



2015-2017 CHEVROLET TAHOE

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 IMPAXX 6



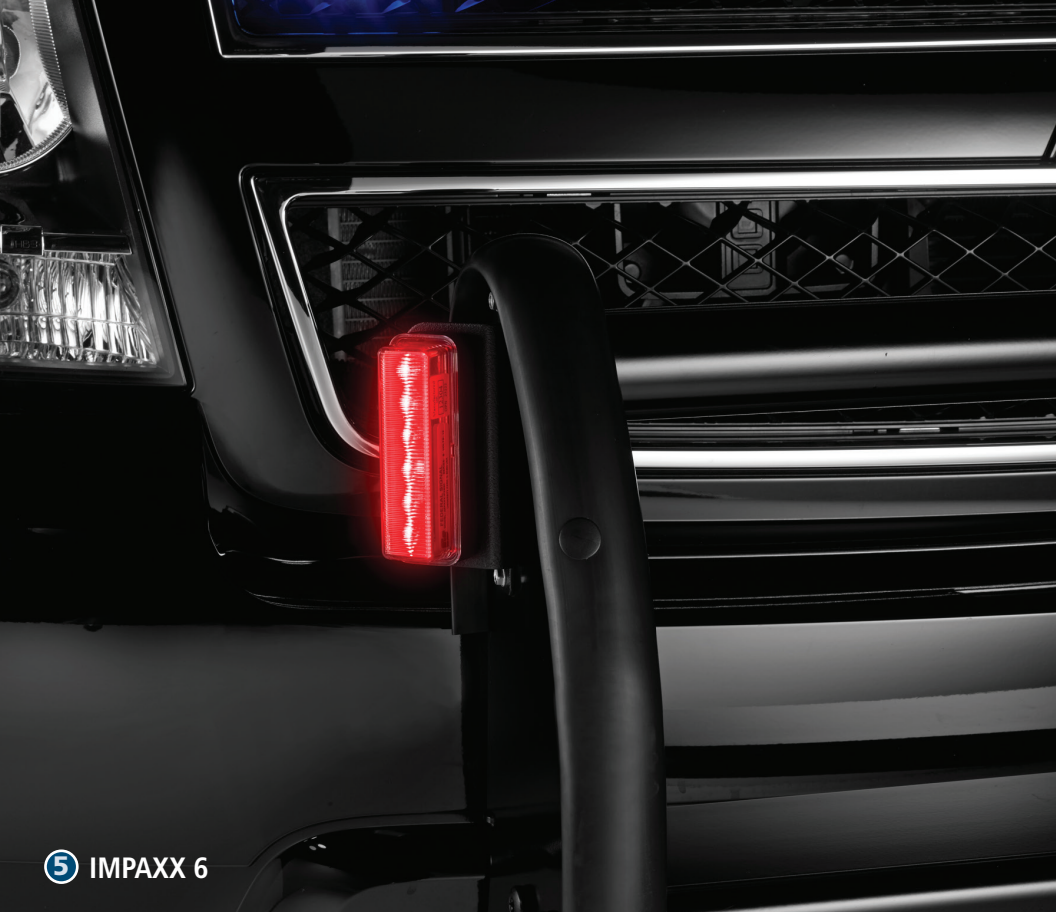
② MicroPulse Ultra



③ IMPAXX 3



④ MicroPulse Ultra/MicroPulse Wide Angle



⑤ IMPAXX 6

Interior and Exterior Mount Warning Lights

IMPAXX® 6 ① Front Grille ⑤ Push Bumper

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

MicroPulse Ultra ② Rear Window ④ Front of Side Mirror

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

IMPAXX® 3 ③ License Plate

Three LED models can operate independently or synchronized with other light heads

MicroPulse Wide Angle ④ Below Side Mirror

Nine LED models offer 180-degree light spread



① Taillight Flasher



② MicroPulse Wide Angle

Interior and Exterior Mount Warning Lights

Headlight/Taillight Flasher ① Rear Taillight

"Plug-n-Play" Headlight/Taillight Flashers

MicroPulse™ Wide Angle ② Fog Lamp ④ Push Bumper

Nine LED model offers 180-degree light spread

MicroPulse™ Ultra ③ Rear Hatch

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

In-Line Corner LED ⑤ Front Headlight

Two-head In-Line Corner LED System with 19 selectable flash patterns



③ MicroPulse 6



④ MicroPulse Wide Angle



⑤ In-Line Corner LED



① MicroPulse Ultra

Interior and Exterior Mount Warning Lights

MicroPulse Ultra ① Spoiler Bracket

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

CN SignalMaster™ ② ③ Rear Headliner

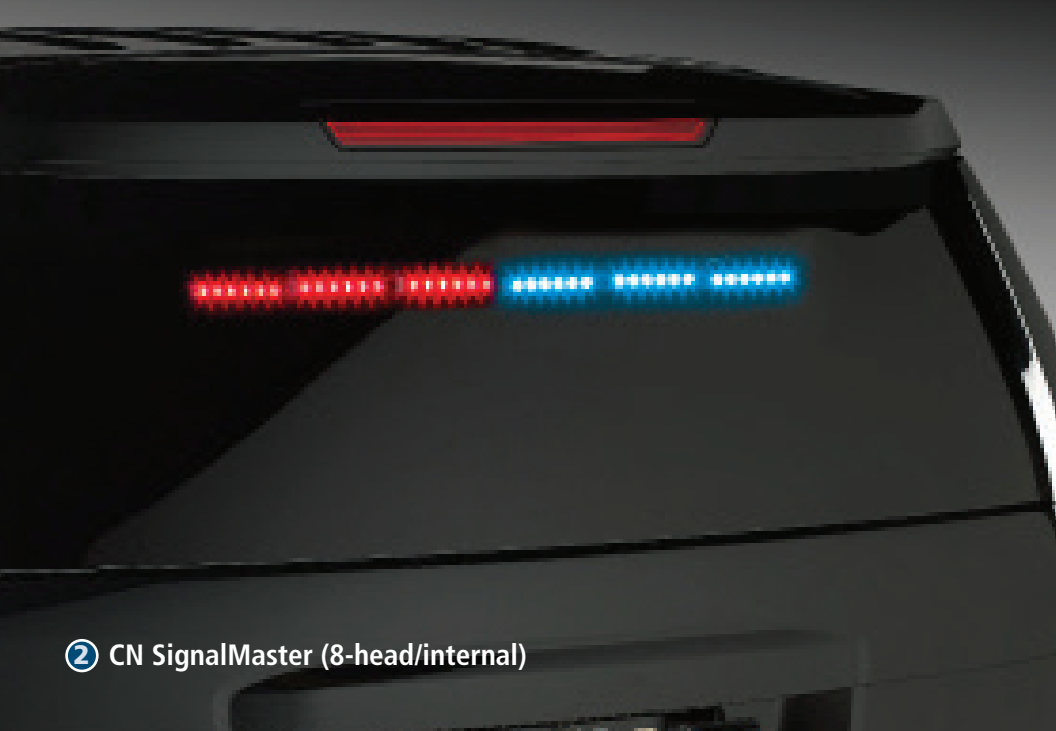
Multi-color warning and directional light available in 4- and 8-head models

Message Board ④ Rear Headliner

Public safety messaging system incorporated LED message display board



④ Message Board



② CN SignalMaster (8-head/internal)



③ CN SignalMaster (8-head/internal)



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

Littlite® ③ Center Console

Flexible gooseneck light will brighten up console and work area

PAR 46 LED Bulb ④ Spotlight

6" Bulb offers a tightly controlled spot beam and screw terminal design



③ Littlite



④ PAR46 LED Bulb



DynaMax / ES100



Rumbler

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

Chevrolet Tahoe

LIGHTBARS	Vision SLR	Valor	Integrity	Legend	LPX
Recommended length for Chevy Tahoe	53"	51"	51"	53"	53"
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.

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.

Chevrolet Tahoe – Brackets

Lightbar Mounts and other Roof-mounts

HKB-TAH15-44	Hook required with Hook-on mount, 44-, 45- and 46-inch lightbars, Chevrolet Tahoe 2015-2017
HKB-LPCHGR11	Hook required with Hook-on mount, 51- and 53-inch lightbars, Chevrolet Tahoe 2015-2017
Z865300732	2-inch riser mount kit for Integrity, Legend or LPX
AELAD-TAH15	AirDek, Chevy Tahoe 2015-2017

Audible Warning Brackets

ESB-TAH15	ES100C speaker bracket (behind grille mount), Chevrolet Tahoe, 2015-2017
ESBL-TAH17ND	"No Drill" bracket kit for mounting ES100C and two LED lights in the grille of Tahoe 2017
ESB-U	ES100C speaker bracket (front wheel well mounting), universal bail bracket
RB-TAH15	Rumbler brackets, Chevy Tahoe 2015-2017
750501-11	Bracket kit for mounting AS124 speaker on 2015-2017 Chevy Tahoe, replaces previous model 750501-06

License Plate Light Bracket

IPX-LPH1	IPX3/IPX6, generic high-side license plate holder with horizontal mount tab on each side
IPX-LPV2	Adjustable license plate bracket kit to mount two LED lights

Push Bumper and Accessories

PBX04	Push Bumper for Chevy Tahoe 2011-2017
PBX-TCP-2	Plain top channel for use with PBX04
PBX-TC2L-2	Top-channel for mounting (2) IPX6 lights on PBX04 bumpers
PBX-TC2L-4	Top channel for mounting (2) MPS600U or MPS620U lights on PBX04 bumpers
PBX-TC4L-2	Top-channel for mounting (4) IPX6 lights on PBX04 bumpers
PBX-TC4L-4	Top channel for mounting (4) MPS600U or MPS620U lights on PBX04 bumpers
PBX-PIT04	PIT bars for use with PBX04
PBXW-TAH15	Wing Wraps for use with Chevy Tahoe 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, only works with non-HID headlights
FHL-TAIL	Flasher, Taillight, universal applications, 18" wire leads
416900 and 416910	Corner LEDs with in-line flasher

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
350701-02	Viper S2 bracket, rear view mirror/headliner/single, Chevrolet Tahoe 2010-2017
350701-03	Viper S2 bracket, rear view mirror/headliner/dual, Chevrolet Tahoe 2010-2017

Chevrolet Tahoe – Brackets

Rear Interior	
SLB-001	Can be used to mount 8-head CN SignalMaster or Latitude in Tahoe rear headliner
SLB-002	Can be used to mount 4-head CN SignalMaster or Latitude across the top of Rear Side Cargo Windows
MBK02	Kit for mounting MB1 message board in rear interior of Chevy Tahoe 2015-2017
SpectraLux Viper S2	Can be mounted in Rear Side Cargo Windows and interior Rear Headliner
Bottom of Rear Hatch	
MicroPulse Ultra	MPS300U, MPS600U, and MPS620U lights will fit in this location on Chevy Tahoe
Rear Side Windows	
IPX-SW1	IPX3, pair of rear side window mount brackets, each bracket holds (1) light
IPX-RSW3	IPX3/IPX6, pair of rear side window mount brackets
VPX-SW	IPX6, pair of rear side window brackets, each bracket holds (2) lights with cover
Grille Light Bracket	
IPX-GRL7	IPX3/IPX6/MPS3/MPS6, pair of grille brackets with hardware, horizontal mount orientation
Spoiler Bracket	
MPSM6-TA15RS	Rear spoiler bracket kit, holds six MPS6 or MPS6Ultra, (3) lights on each side of spoiler
Side Mirrors	
MPSMW9-TAH15MIR	Pair of side mirror brackets for 2015-2017 Chevrolet Tahoe, each bracket holds a single MPSW9 light
Prisoner Transport	
PTPSS04	Polymer Seat, OS Belts, Rear Steel Partition, Chevy Tahoe 2015-2017
PTPSPC04	Polymer Seat, OS Belts, Rear Polymer Partition, Chevy Tahoe 2015-2017
PTEC04	Electronics Fold Down Cover, Chevy Tahoe 2015-2017
PTDP04	Door Panels, Chevy Tahoe 2015-2017
PTWGS04	Window Guards, Steel, Chevy Tahoe 2015-2017
PTWGPC04	Window Guards, Polymer, Chevy Tahoe 2015-2017
PTFP04	Floor Pan, Chevy Tahoe 2015-2017
Visor Light	
2025545	FSX visor light, (12) Blue LEDs with "Police" sign, cigarette plug, 12-24 V

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