

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

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- ▶ 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  $\Omega$ . For 12 V applications, the total number of strobes must not exceed 12, with a maximum loop resistance of 30  $\Omega$ .

## 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 mm<sup>2</sup> and 0.75 mm<sup>2</sup>).

## 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:	<b>12V nominal:</b> 8 V to 17.5 V or <b>24 V nominal:</b> 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 <sup>1</sup> , 15/75 cd <sup>1</sup> , 30 cd <sup>2</sup> , 75 cd <sup>2</sup> , 95 cd <sup>2</sup> , 110 cd <sup>2</sup> , and 115 cd <sup>2</sup>
Dimensions (Height x Width x Depth):	5.6 in × 4.7 in × 2.5 in (142 mm × 119 mm × 64 mm)

<sup>1</sup> 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.

<sup>2</sup> 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)<sup>1</sup>

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

<sup>1</sup> 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**

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**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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