

RSSWP Weatherproof Strobes

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Invented for life



- ▶ 24 VDC, filtered or FWR
- ▶ Wall or ceiling mount models
- ▶ Synchronize with SM and DSM modules
- ▶ Cost-efficient two-wire operation with low profile design
- ▶ ADA, NFPA, ANSI compliant

The Wheelock RSSWP Weatherproof Strobe family consists of 24 V, two-wire, square strobes for use with a WPSBB-R Weatherproof Back Box in outdoor and extreme environment applications. The series provides wall or ceiling mount models with strobes listed as 75 cd on axis at -31°F (-35°C). Synchronize these strobes with the SM (single) or DSM (dual) modules or a compatible control panel.



Notice

These products are **not** suitable for hearing-impaired outdoor applications.

National Fire Protection Association (NFPA 72)

Occupational Safety and Health Administration (OSHA 29 Part 1910.165)

Region	Certification	
USA	UL	UEES: Visual-signal Appliances (ANSI/UL 1638), UVAV: Visual-signal Appliances for Fire-protective Signaling Systems (ANSI/UL 1638), UUKC: Signaling Appliances and Equipment for the Hearing Impaired (UL1971)
	FM	
	CSFM	7300-0785:0154

Certifications and approvals

Wheelock, Inc. holds these Listings and Approvals that apply to the wall mount models only:

Listings and Approvals: NYC/MEA (151-92-E)

Complies with: Americans with Disabilities Act (ADA)
American National Standards Institute (ANSI 117.1)

Installation/configuration notes

Compatible Products

The following products are compatible with the RSSWP Weatherproof Strobes:

Category	Product ID	Product Description
Control Panels	D7022 ¹	Conventional FACP
	D7024 ²	Addressable FACP

D7024	Conventional FACP
D8024 ¹	Analog FACP
D9124 ¹	Addressable FACP
D10024A ¹	Analog FACP

Modules	SM-12/24-R	Synchronization module (red)
	DSM-12/24-R	Dual synchronization module (red)

¹ For synchronization, use an SM or DSM module with these control panels. The synchronization module must be set for 24 V operation. When used, the D7022 must be set for 24 VDC operation.

² When used with a D7039 Multiplex Expansion Module, the D7024 becomes an addressable fire alarm control panel (FACP).

Mounting Considerations

Outdoor or Severe Environment Applications

For an outdoor or severe environment (NEMA 3R) application, mount the strobe in a WPSBB-R Weatherproof Back Box on a flat wall or ceiling so the entire rear surface of the back box is covered. The drain holes in the back box must point toward the ground. The knockouts on the rear surface of the back box must remain intact.

The knockout hole on top of the back box is sized for a half-inch conduit and matching connector. Use a proper watertight conduit fitting.

Mount these strobes on the indicated back box for the indicated applications:

	Conduit Applications	Surface Mounted	Flush Mounted
WPSBB-R	•	•	

Each device comes supplied with a beauty plate for an attractive finish.

Wiring

Notice

Do not use these units in coded or pulsed signaling circuits.

The input terminals accept wires with diameters between 18 AWG and 12 AWG (ISO 0.75 mm² and 4 mm²).

Parts included

Quant.	Component
1	Strobe
1	Mounting Plate
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Current (maximum RMS)

VDC: 138 mA

V FWR: 222 mA

Voltage (input)

Nominal: 24 VDC

Range: 16.0 to 33.0 VDC or FWR

Environmental

Relative humidity: Up to 95%, non-condensing

Temperature (operating): -31°F to +150°F (-35°C to +66°C)

Mechanical

Dimensions (H x W x D): 4.75 in. x 4.75 in. x 2.6875 in. (12.1 cm x 12.1 cm x 6.8 cm)

Material: Molded plastic enclosure incorporating a Xenon flashtube and Lexan lens.

Candela Ratings (on axis): 75 cd at -31°F (-35°C)
180 cd at +77°F (+25°C)

Trademarks

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

Ordering information

RSSWP-2475W-FR Wall-mount Weatherproof Strobe (red)

Red, 24 VDC, square wall-mount weatherproof strobe providing 75 cd of light output
Order number **RSSWP-2475W-FR**

RSSWPA-2475W-NW Wall-mount Weatherproof Strobe (amber lens)

White with amber lens, 24 VDC, wall-mount weatherproof strobe providing 75 cd of light output
Order number **RSSWPA-2475W-NW**

RSSWP-2475C-FR Ceiling-mount Weatherproof Strobe (red)

Red, 24 VDC, square ceiling-mount weatherproof strobe providing 75 cd of light output
Order number **RSSWP-2475C-FR**

RSSWP-2475C-FW Ceiling-mount Weatherproof Strobe (white)

White, 24 VDC, square ceiling-mount weatherproof strobe providing 75 cd of light output
Order number **RSSWP-2475C-FW**

Accessories

WPSBB-R Weatherproof Back Box (red)

Used to surface mount the RSSWP Series Weatherproof Horn-strobes for outdoor or severe environment applications

Order number **WPSBB-R**

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