FEDERAL SIGNAL

IVP SLR

Beacon



VSLR1-R1



VSLR1-R1-M6RBA

FEATURES

- Rotating beacon design complementing the Vision® SLR family of light bars
- Single-color rotating or oscillating models with optional tri-color MicroPulse Ultra or MicroPulse Wide Angle Pro
- Multi-voltage, 12/24 Vdc
- Five-year warranty

APPROVAL

- SAE J845 Class 1
- CCR Title 13
- NFPA 1900

FS TECHNOLOGIES

Solaris® SLR®

The Federal Signal IVP SLR beacon combines the commanding presence of a traditional rotator with the efficiency and reliability of advanced LED technology, helping first responders deliver Safety in this Moment on every call. Built for the demands of Fire/EMS service, the IVP SLR is engineered for long-lasting durability in harsh environments and continuous operation.

Powered by the patented Solaris® LED Rotator (SLR), the IVP SLR produces intense, sweeping beams of light in a full 360-degree pattern, delivering superior intersection-clearing performance and enhanced visibility over conventional flashing beacons. This dynamic illumination ensures the warning signal is seen from all angles, improving safety for crews and the communities they serve when every second matters.

To meet a range of operational needs, the IVP SLR is available in multiple configurations designed to complement Federal Signal's Vision® SLR light bars: a rotator-only model; rotator paired with MicroPulse® Ultra or MicroPulse Wide Angle Pro modules; and oscillating models paired with either MicroPulse Ultra or MicroPulse Wide Angle Pro. Models featuring MicroPulse Ultra or MicroPulse Wide Angle Pro provide enhanced tri-color warning capability with independent color control. The Red wire will flash Red, the White wire will flash Blue, and the Brown wire will flash Amber. The MicroPulse Wide Angle Pro models also feature integrated down lighting for added functionality.

For NFPA 1900 compliance requirements in Upper Zone C, the following popular models are compliant:

Rotating Models with MicroPulse Ultra 6
- (2) VSLR1-R2-M6RBA
- (1) VSLR1-A1-M6RBA & (1) VSLR1-R1-M6RBA
- (1) VSLR1-A2-M6RBA & (1) VSLR1-R2-M6RBA

Rotating Models with MicroPulse Wide Angle Pro
- (2) VSLR1-R2-WRBA
- (1) VSLR1-A1-WRBA & (1) VSLR1-R1-WRBA
- (1) VSLR1-A2-WRBA & (1) VSLR1-R2-WRBA

Rotating Models
- (2) VSLR1-A1
- (2) VSLR1-A2
- (1) VSLR1-A2 & (1) VSLR1-R2

For compete NFPA 1900 Upper Zone C compliance details, please refer to the compliance chart.

ASSEMBLED IN THE USA

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HOW TO ORDER

LED Colors: A R B

Dome Colors: A B C R

ROTATING MODELS	
VSLR1-A1	Amber LEDs, Amber dome
VSLR1-A2	Amber LEDs, Clear dome
VSLR1-B1	Blue LEDs, Blue dome
VSLR1-B2	Blue LEDs, Clear dome
VSLR1-R1	Red LEDs, Red dome
VSLR1-R2	Red LEDs, Clear dome
MODELS WITH MICROPULSE® ULTRA 6	
VSLR1-A1-M6RBA	Amber LEDs, Amber dome, Red/Blue/Amber MPS6U
VSLR1-A2-M6RBA	Amber LEDs, Clear dome, Red/Blue/Amber MPS6U
VSLR1-B1-M6RBA	Blue LEDs, Blue dome, Red/Blue/Amber MPS6U
VSLR1-R1-M6RBA	Red LEDs, Red dome, Red/Blue/Amber MPS6U
VSLR1-R2-M6RBA	Red LEDs, Clear dome, Red/Blue/Amber MPS6U
MODELS WITH MICROPULSE WIDE ANGLE PRO	
VSLR1-A1-WRBA	Amber LEDs, Amber dome, Red/Blue/Amber MPSWP
VSLR1-A2-WRBA	Amber LEDs, Clear dome, Red/Blue/Amber MPSWP
VSLR1-B1-WRBA	Blue LEDs, Blue dome, Red/Blue/Amber MPSWP
VSLR1-R1-WRBA	Red LEDs, Red dome, Red/Blue/Amber MPSWP
VSLR1-R2-WRBA	Red LEDs, Clear dome, Red/Blue/Amber MPSWP
OSCILLATING MODELS	
MODELS WITH MICROPULSE ULTRA 6	
VSLR1D-A2-M6RBA	Amber LEDs, Clear dome, Red/Blue/Amber MPS6U, driver side
VSLR1P-A2-M6RBA	Amber LEDs, Clear dome, Red/Blue/Amber MPS6U, passenger side
MODELS WITH MICROPULSE WIDE ANGLE PRO	
VSLR1D-A2-WRBA	Amber LEDs, Clear dome, Red/Blue/Amber MPSWP, driver side
VSLR1P-A2-WRBA	Amber LEDs, Clear dome, Red/Blue/Amber MPSWP, passenger side

SPECIFICATIONS

	VSLR1	VSLR1 w/MPS
VOLTAGE	12/24 Vdc	
OPERATING TEMP	-22° to +149° F (-30° to +65° C)	
PHYSICAL SPECIFICATIONS		
LENGTH	7.3 in (18.5 cm)	
DIAMETER	10.0 in (25.4 cm)	10.3 in (26.1 cm)
HEIGHT	4.5 in (11.4 cm)	5.0 in (12.7 cm)
SHIP WEIGHT		
	5.5 lb (2.5 kg)	6.0 lb (2.7 kg)



VSLR1-R1-WRBA



VSLR1-A1-M6RBA



VSLR1D-A2-M6RBA
VSLR1P-A2-M6RBA

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VSLR1 WITH MPSWP COMPLIANCE CHART

Chart indicates Upper Zone C NFPA 1900 compliance based on (2) VSLR1 model combination

VSLR1 MODELS		MPSWP COLOR COMBINATION		NFPA 1900 COMPLIANT
VSLR1-A1-WRBA	VSLR1-A1-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A1-WRBA	VSLR1-A2-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A1-WRBA	VSLR1-B1-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	*
VSLR1-A1-WRBA	VSLR1-R1-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A1-WRBA	VSLR1-R2-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A2-WRBA	VSLR1-A2-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A2-WRBA	VSLR1-B1-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A2-WRBA	VSLR1-R1-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y

VSLR1 MODELS		MPSWP COLOR COMBINATION		NFPA 1900 COMPLIANT
VSLR1-A2-WRBA	VSLR1-R2-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-B1-WRBA	VSLR1-B1-WRBA	Amber	Amber	*
		Amber	Red	*
		Amber	Blue	*
		Red	Red	*
		Red	Blue	*
		Blue	Blue	*
VSLR1-B1-WRBA	VSLR1-R1-WRBA	Amber	Amber	*
		Amber	Red	*
		Amber	Blue	*
		Red	Red	*
		Red	Blue	*
		Blue	Blue	*
VSLR1-B1-WRBA	VSLR1-R2-WRBA	Amber	Amber	*
		Amber	Red	*
		Amber	Blue	*
		Red	Red	*
		Red	Blue	*
		Blue	Blue	*
VSLR1-R1-WRBA	VSLR1-R1-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	*
		Red	Red	*
		Red	Blue	*
		Blue	Blue	*
VSLR1-R1-WRBA	VSLR1-R2-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	*
		Blue	Blue	*
VSLR1-R2-WRBA	VSLR1-R2-WRBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y

Contact your Federal Signal sales rep for questions regarding NFPA 1900 compliance requirements.

** Needs additional products to meet Upper Zone C requirements*

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VSLR1 WITH MPS6U COMPLIANCE CHART

Chart indicates Upper Zone C NFPA 1900 compliance based on (2) VSLR1 model combination

VSLR1 MODELS		MPS6U COLOR COMBINATION		NFPA 1900 COMPLIANT
VSLR1-A1-M6RBA	VSLR1-A1-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A1-M6RBA	VSLR1-A2-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A1-M6RBA	VSLR1-B1-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A1-M6RBA	VSLR1-R1-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A1-M6RBA	VSLR1-R2-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A2-M6RBA	VSLR1-B1-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A2-M6RBA	VSLR1-B1-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y

VSLR1 MODELS		MPS6U COLOR COMBINATION		NFPA 1900 COMPLIANT
VSLR1-A2-M6RBA	VSLR1-R1-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-A2-M6RBA	VSLR1-R2-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-B1-M6RBA	VSLR1-B1-M6RBA	Amber	Amber	*
		Amber	Red	Y
		Amber	Blue	*
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	*
VSLR1-B1-M6RBA	VSLR1-R1-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	*
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	*
VSLR1-B1-M6RBA	VSLR1-R2-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	*
VSLR1-R1-M6RBA	VSLR1-R1-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-R1-M6RBA	VSLR1-R2-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y
VSLR1-R2-M6RBA	VSLR1-R2-M6RBA	Amber	Amber	Y
		Amber	Red	Y
		Amber	Blue	Y
		Red	Red	Y
		Red	Blue	Y
		Blue	Blue	Y

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WARRANTY 5 YEARS

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