



FEDERAL SIGNAL



2012–2017 FORD INTERCEPTOR SEDAN

Federal Signal Lights and Sirens Guide



Federal Signal is The Driving Force behind technologies to provide safe and reliable emergency warning for law enforcement. It is our commitment to engineer the highest performing and most reliable products for your emergency vehicle.



Lightbars

Valor®

Non-linear, low-profile lightbar with Solaris LED technology for superior off-axis warning

Integrity®

Modern low-profile, linear lightbar with SpectraLux multi-color LED technology

Legend®

Traditional low-profile, linear lightbar built with the latest lighting technology

Vision® SLR

Non-linear lightbar with Solaris LED rotators to maximize light-output at intersection angles

Valor



Integrity



Legend



Vision SLR





① MicroPulse



② MicroPulse

Interior and Exterior Mount Warning Lights

MicroPulse™ ① Side Marker Light ② Side Mirror

Available as three, six or twelve LED models in single or split color combinations

IMPAXX® 6 ③ Grille ④ Trunk

Six LED models feature SpectraLux multi-color technology and can operate independently or synchronized with other light heads

IMPAXX® 3 ⑤ License Plate

Three LED models can operate independent or synchronized with other lighthead



③ IMPAXX 6



④ IMPAXX 6



⑤ IMPAXX 3



⑥ SpectraLux ILS Low Profile



⑦ Littlite



⑧ Viper S2

Interior Mount Warning Lights

SpectraLux® ILS Low Profile ⑥ Front Headliner ⑨ Rear Deck

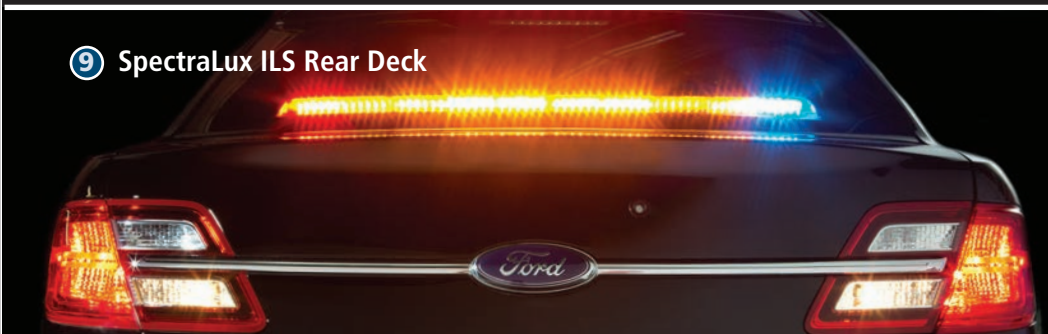
The slim-line, multi-color interior lighting system is ideal for undercover applications

Littlite® ⑦ Center Console

Flexible gooseneck light will brighten up console and work area

SpectraLux® Viper® S2 ⑧ Headliner and Rear Deck

Single and dual-head interior light with easy-to-select flash patterns



⑨ SpectraLux ILS Rear Deck



DynaMax / ES100



Sirens and Speakers

DynaMax® / ES100

A slim and lightweight 100-watt speaker mounts easily into the grille

Rumbler®

Intersection Clearing System works with most sirens to create a vibrating tone you can feel

SmartSiren® Platinum

A rugged light and siren control head and re-defined amplifier relay unit



SmartSiren Platinum



LIGHTBARS	Vision SLR	Valor	Integrity	Legend	LPX
Recommended length for Ford Interceptor Sedan	46"	44"	44"	45"	45"
Non-linear / V-Shape	●	●			
Solaris LED Reflector Technology	●	●	●	●	●
ROC (Reliable Onboard Circuitry)		●	●	●	●
FS Convergence Network	●	●	●	●	●
SpectraLux Multi-color LED Technology	●	●	●		
SLR (Solaris LED Rotator)	●				
HotFoot	●	●	●	●	
LED Takedowns & Alleys	●	●	●	●	●
LED SignalMaster	●	●	●	●	●
Flood Lighting	●	●	●		
Dimming	●	●	●	●	●

Federal Signal Exclusive Technologies



SpectraLux®

SPECTRALUX® multicolor LED technology provides the ability for a LED light head to change color while in operation. LEDs can change between Red, Blue, Amber or White through user-selected flash patterns.



Solaris®

SOLARIS® LED reflector technology is engineered to increase off-axis warning and maximize the LED light source to eliminate dark spots and distribute 360-degrees of light coverage.



SLR

SLR (SOLARIS® LED ROTATOR) design maximizes the LED light source for full light coverage. SLR rotators in the Vision SLR, provide rotating, oscillating, flashing and flood light functionality.



**Convergence
Network**

FS CONVERGENCE NETWORK provides "plug-n-play" installation from Federal Signal's SmartSiren® Platinum, amplifier and controller, to our family of serial communication lightbars and SpectraLux ILS Interior Lighting System.



ROC

ROC (RELIABLE ONBOARD CIRCUITRY™) technology eliminates approximately 85% of the connection failure points found in a typical lightbar. Wires, connections, and assemblies are replaced by PCB assemblies — reducing labor repair time and increasing the road time for emergency vehicles.



HotFoot®

HOTFOOT® lighted mounting feet provide additional light through powerful Solaris LED reflectors that are built into the mounting system of the lightbar.

Vehicle Reference Guide

Model	Description
Lightbar Mounts	
HKB-TAR11	Hook required with hook-on mount, Ford Police Interceptor Sedan 2013–2017
Audible Warning Brackets	
ESB-TAR11	ES100C speaker bracket, Ford Police Interceptor Sedan 2013–2017
750501-04	AS124 speaker bracket for Ford Police Interceptor Sedan 2013–2017
RB-FPIS13	Rumbler bracket for Ford Police Interceptor Sedan 2013–2017
Grille Light Bracket	
IPX-GRL5	IMPAXX, pair of grille brackets, Ford Police Interceptor Sedan 2013–2017
License Plate Light Bracket	
IPX-LPH1	IPX3/IPX6/MPS300, generic high-side license plate holder with horizontal mount tab on each side
Rear Side Window Light Brackets	
IPX-SW1	IPX3, pair of rear side window mount brackets
VPX-SW	IPX6, pair of rear side window mount brackets, each bracket holds (2) lights
Push Bumper and Accessories	
PBX02	Push Bumper, Ford Police Interceptor Sedan 2013–2017
PBX-TCP-1	Plain top channel for use with PBX02
PBX-TC2L-1	Top-channel for mounting (2) IPX6 lights on PBX02 bumpers
PBX-TC2L-3	Top channel for mounting (2) MPS600U or MPS620U lights on PBX02 bumpers
PBX-TC4L-1	Top-channel for mounting (4) IPX6 lights on PBX02 bumpers
PBX-TC4L-3	Top channel for mounting (4) MPS600U or MPS620U lights on PBX02 bumpers
PBX-PIT02	PIT bars for use with PBX02
PBXW-FPIS13	Wing Wraps for use with Ford Police Interceptor Sedan 2013–2017
IPX-PB45H	IPX3/IPX6, pair, 45-degree slanted push bumper mounts, horizontal light orientation
IPX-PB45V	IPX3/IPX6, pair, 45-degree slanted push bumper mounts, vertical light orientation
Trunk Lid Light Bracket	
IPX-TRNK4	IPX3/IPX6/MPS300/MPS600, pair of inner trunk lid brackets with hardware, Ford Police Interceptor Sedan 2013–2017



Model	Description
Taillight Flasher	
FHL-TAIL	Flasher, Taillight, universal applications, 18" wire leads
Interior Rear Deck	
SILSD	SpectraLux ILS, Rear Deck 10-head
350701-06	Viper S2 bracket, rear deck/single, Ford Interceptor Sedan, 2013–2017
350701-07	Viper S2 bracket, rear deck/dual, Ford Interceptor Sedan, 2013–2017
Side Marker	
MPSM6-FPISSM	Kit, MPS side marker mount, Ford Police Interceptor Sedan
Interior Front Headliner	
SIFMS	SpectraLux ILS Low-Profile, 8-head Front Split, Center-focused style
SIFMP	SpectraLux ILS Low-Profile, 4-head Passenger-side only, Center-focused style
SIFZS	SpectraLux ILS Low-Profile, 8-head Front Split, Off-axis style
SIFZP	SpectraLux ILS Low-Profile, 4-head Passenger-side only, Off-axis style
350701-04	Viper S2 bracket, rear view mirror/headliner/single, Ford Interceptor Sedan and Utility 2013–2017
350701-05	Viper S2 bracket, rear view mirror/headliner/dual, Ford Interceptor Sedan and Utility 2013–2017
IPX6-HL1	IPX6, pair of headliner mount brackets, each holds (1) IPX6 light
Prisoner Transport	
PTPS02	Polymer Seat, OS Belts, Ford Sedan 2012–2017
PTPSF02	Polymer Seat, factory belts, Ford Sedan 2012–2017
PTFP02	V-Drain Floor Pan, Ford Sedan 2012–2017
PTDP02	Door Panels, Ford Sedan 2012–2017
PTWGS02	Window Guards, Steel, Ford Sedan 2012–2017
PTWGPC02	Window Guards, Polymer, Ford Sedan 2012–2017

Federal Signal Lights and Sirens

INTERIOR WARNING LIGHTS	SpectraLux® ILS Low Profile	SpectraLux® ILS Rear Deck	SpectraLux® Viper® S2	Viper® S2
Solaris® LED Reflector Technology	●	●	●	●
ROC (Reliable OnBoard Circuitry™)	●	●		
FS Convergence Network	●	●		
SpectraLux™ Multicolor LED Technology	●	●	●	
Discrete wired option	●		●	●
Single Color	●	●		●
Number of LEDs*	6, 12 or 18 per head	6, 12 or 18 per head	6, 12 or 18 per head	8 per head
LED Takedown	●		●	
LED SignalMaster™		●		
Flood Lighting	●			
Sync	●	●	●	●
Warranty (years)	5	5	5	5

* Number of LEDs determined by color combination

SIRENS	SSP3000B	SSP2000B	PA640	650 Series	PA300	MS4000
FS Convergence Network	●	●				
Air Horn	●	●	●	●	●	●
PA (Public Address)	●	●	●	●	●	
Siren Tones	●	●	●	●	●	●
Remote Control Head	●	●		●		
Slide Switch	●	●	●			
Lighting Control	●	●	●	●		
SignalMaster™ Control	●	●				
Microphone	●	●	●	●	●	
Warranty (years)	5	3	3	3	3	3

THE DRIVING FORCE

BEHIND SAFE & RELIABLE EMERGENCY SOLUTIONS



Lights and Sirens

Federal Signal is driving technology to provide safe and reliable emergency warning for first responders. It is our commitment to engineer the most reliable and high-performing products for your emergency vehicle. With the innovation of the Solaris LED reflector, ROC (Reliable Onboard Circuitry), SpectraLux multicolor LED capability, and FS Convergence Network, Federal Signal is clearly leading the way in innovative lights and siren solutions.



AirEL Illumination

The AirEL system allows ground and aerial crews to establish identification of the specific vehicles through illuminated alphanumeric characters. AirEL utilizes proven electroluminescent technology. AirEL is comprised of alpha numeric characters, weather-proof housing pods and compact inverter.



Stinger® Spike System

Federal Signal is committed to producing quality, cost-effective tire deflation devices to assist law enforcement personnel in bringing pursuits to a safe and quick conclusion. We feel so strongly in the safety of law enforcement personnel and the public that we offer free Stinger Spike System training.

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