



SPECTRALUX™ ILS INTERNAL LIGHTING SYSTEM



Warning and traffic clearing LED light built for first responders

SpectraLux™ ILS provides advanced warning and directional lights for both undercover and highway law enforcement vehicles as well as fire command vehicles. SpectraLux ILS offers the same advanced warning and directional lighting as a full-size lightbar. This internal LED lighting system features Federal Signal's SpectraLux multicolor LED capability.

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 flood light. Rear models operate as a standard emergency warning light or amber SignalMaster™, directional warning light, for on-coming traffic.

SpectraLux ILS is available in split-front (8 LED reflectors), passenger side only (4 LED reflectors), and rear deck (10 LED reflector) models to fit a variety of popular law enforcement vehicles. Rear deck models are available with 6-head or 8-head SignalMaster. Rear models can also be configured with an 8-head SignalMaster and Red/Blue flashing ends.

Simple installation and programming

SpectraLux ILS 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 PA300-CN and SmartSiren® Platinum.

SpectraLux ILS are programmed with 26 built-in flash patterns and can remain in sync with other lighthead flash patterns or operate independently.

> Features

- SpectraLux™, multicolor LED technology is configurable in combinations of Amber, Blue, Red or White
- Solaris® LED assemblies provide the highest optical efficiency
- ROC (Reliable Onboard Circuitry™) technology reduces potential failure points
- Compatible with FS Convergence Network sirens; PA300-CN and SmartSiren® Platinum
- Available in split-front models (8-LED reflectors); passenger side only (4-LED reflectors); and rear deck (10-LED reflectors)
- Twenty-six (26) flash patterns
- White LEDs can be utilized as takedowns and flood lighting
- With SpectraLux technology, no "dead-spot" in take down position
- With SpectraLux while in motion, rear models can flash in red/blue pattern then changes to amber SignalMaster™ flash pattern
- Left, right and center out SignalMaster patterns
- Standard five-year warranty on parts; One-year factory labor



SpectraLux ILS Models are available for the following vehicles:

Split Front Headliners

Ford Interceptor Sedan
 Ford Interceptor Utility
 Chevy Caprice
 Dodge Charger
 Ford Crown Vic
 Chevy Impala
 Chevy Tahoe
 Ford Expedition

Passenger-Side Headliners

Ford Interceptor Sedan
 Ford Interceptor Utility
 Chevy Caprice
 Dodge Charger
 Ford Crown Vic
 Chevy Impala
 Chevy Tahoe
 Ford Expedition

Rear Deck

Ford Interceptor Sedan
 Chevy Caprice
 Dodge Charger
 Ford Crown Vic
 Chevy Impala

	Split Front Headliner	Passenger-Side Headliner	Rear Deck
Specifications			
Voltage	12.8 VDC		
Amp Draw (total)	8 Amps	4 Amps	10 Amps
Operating temp	-30°C to +65°C		
Dimensions and Ship Weights			
Contact Service Department for specific vehicle dimensions			



Flood Lighting feature



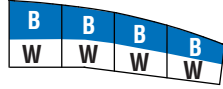
SignalMaster feature

Select a popular configuration below or customize a configuration using our on-line configurator at <http://config.fedsig.com/lightbar/>

Split Front Headliner



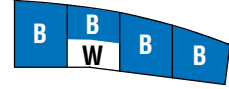
- Caprice - SILSS-00023
- Charger - SILSS-00024
- Tahoe - SILSS-00026
- Expedition - SILSS-00027



- Interceptor Sedan - SILSS-00028
- Interceptor Utility - SILSS-00029
- Impala - SILSS-00030

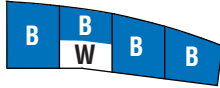


- Caprice - SILSS-00015
- Charger - SILSS-00016
- Tahoe - SILSS-00018
- Expedition - SILSS-00019



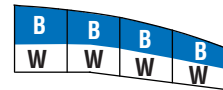
- Interceptor Sedan - SILSS-00020
- Interceptor Utility - SILSS-00021
- Impala - SILSS-00022

Passenger-Side



- Caprice - SILSP-00020
- Charger - SILSP-00021
- Tahoe - SILSP-00023
- Expedition - SILSP-00024

- Interceptor Sedan - SILSP-00025
- Interceptor Utility - SILSP-00026
- Impala - SILSP-00027



- Caprice - SILSP-00004
- Charger - SILSP-00005
- Tahoe - SILSP-00007
- Expedition - SILSP-00008

- Interceptor Sedan - SILSP-00009
- Interceptor Utility - SILSP-00010
- Impala - SILSP-00011

Rear Deck



- Impala - SILSD-00022
- Charger - SILSD-00021
- Caprice - SILSD-00020
- Interceptor Sedan - SILSD-00023

> How to Order

Ford Interceptor Sedan

- SILSS-00020** Split Front Headliner Models
(3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module
- SILSS-00028** (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module
- SILSP-00025** Passenger Side Front Headliner Models
(3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module
- SILSP-00009** (4) 4" Blue/White LED reflectors, interface module
- SILSD-00023** Rear Deck Model
(1) 4" Red LED reflector, (4) 4" Red/Amber LED reflectors, (4) 4" Blue/Amber LED reflectors, (1) 4" Blue LED reflector, splitter

Ford Interceptor Utility

- SILSS-00021** Split Front Headliner Models
(3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module
- SILSS-00029** (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module
- SILSP-00026** Passenger Side Front Headliner Models
(3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module
- SILSP-00010** (4) 4" Blue/White LED reflectors, interface module

Dodge Charger

- SILSS-00016** Split Front Headliner Models
(3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module
- SILSS-00024** (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module
- SILSP-00021** Passenger Side Front Headliner Models
(3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module
- SILSP-00005** (4) 4" Blue/White LED reflectors, interface module
- SILSD-00021** Rear Deck Model
(1) 4" Red LED reflector, (4) 4" Red/Amber LED reflectors, (4) 4" Blue/Amber LED reflectors, (1) 4" Blue LED reflector, splitter

Chevrolet Caprice

- SILSS-00015** Split Front Headliner Models
(3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module
- SILSS-00023** (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module
- SILSP-00020** Passenger Side Front Headliner Models
(3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module
- SILSP-00004** (4) 4" Blue/White LED reflectors, interface module
- SILSD-00020** Rear Deck Model
(1) 4" Red LED reflector, (4) 4" Red/Amber LED reflectors, (4) 4" Blue/Amber LED reflectors, (1) 4" Blue LED reflector, splitter

Chevrolet Impala

- SILSS-00022** Split Front Headliner Models
(3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module
- SILSS-00030** (4) 4" Red/White LED Reflectors, (4) 4" Blue/White LED reflectors, interface module
- SILSP-00027** Passenger Side Front Headliner Models
(3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module
- SILSP-00011** (4) 4" Blue/White reflectors, interface module
- SILSD-00022** Rear Deck Model
(1) 4" Red LED reflector, (4) 4" Red/Amber LED reflectors, (4) 4" Blue/Amber LED reflectors, (1) 4" Blue LED reflector, splitter

Chevrolet Tahoe

- SILSS-00018** Split Front Headliner Models
(3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module
- SILSS-00026** (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module

Ford Expedition

- SILSS-00019** Split Front Headliner Models
(3) 4" Red LED reflectors, (3) 4" Blue LED reflectors, (1) 4" Red/White LED reflector, (1) 4" Blue/White LED reflector, interface module
- SILSS-00027** (4) 4" Red/White LED reflectors, (4) 4" Blue/White LED reflectors, interface module
- SILSP-00024** Passenger Side Front Headliner Models
(3) 4" Blue LED reflectors, (1) 4" Blue/White LED reflector, interface module
- SILSP-00008** (4) 4" Blue/White reflectors, interface module

