



DODGE RAM 1500

Federal Signal Lights and Accessories Guide



Federal Signal is The Driving Force™ behind the technology that provides safe and reliable emergency warning for municipal, utility, tow and recovery and DOT vehicles. It is our commitment to engineer the most reliable and high-performing products for your work trucks.

Lightbars

HighLighter™ LED

Low-profile, mini-lightbar with Solaris® LED reflector technology for a true 360-degree light output

Legend®

Traditional low-profile, linear lightbar built with the latest lighting technology available in 24", 45", 53", 61" and 70" lengths

Navigator®

Linear, high-profile lightbar with SLR (Solaris® LED Rotator) technology available in 10", 18", 25", 45", 53", 60", 73" and 87" lengths

Integrity®

Modern low-profile, linear lightbar with SpectraLux® multi-color LED technology available in 44" and 51" lengths

HighLighter LED



Legend



Navigator



Integrity



1 416900/416910
Dual-Color Corner LED



Exterior Mount/ Perimeter Lights

416900/416910 Dual-Color Corner LED **1** Taillight **2** Foglight

Single-head Corner LED with in-line flasher suitable for internal or external application
Single and dual-color models are available



2 416900/416910
Dual-Color Corner LED



Exterior Mount/ Perimeter Lights

MicroPulse™ Ultra 3 Inside Door 4 Side Mirror 5 Running Board 6 Tailgate

Available as (3), (6) or (12) LED models in single or split-color combinations



① MicroPulse Ultra Dual 6

Exterior Mount/ Perimeter Lights

MicroPulse™ Ultra Dual 6

① Under Tailgate

② Push Bumper

Low-profile lighthouse that can flash as a solid or dual-color

MicroPulse™ Wide Angle

③ Headache Rack

④ Under Side Mirror

(9) powerful LEDs providing a 180-degree light spread



② MicroPulse Ultra Dual 6



3 MicroPulse Wide Angle



4 MicroPulse Wide Angle

Exterior Mount/ Perimeter Lights

MicroPulse™ Bezel Options 5 White 6 Chrome 7 Black

Bezel options shown on MicroPulse Ultra 6



5



6



7

Interior Mount Warning Lights

SpectraLux Low Profile ILS ① Windshield

Low profile internal lighting system available in single, dual or three-color lightheads



① SpectraLux Low Profile ILS

Directional Warning

Latitude™ SignalMaster™ ② Headache Rack

Left, Right and Center-out directional light available in 6- or 8-head models



② Latitude SignalMaster

③ HRX Series Headache Rack

④ Mesh Screen

5 Message Board



6 PBX Series Push Bumper



Accessories

HRX Series Headache Rack 3

Added protection for cab and truck's rear window

Mesh Screen 4

Screen option for added protection

Message Board 5

Public safety messaging system

PBX Series Push Bumper 6

Push Bumper for Dodge Ram



① Commander Series Work Lights

Area Lighting

② Commander Series Work Lights

Commander™ Series Work Lights

- ① Push Bumper ② Headache Rack

High-powered LED work lights available in 750 or 1200 lumens



Mobile Camera Systems

Camera Systems

High-resolution, color Sony® CCD cameras available in 5.6" or 7.0" monitors



CAMSET56-NTSC-2



CAMSET70-NTSC4B

Backup Alarms



Evacuator



2012 Series

Evacuator®

Wide range of decibel levels and operating voltages are offered for enhanced application flexibility

2012 Series

Available in 87 dB(A), 97 dB(A) and 102 dB(A) models with wires or stud terminals

Beacons

Firebolt® LED

Polycarbonate base beacon available in permanent and magnet mount models
Class 2 and 3 options available

Pulsator® LED

Polycarbonate base beacon available in permanent, magnet and suction-cup magnet mount models, Class 1 and Class 2 options available

UltraStar® LED

Aluminum die-cast base beacon available in permanent and magnet mount models
Class 1 option available

SLR

Rotating LED beacon with (12) high-powered LEDs. Class 1 and 2 options available



Firebolt LED

Pulsator LED

UltraStar LED

SLR

Dodge Ram 1500 Lightbar Matrix

	Legend® LPXH Tow Discrete	Legend® LPX Discrete	Legend® LPX	Legend®	Navigator® Discrete	Navigator® Serial	Integrity™	Valor®
Technology								
SpectraLux® Multicolor LED					•	•	•	•
Solaris®	•	•	•	•	•	•	•	•
SLR					•	•		
ROC (Reliable Onboard Circuitry™)	•	•	•	•	•	•	•	•
Convergence Network			•	•		•	•	•
Traditional Cable	•	•			•			
Features								
SignalMaster™ Capability			•	•	•***	•	•	•
Low Power/Dimming			•	•	•	•	•	•
Front/Rear Control	•	•	•	•	•	•	•	•
Online Configurator		•	•	•	•	•	•	•
Length - Wing Light								
10"					•			
12"				•**				
18"					•			
24"		•		•				
25"					•			
Length - Fullsize								
44"							•	•
45"					•	•		
51"							•	•
53"	•	•	•	•	•	•		
60"					•	•		
61"	•	•	•	•				
70"		•	•	•				
73"					•			
87"					•			
Approvals								
SAE Class 1	•	•	•	•	•	•	•	•
CAC Title 13				•	•	•	•	•
Options								
LED Takedowns		•	•	•	•	•	•	•
LED Alley Lights		•	•	•	•	•	•	•
LED Work Lights	•	•	•	•	•	•	•	•
Flood Lighting					•	•	•	•
LED S/T/T	•	•	•	•	•	•	•	•
Wireless Controller Option			•	•	•*	•	•	•

*Convergence Network Models **12" Legend Sets are Traditional Cable *** 45", 53" and 60" lengths only



Exterior Mount/Perimeter Lights

Application	Model	Description
Taillight/Fog Light	416900-XX	Dual-color corner LED with in-line flasher; -AW (Amber/White), -BA (Blue/Amber), -BW (Blue/White), -RA (Red/Amber), -RB (Red/Blue), -RW (Red/White)
Inside Door	MPS300U-X	3-LED lighthouse; -A (Amber), -B (Blue), -R (Red), -W (White)
Side Mirror/Running Board	MPS600U-XX	6-LED lighthouse; -AA (Amber/Amber), -BB (Blue/Blue), -BR (Blue/Red), -RR (Red/Red) -RW (Red/White), -WA (White/Amber), -WW (White/White)
Tailgate	MPS1200U-XX	12-LED lighthouse; -AA (Amber/Amber), -BB (Blue/Blue), -RR (Red/Red), BR (Blue/Red), -BW (Blue/White), RW (Red/White), -RA (Red/Amber), -BA (Blue/Amber), -WA (White/Amber)
Push Bumper/Under Tailgate	MPS620U-XX	12-LED lighthouse; -BA (Blue/Amber), -BR (Blue/Red), -BW (Blue/White), -RA (Red/Amber), -RW (Red/White), -WA (White/Amber)
Headache Rack/Under Side Mirror	MPSW9-X	9-LED lighthouse; -A (Amber), -B (Blue), -R (Red), -W (White)

MicroPulse Optional Bezels

Model	Description
MPSUM6-1	Chrome bezel for (1) MicroPulse Ultra 6 or (1) MicroPulse Ultra Dual 6
MPSUM6-2	White bezel for (1) MicroPulse Ultra 6 or (1) MicroPulse Ultra Dual 6
MPSUM12-1	Chrome bezel for (1) MicroPulse Ultra 12 or (1) MicroPulse Ultra Dual 12
MPSUM12-2	White bezel for (1) MicroPulse Ultra 12 or (1) MicroPulse Ultra Dual 12
MPSUM3-1	Chrome bezel for (1) MicroPulse Ultra 3
MPSUM3-2	White bezel for (1) MicroPulse Ultra 3
MPSMW9-1	Chrome bezel for (1) MPSW9

Directional Lighting

Application	Model	Description
Headache Rack	SL8S-A	(8) Amber LED reflectors, SignalMaster controller, 31.6"

Interior Mounting Warning Light

Application	Model	Description
Windshield	SIFZS-AMBR2DR	Split front headliner, Amber/White, discrete cable, Dodge Ram 2016+

Area Lighting

Application	Model	Description
Push Bumper	COM1200-SQ	1200 Lumen, Square
Headache Rack	COM750-RND	750 Lumen, Round

Dodge Ram 1500 Product Index

Accessories

Application	Model	Description
Headache Rack	MB1-X	Public safety messaging system with Amber LED message display and controller, 12 VDC; -G(Green)
Headache Rack	HRX01	Universal headache rack with channel for Latitude
Headache Rack	HRX-MESH	Mesh screen for headache Rack (HRX01)
Push Bumper	PBX08	Push Bumper for Dodge Ram 1500, 2013+
Push Bumper	PBX-TC4L-4	Four-light top channel for Dodge Ram 1500 bumper, use with four MPS600, MPS600U, or MPS620U lights
Push Bumper	PBXW-RAM13	Dodge Ram Wing Wrap, 2013+

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.



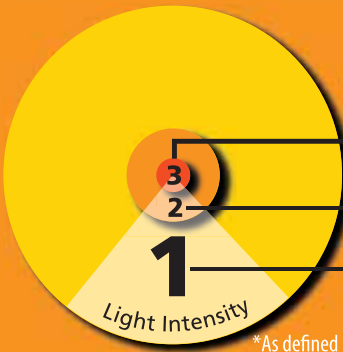
FS CONVERGENCE NETWORK provides “plug-n-play” installation from Federal Signal’s SmartSiren® Platinum, amplifier and controller, to our family of serial communication lightbars and SpectraLux ILS Interior Lighting System.



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.

Work Zone defense

Safety signaling solutions from Federal Signal



SAE Warning Light Classification*

- 3** Identification
10% of Class 1 light intensity
- 2** Blocking / Side of Road
25% of Class 1 light intensity
- 1** Responding / Calling for Right-of-Way

*As defined by the Society of Automotive Engineers (SAE) for vehicular warning.



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