

SS-SRK Two-wire, Wall-mount Outdoor Strobe (red)

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Invented for life



- ▶ Plug-in design with tamper-resistant, rainproof (NEMA 3R) construction
- ▶ Field-selectable settings of 15 cd, 15/75 cd, 30 cd, 75 cd, 95 cd, 110 cd, and 115 cd
- ▶ Shorting spring on mounting plate for continuity check before installation
- ▶ Outdoor wall mounting

The SS-SRK Strobe, one of the System Sensor SpectrAlert Advance notification appliances, simplifies installations with features such as plug-in designs, instant feedback messages to ensure correct installation of individual devices, and field-selectable candela settings. This strobe is designed for outdoor wall-mounted applications.

SpectrAlert products can be used in either DC or full-wave rectified (FWR) systems (12 V or 24 V). If required, the SSMDL module can be used to provide synchronization.



Notice

Full-wave Rectified (FWR) voltage is a non-regulated, time-varying power source that is used on some power supply and panel outputs.



Notice

SpectrAlert products set at 15 cd and 15/75 cd automatically work on either 12 V or 24 V power supplies. The products are not listed for 12 V operating voltages when set to any other candela settings.

Functions

Strobe

When wired as a primary-signaling notification appliance, the strobe complies with the Americans with Disabilities Act (ADA) requirements for visible signaling appliances, flashing at 1 Hz over the strobe's entire operating voltage range. The strobe light consists of a xenon flash tube and associated lens and reflector system.

For 24 V applications, the total number of strobes on a single NAC must not exceed 40, with a maximum loop resistance of 120 Ω . For 12 V applications, the total number of strobes must not exceed 12, with a maximum loop resistance of 30 Ω .

Certifications and approvals

System Sensor holds these Listings and Approvals:

Region	Certification	
USA	UL	UVAV: Visual Signal Appliances for Fire Protective Signaling Systems (UL1638)
	FM	SS-SRK
	CSFM	see our website

Installation/configuration notes

Mounting Considerations



Notice

These strobes are for wall mounting only!

For outdoor use, these strobes wall mount on the supplied outdoor back box.

Wiring Considerations

The input terminals on the universal mounting plate accept solid wires between 12 AWG and 18 AWG (ISO 4 mm² and 0.75 mm²).

Parts included

Quant.	Component
1	Strobe
1	Universal mounting plate (MP120K)
1	Outdoor back box (SA-WBB)
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Current Draw, UL maximum at 8 V to 17.5 V

	DC	FWR
15 cd:	123 mA	128 mA RMS
15/75 cd:	142 mA	148 mA RMS

Current Draw, UL maximum at 16 V to 33 V

	DC	FWR
15 cd:	66 mA	71 mA RMS
15/75 cd:	77 mA	81 mA RMS
30 cd:	94 mA	96 mA RMS
75 cd:	158 mA	153 mA RMS
95 cd:	181 mA	176 mA RMS
110 cd:	202 mA	195 mA RMS
115 cd:	210 mA	205 mA RMS

Voltage

Nominal:	Regulated 12 VDC/FWR or Regulated 24 VDC/FWR
Operating Range:	12V nominal: 8 V to 17.5 V or 24 V nominal: 16 V to 33 V

Environmental

Temperature (operating):	-40°F to +151°F (-40°C to +66°C)
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Mechanical

Candela Selections:	15 cd ¹ , 15/75 cd ¹ , 30 cd ² , 75 cd ² , 95 cd ² , 110 cd ² , and 115 cd ²
Dimensions (Height x Width x Depth):	5.6 in × 4.7 in × 2.5 in (142 mm × 119 mm × 64 mm)

¹ When set at these settings, the devices automatically work on both 12 V and 24 V power supplies. The 15/75 cd selection is listed at 15 cd but provides 75 cd on axis.

² The strobe is not listed for 12 V operating voltages when set to these selections. When using a 12 V control panel, this device yields required light output only in the 15 cd and 15/75 cd settings.

Strobe Output (cd)¹

Listed Candela	Candela rating at -40°F (-40°C)
15 cd	Do not use below +32°F (0°C)
15/75 cd	Do not use below +32°F (0°C)
30 cd	Do not use below +32°F (0°C)
75 cd	44 cd
95 cd	70 cd
110 cd	110 cd
115 cd	115 cd

¹ When these strobes are used at low temperatures, listed candela ratings must be reduced in accordance with this table.

Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Ordering information

SS-SRK Two-wire, Wall-mount Outdoor Strobe (red)

Designed for outdoor wall-mounted applications
Order number **SS-SRK**

Accessories

SSMDL Synchronization Module (red)

Red, 24VDC device that can connect to two Style Y (Class B) circuits or one Style Z (Class A) circuit and synchronize System Sensor SpectrAlert horns, strobes, and horn strobes.

Not Available.

Order number **SSMDL**

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