

Federal Signal is the driving force behind the technology that provides safe and reliable emergency warning for first responders. It is our commitment to engineer the most reliable and high-performing products for your work truck.

Exclusive to Federal Signal, these innovative technologies help provide work zone safety.



Ask your local FS Representative how you can experience the latest Federal Signal products.

TECHNOLOGY



SPECTRALUX® multicolor LED technology provides the ability for a LED light head to change color while in operation.



SOLARIS® LED reflector technology is engineered to increase off-axis warning and maximize the LED light source.



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



FS CONVERGENCE NETWORK provides plug-and-play installation and programming.



ROC (RELIABLE ONBOARD CIRCUITRY™) technology eliminates approximately 85% of the connection failure points found in a typical light bar.



FSLINK™ is a built-in software technology that allows our products to synchronize their flash patterns for a unified vehicle warning solution.



FSJOIN™ is a programming compatibility feature of Federal Signal's light bars, exterior/interior warning lights, sirens, and controllers. This technology provides users with a highly customizable visual/audible vehicle warning system.



V-SHAPE® light bar is mechanically designed to have a non-linear shape (V-Shape), providing an advantage in terms of off-axis warning performance compared to light bars with a traditional linear shape.

California TITLE 13



Approved LED Products



What is California Title 13?

California Title 13 is a regulation set forth by the California Code of Regulations for vehicle warning. The regulation categorizes and sets standards of lighting intensity that warning lamps should meet to promote safety of workers and citizens. Though the standards are similar to ones set by SAE (Society of Automotive Engineers), California Title 13 is specific to California highways.

How are Federal Signal's products certified with California Title 13 Approvals?

All of Federal Signal's California Title 13 products are tested in an AMECA (Automotive Manufacturers Equipment Compliance Agency) Accredited laboratory. As an added effort, many products have also been tested at a third party AMECA Accredited laboratory to ensure an unbiased test report approval. These test report summary results can be found on Federal Signal's website on specific product pages — visit www.fedsig.com

TITLE 13



For more information on Federal Signal's California Title 13 Approved Products, contact your local representative or Federal Signal's Inside Sales Team at **800-824-0254**

Detailed product information can also be found at www.fedsig.com

PERIMETER LIGHTS

QuadraFlare®

- Exterior warning light available in four sizes
- Single- and split-color models
- (26) flash patterns and up to (4) flashing modes
- 12 Vdc
- Black or Chrome bezel optional



FireRay®

- Surface mount, warning light available in four sizes
- Single-, dual-, and split-color models
- (13) flash patterns and up to (4) flashing modes
- 12 Vdc
- Black or Chrome bezel optional



PERIMETER LIGHTS

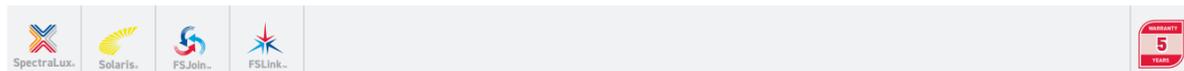
LIGHT BARS

XStream®

- Versatile, low-profile interior mount, warning light
- Single-, dual-, or tri-color capability
- Single- or dual-head models
- (25) flash patterns and (10) color modes
- 12 Vdc



- Versatile mounting hardware included for dash/deck, headliner, and window mount applications

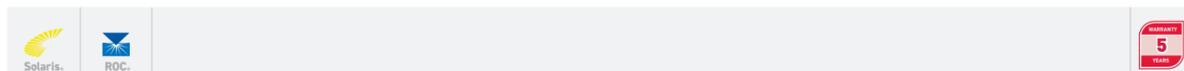


Latitude™

- Low-profile flashing warning stick light
- Single-color models
- 4-, 6-, or 8-head models



- (10) flash patterns; does not include directional signals
- 12 Vdc
- Wide range of external and internal mounting applications

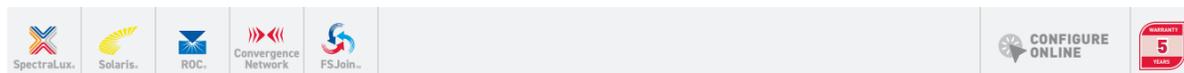


SpectraLux® ILS

- Slim interior light available as center-focused and advanced off-axis
- Single-, dual-, or tri-color capability
- Split-front, passenger front, rear hatch, rear deck, and rear window models



- (26) flash patterns
- 12 Vdc
- Shrouds and mounting kits available for a variety of vehicles

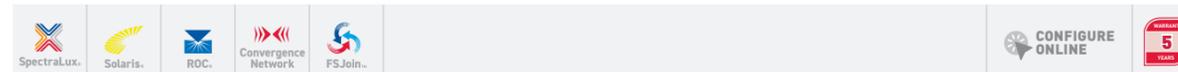


Allegiant®

- Low-profile, linear light bar
- Available in 45", 53", 61", 70", 80", and 94" lengths
- Single- and dual-color capability
- Built-in SignalMaster™ directional warning in select models



- Low-power mode
- (28) flash patterns
- 12 or 24 Vdc
- Easy service while installed on the roof top

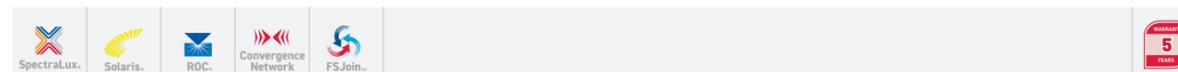


Reliant™ S2

- Ultra low-profile, linear light bar
- Available in 48" length
- Single-, dual-, and tri-color capability
- Built-in SignalMaster™ directional warning



- Low-power mode
- (28) flash patterns
- 12 Vdc

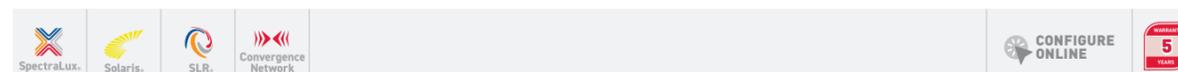


Navigator®

- High-profile, linear light bar
- Available in 10", 18", 25", 45", 53", 60", 73", and 87" lengths
- Single- and dual-color capability
- SignalMaster™ directional warning available in select models



- Low-power mode
- (30) flash patterns
- 12 Vdc

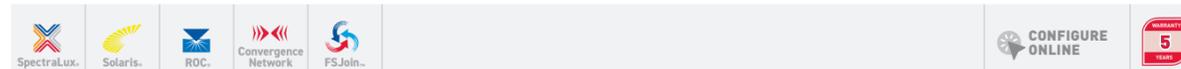


LIGHT BARS

Integrity®



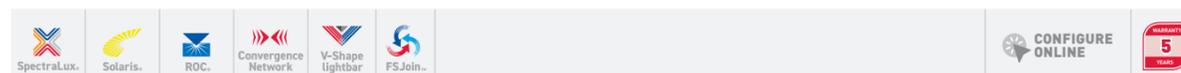
- Unique low-profile, linear light bar
- Available in 44" and 51" lengths
- Single-, dual-, and tri-color capability
- Built-in SignalMaster™ directional warning
- Low-power mode
- (28) flash patterns
- 12 Vdc
- Easy service while installed on the roof top



Valor®



- Unique low-profile, non-linear, V-shape light bar
- Available in 44" and 51" lengths
- Single-, dual-, and tri-color capability
- Built-in SignalMaster™ directional warning
- Low-power mode
- (28) flash patterns
- 12 Vdc
- Easy service while installed on the roof top

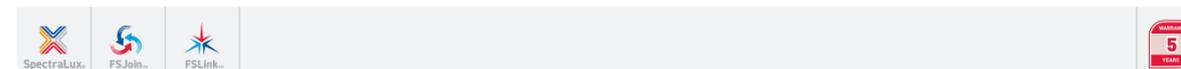


PERIMETER LIGHTS

MicroPulse® Ultra



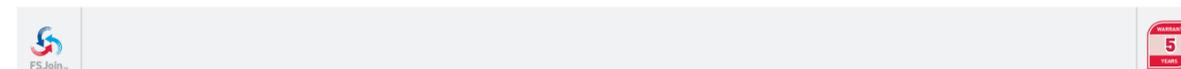
- Ultra low-profile perimeter light available in three sizes
- Single-, dual-, and tri-color models
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Wide range of external and internal mounting applications
- Black bezel standard; Chrome or White bezel optional



MicroPulse® Wide Angle 9



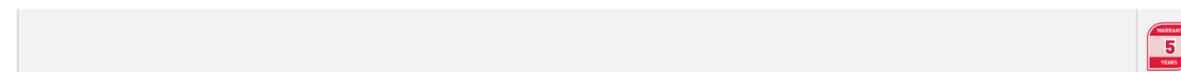
- 180-degree wide angle perimeter light
- Single- and tri-color models
- (12) single-color or (20) tri-color flash pattern
- Multi-voltage, 12/24 Vdc
- A curved shape and powerful LEDs provide an impressive off-axis light spread
- Wide range of external mounting applications
- Black bezel standard; Chrome or White bezel optional



MicroPulse® C Series



- Low-profile perimeter light
- Single- and dual-color models
- (27) single-color or (18) dual-color flash patterns
- 12 Vdc
- Exterior mount on grille, rub rails, or other vertical surfaces
- Black surface mount bezel and stud mount standard



SIGNALMASTER™



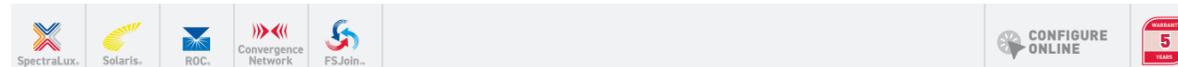
8200S SignalMaster™

- Directional warning stick or arrow light
- Available in 31", 42", and 51" lengths
- Single-color models
- Stick light models available in (6) and (8) light head versions; Arrow light models available in (10) or (16) light head versions
- Left, right, and center-out directional signals; (14) flash patterns
- Low-power mode
- 12 Vdc
- Discrete extension cable or eight-button controller required, purchased separately



CN SignalMaster™

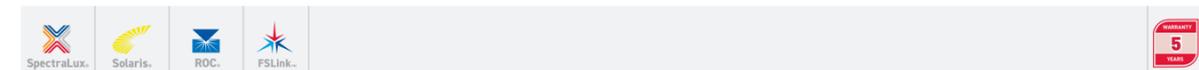
- Directional warning light with flood light capability
- Available in 16" and 31" lengths
- Single-, dual-, and tri-color capability
- 4- and 8-head, and split 8-head models
- Left, right, and center-out directional signals; (28) flash patterns
- 12 Vdc
- Wide range of external and internal mounting applications



MINI-LIGHT BARS

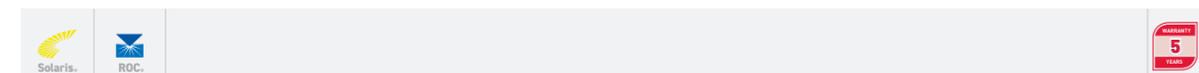
HighLighter® Elite

- Low-profile 15" mini-light bar
- Single-, split-, and dual-color models
- Unique edge cruise lighting available in dual-color models
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Permanent, suction-cup, and magnet mounting options



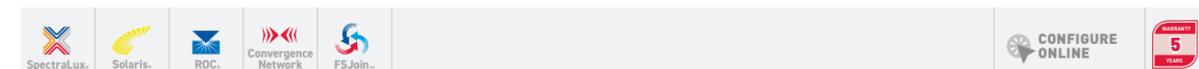
HighLighter® Micro

- Low-profile, 10" mini-light bar
- Single- and split-color models
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Permanent, suction-cup, and magnet mounting options



21" Allegiant®

- Low-profile, 21" mini-light bar
- Single- and dual-color capability
- Low-power mode
- (28) flash patterns
- 12 Vdc
- Flat, low-profile permanent, magnet, and 4" riser mounting options

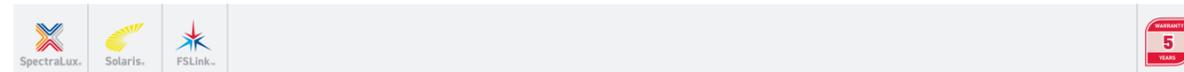


BEACONS

SIGNALMASTER™

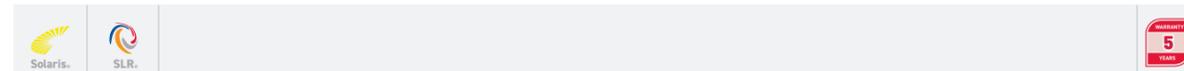
Pro LED Beacon

- Versatile warning beacon for a variety of applications
- Short and tall domes available
- Single- and dual-color models
- (25) flash patterns
- Multi-voltage, 12/24 Vdc
- Built-in permanent/1" pipe mount aluminum die-cast base



SLR Beacon

- Unique beacon with rotating LED reflector
- Single-color models
- (3) rotating speeds: 75/90/120 RPM
- Multi-voltage, 12/24 Vdc
- Built-in permanent/1" pipe mount aluminum die-cast base

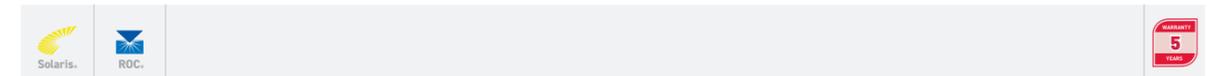


Latitude™ SignalMaster™

- Directional warning stick light
- Available in 24", 32", and 48" lengths
- Single-color models
- 6- or 8-head models
- Left, right, and center-out directional signals; (1) flash pattern
- 12 Vdc



- SignalMaster™ economy controller included
- Wide range of external and internal mounting applications



MicroPulse® SignalMaster™

- Directional warning stick light
- Available in 20", 23", 30", 32", 36", 42", 44", 51", 65", and 84" lengths
- Single-color models
- 4-, 6-, and 8-head models
- Left, right, center-out directional signals
- SignalMaster™ controller required; purchased separately
- Controller features multiple user-selected warning patterns: (16) Full-featured controller model 331105-SB or (10) Basic controller model 330104-SB
- 12 Vdc

