PASSENGER/DRIVER SIDE ONLY)</b>	4 A
<b>OPERATING TEMP.</b>	-22° to +149° F [-30° to +65° C]

### PHYSICAL SPECIFICATIONS

Varies by model

### SHIP WEIGHT

Varies by model



**2019 Ford F-150 with Center-Focused ILS**



**2019 Dodge Durango with Center-Focused ILS**



**2020 Ford Police Interceptor Utility with Center-Focused ILS**

## HOW TO ORDER CENTER-FOCUSED SPECTRALUX® ILS

Visit our online [configurator](https://config.fedsig.com) to customize your SpectraLux ILS | [config.fedsig.com](https://config.fedsig.com)



VEHICLE	YEARS	SPLIT-FRONT/PASSENGER SIDE ONLY	REAR HATCH/REAR DECK/REAR WINDOW
MULTI-VEHICLE			
	All	•	
CHEVROLET			
BOLT*	2017+	•	
EQUINOX*	2018+	•	
TAHOE	2015-2020	•	
TAHOE	2021+	•	•
TRAVERSE	2018+	•	•
SILVERADO	2019+	•	
SILVERADO HD (2500-3500)	2020+	•	
EXPRESS*	2010+	•	
DODGE			
CHALLENGER*	2019+	•	•
CHARGER	2016+	•	•
DURANGO	2016+	•	•
FORD			
EDGE*	2018+	•	
EXPEDITION	2018+	•	•
F-150	2015+	•	•
F-250/F-350	2017+	•	
MUSTANG*	2019+	•	•
POLICE INTERCEPTOR UTILITY	2020+	•	•
ESCAPE*	2020+	•	
TOYOTA			
CAMRY*	2018+	•	
HIGHLANDER*	2018+	•	
RAV4*	2018+	•	

\*Note - These vehicles are not on the online configurator. Contact your local distributor or Federal Signal sales representative for assistance.



Bracket kit included with universal models

## HOW TO ORDER OFF-AXIS SPECTRALUX® ILS



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VEHICLE	YEARS	SPLIT-FRONT/PASSENGER SIDE ONLY
MULTI-VEHICLE		
	All	•
CHEVROLET		
COLORADO	2016+	•
TAHOE	2015-2020	•
TAHOE	2021+	•
SILVERADO	2019+	•
DODGE		
CHARGER	2015+	•
RAM (4TH GEN)	2016+	•
RAM (5TH GEN)	2019+	•
FORD		
F-150	2015+	•
F-250/F-350	2017+	•
FORD POLICE INTERCEPTOR UTILITY	2020+	•



SIFMSJ shown on a 2019 Ford F-150 Responder



SIFMJS shown on a 2019 Ford F-150 Responder



SIFMJR shown on a 2018 Dodge Charger



SIFMJR shown on a 2018 Dodge Charger



SIFMJH shown on a 2020 Ford Interceptor Utility



SIFMJH shown on a 2020 Ford Interceptor Utility



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