



2015-2017 DODGE CHARGER

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 Ultra



Interior and Exterior Mount Warning Lights

MicroPulse™ Ultra ① Rear Side Window ③ License Plate

Ultra low profile design available in three, six, or twelve LEDs

MicroPulse™ ② Hood Mount ④ Front Side Mirror

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

IMPAXX® 6 ⑤ Trunk Mount

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

② MicroPulse



③ MicroPulse Ultra



④ MicroPulse



⑤ IMPAXX 6



① MicroPulse Wide Angle



Interior and Exterior Mount Warning Lights

MicroPulse™ Wide Angle

① Below Side Mirror

Nine LED model offers 180-degree light spread

MicroPulse™ ② Front Grille

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

IMPAXX® 6 ③ Front Grille

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

② MicroPulse



③ IMPAXX 6





① SpectraLux ILS Low Profile



② SpectraLux ILS Low Profile

Interior and Exterior Mount Warning Lights

SpectraLux® ILS Low Profile ① ② Front Headliner

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

SpectraLux® Viper® S2 ③ Headliner & Rear Deck

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

Littlite® ④ Center Console

Flexible gooseneck light will brighten up console and work area

SpectraLux® ILS Rear Deck ⑤ ⑥

Multi-color interior lighting system is ideal for undercover applications



③ Viper S2





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

Dodge Charger

LIGHTBARS	Vision SLR	Valor	Integrity	Legend	LPX
Recommended length for Dodge Charger	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® 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® 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 (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.



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

THE DRIVING



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.

FORCE

BEHIND SAFE & RELIABLE EMERGENCY SOLUTIONS



Prisoner Transport Systems

Federal Signal's prisoner transport system product line offers a reliable and practical solution for prisoner transport. It includes polymer seats with officer safety belts, SUV rear partitions, floor pans, window guards, door panels, and electronics fold down cover. The prisoner transport systems are made specifically to fit the Ford Interceptor Utility, Ford Interceptor Sedan, Chevrolet Tahoe and Dodge Charger.



PBX Series Push Bumpers

The PBX Series is designed with maximum safety in mind, and it offers customization for your specific needs while providing the best strength, durability, and protection. No drilling is required, making installation quick and easy. On the push bumper, there are pre-drilled uprights and center cross plate for adding an optional PIT bar and mounting extra lights or speakers. Three top channel options further allow the customer to choose how to customize the vehicle.

Vehicle specific push bumpers, top channels, pit bars, and wing wraps are available for the Ford Interceptor Utility, Ford Interceptor Sedan, Chevrolet Tahoe, Dodge Charger, and Ford F-150.

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Dodge Charger, 2015-2017

Model	Description
	Lightbar Mount
HKB-LPCHGR11	Hook required with hook-on mount, Dodge Charger 2011-2017
	Audible Warning Brackets
ESB-CHGR15	Kit, combination bracket for mounting a ES100C and (2) IPX/MPS lights behind the grille, Dodge Charger 2015-2017, does not mount with Rumbler
ESB-U	ES100C bracket, Universal, mounts with or without Rumbler
RB-CHGR15	Rumbler mount kit, pair of mount brackets, Dodge Charger 2015-2017
750501-09	AS124 speaker mounting bracket, Dodge Charger 2015-2017
	License Plate Light Brackets
IPX-LPV1	IPX3/IPX6, flat surface license plate mount for various vehicles without recessed plate mounting options
IPX-LPVX1	IPX3/IPX6, extended license plate bracket for vehicles with a recessed license plate mount location
	Push Bumper and Accessories
PBX03	Push Bumper, Dodge Charger 2011-2017
PBX-TCP-1	Plain top channel for use with PBX03
PBX-TC2L-1	Top-channel for mounting (2) IPX6 lights on PBX03 bumpers
PBX-TC2L-3	Top channel for mounting (2) MPS600U or MPS620U lights on PBX03 bumpers
PBX-TC4L-1	Top-channel for mounting (4) IPX6 lights on PBX03 bumpers
PBX-TC4L-3	Top channel for mounting (4) MPS600U or MPS620U lights on PBX03 bumpers
PBX-PIT03	PIT bars for use with PBX03
PBXW-CHGR15	Wing Wraps for Dodge Charger 2015-2017
IPX-PB45H	IPX3/IPX6, pair of 45-degree slanted push bumper mounts, horizontal light orientation
IPX-PB45V	IPX3/IPX6, pair of 45-degree slanted push bumper mounts, vertical light orientation
	Headlight/Taillight Flashers
FHL-CHG	Flasher, headlight, Dodge Charger, 2006-2017
FHL-TAIL	Flasher, taillight, universal applications, 18" wire leads
	Grille Light Brackets
IPX-GRL8	IPX/MPS/MPSU, pair of grille brackets, horizontal mount orientation, Dodge Charger 2015-2017, does not mount with Rumbler
IPX-GRL9	IPX3/MPS3/MPSU3, (1) grille bracket, horizontal mount orientation, Dodge Charger 2015-2017, mounts with Rumbler

Dodge Charger, 2015-2017

Model	Description
Rear Side Window Light Bracket	
IPX-RSW1	IPX3/IPX6, pair rear side window mount brackets and covers, Dodge Charger 2006-2017
Interior Rear Deck	
SILSD	SpectraLux ILS, Rear Deck 10-head
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
Prisoner Transport	
PTPS03	Polymer Seat, OS Belts, Dodge Charger 2012-2017
PTPSF03	Polymer Seat, factory belts, Dodge Charger 2012-2017
PTFP03	V-Drain Floor Pan, Dodge Charger 2012-2017
PTDP03	Door Panels, Dodge Charger 2012-2017
PTWGS03	Window Guards, Steel, Dodge Charger 2012-2017
PTWGPC03	Window Guards, Polymer, Dodge Charger 2012-2017

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