RSS Strobes with Colored Lenses

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BOSCH
Invented for life

- Choice of three strobe lens colors with range of intensity options
- Wall or ceiling mount on standard electrical boxes
- Operates from 16 V to 33 V at 1 flash/sec using filtered or full-wave rectified DC voltage
- Synchronize with DSM-12/24-R Synchronization Module

The Wheelock RSS Series Colored-lens Strobes are effective for alerting personnel in industrial, military, or government applications. They are ideal for mass notification systems and for emergency, warning, or trouble notification in many industrial operations. They are not listed for fire alarm use but are built with the same high-quality circuits and parts used in Wheelock's life safety strobes.
They are available in amber, blue, or green lens colors and include multi-candela models with four field-selectable settings, a high-candela (110 cd) model with two field-selectable settings, or a 110 cd high-candela model. They are designed for indoor use and can be either wall or ceiling mounted on standard electrical boxes.

Certifications and approvals

Region	Certification	
USA	UL	UUKC: Signaling Appliances and Equipment for the Hearing Impaired (UL1971)

Installation/configuration notes

Compatible Products
The following products are compatible with the RSS Series Strobes:

Category	Product ID	Product Description
Control Panels	D7024[1]	Addressable FACP
	D7024	Conventional FACP
	D8024[2]	Analog FACP
	D9124[2]	Addressable FACP
	D10024A[2]	Analog FACP
	FPD-7024[1]	Addressable FACP
	FPD-7024	Conventional FACP
	FPA-1000	Analog Addressable FACPs
Modules	SM-12/24-R	Single synchronization module (red)
	DSM-12/24-R	Dual synchronization module (red)

[1] When used with a D7039 Multiplex Expansion Module, the FPD-7024 and D7024 become addressable fire alarm control panels (FACPs).

[2] For synchronization, use the DSM-12/24-R Synchronization Module with these control panels.

Mounting Considerations
Flush-mount these strobes on 4-inch square by 1-1/2-inch deep, single-gang, or double-gang electrical back boxes or surface-mount them on Wheelock's SHBB Back Box.

Wiring

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

The input terminals accept wires with diameters between 18 AWG and 12 AWG (ISO 0.75 mm^2 and 4 mm^2).

Parts included

Quant.	Component
1	Strobe
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Voltage (Input):	24 VDC nominal; 16 VDC or FWR to 33 VDC or FWR
RMS Current (maximum)	
24110W Models:	110 cd: 300 mA RMS maximum
24MCC Models:	15 cd: 65 mA RMS maximum 30 cd: 105 mA RMS maximum 75 cd: 189 mA RMS maximum 95 cd: 249 mA RMS maximum
24MCCH Models:	115 cd: 300 mA RMS maximum 177 cd: 420 mA RMS maximum

Environmental

Relative Humidity:	Up to 95%, non-condensing
Temperature (Operating):	+32°F to +120°F (0°C to +49°C)

Mechanical

Candela Settings:	24110W models: 110 cd 24MCC models[1]: 15 cd, 30 cd, 75 cd, 95 cd 24MCCH models: 115 cd, 177 cd
Dimensions (H x W x D):	4.75 in. x 4.75 in. x 2.5 in (12.1 cm x 12.1 cm x 6.4 cm)
Material:	Molded plastic enclosure incorporating a Xenon flashtube and Lexan lens.

[1] Strobe ratings are for clear lenses; derate the rating by approximately 25% for amber lens, 55% for green lens, and 70% for blue lens.

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

Ordering information

RSSA-24MCC-NW Multi-candela Strobe with Amber Lens
Amber lens strobe with four field-selectable settings (15 cd, 30 cd, 75 cd, or 95 cd)
Order number **RSSA-24MCC-NW**

RSSA-24MCCH-NW Field-Selectable High-Candela Strobe with Amber Lens
Order number **RSSA-24MCCH-NW**

RSSA-24110W-NW High-candela Strobe with Amber Lens
Amber lens strobe (110 cd)
Order number **RSSA-24110W-NW**

RSSB-24110W-NW High-candela Strobe with Blue Lens
Blue lens strobe (110 cd)
Order number **RSSB-24110W-NW**

RSSG-24110W-NW High-candela Strobe with Green Lens
Green lens strobe (110 cd)
Order number **RSSG-24110W-NW**

Accessories

DSM-12/24-R Dual Synchronization Module (red)
A 12/24 VDC Cooper Wheelock module that synchronizes notification appliances on a single Class A or two Class B circuits.
Order number **DSM-12/24-R**

SM-12/24-R Single Synchronization Module (red)
A 12/24 VDC Cooper Wheelock module that synchronizes notification appliances on Class B alarm circuits.
Not Available.
Order number **SM-12/24-R**

SHBB-R Shallow Surface Back Box (red)
12.7 cm (5 in.) square by 4 cm (1.56 in.) deep
Order number **SHBB-R**

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