



THE BRIGHTEST IDEAS IN **LED SIGNALING** FOR WORK ZONE DEFENSE.

# LED

# LEDs outshine, outlast, and outperform traditional halogen

Brighter, more noticeable Federal Signal LEDs use 40% of their supplied energy to produce light, versus only 50,000 hours — as opposed to just 2,000 for incandescent. And they're efficient too, requiring far less pull

## HighLighter™ LED

---

- Solaris® LED reflector technology
- ROC (Reliable Onboard Circuitry™) technology
- Class 1 & CAC Title 13 approved models
- Five-year LED warranty



## Pulsator® LED

---

- Built-in permanent/1-inch pipe mount polycarbonate base
- Magnet and suction cup mount models available
- Class 1 (212650), Class 2 (212660, 212670)
- Five-year LED warranty



## UltraStar® LED

---

- Built-in permanent/1-inch pipe mount die-cast aluminum base
- Longer dwell time to enhance visibility at a distance
- Class 1
- Five-year LED warranty



## Firebolt® LED

---

- Built-in permanent/1/2-inch pipe mount polycarbonate base
- Magnet mount with cigarette plug models available
- Class 2
- Five-year LED warranty



## Model 651 LED

---

- Low open-style, aluminum base beacon
- 12-24 VDC
- Class 2
- Five-year LED warranty



en bulbs.

8% used by quartz halogen bulbs. They also outlast traditional bulbs, with a typical life of on a vehicle's electrical system than a traditional halogen beacon.

## Latitude™ SignalMaster™

- Solaris® LED reflector technology
- Includes left, right and center-out warning signals
- Class 1 & CAC Title 13 approved models
- Five-year LED warranty



## MicroPulse™ 3, MicroPulse™ 6 and MicroPulse™ 12

- Low-profile design offers wider range of mounting locations
- 12-24 VDC
- Class 1 & 2 models available
- Three-year LED warranty



## IMPAXX® 3 and IMPAXX® 6

- Solaris® LED reflector technology
- SpectraLux® multicolor LED technology (IPX6)
- Wide angle lens for better off-axis warning
- Class 1 & 2 models available
- Five-year LED warranty



## Viper® EXT

- Solaris® LED reflector technology
- Wide angle lens for better off-axis warning
- Class 1 & CAC Title 13 models available
- Five-year LED warranty

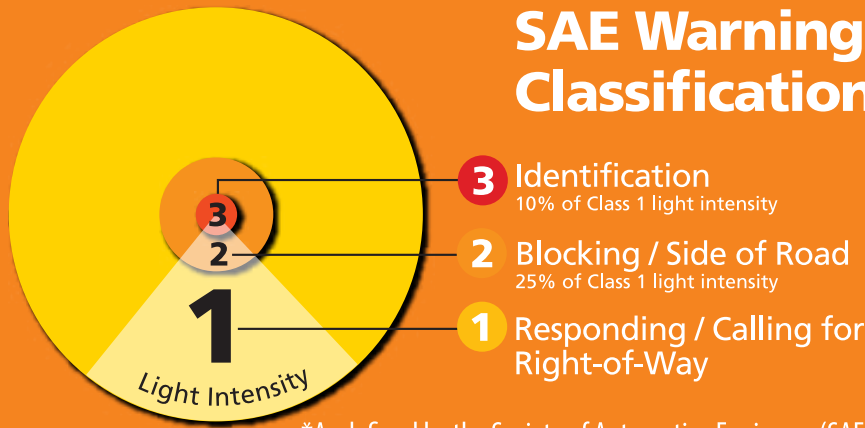


## QuadraFlare® 7x3 and QuadraFlare® 6x4

- Solaris® LED reflector technology
- Split and solid color models available
- Class 1
- Five-year LED warranty



# SAE Warning Light Classification\*



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

## 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. The SLR rotates the Solaris LED reflector providing superior LED warning light output.



**ROC (Reliable Onboard Circuitry™)** technology eliminates approximately 85% of 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 work trucks.



## FEDERAL SIGNAL

2645 Federal Signal Drive, University Park, IL 60484-3167  
Tel.: (800) 264-3578 • Fax: (800) 682-8022  
amberorders@fedsig.com  
www.fedsig.com