



SERIES RSSP NON-SYNCHRONIZED/ SYNCHRONIZED STROBE PLATES

Description

Series RSSP Multi-candela Strobe Appliances and Strobe plates offer a field selectable choice of four candela settings including: 15, 30, 75, or 110 CD.

These versatile Strobe Appliances will satisfy virtually all requirements for indoor, wall mount applications.

All models may be synchronized when used in conjunction with the SM, SDM Sync modules or the FF8 power supply. Synchronized strobes can eliminate possible restrictions on the number of strobes in the field of view. These synchronized strobes offer an easy way to comply with ADA requirements concerning photosensitive epilepsy.

The Series RSSP Multi-candela strobe plates are a cost effective way to retrofit required strobe appliances to bells, horns, chimes, multitones or speakers and are easily mounted to standard 4" backboxes or surface mounted with the SBL2-R (71643) backbox.

15/75 candela wall mounted strobes are listed at 15 candela under UL 1971 and meet 75 candela intensity on axis for ADA guidelines with low current draw.



Average Current for Multi-Candela Models

Average Current @ 24VDC			
15CD	30CD	75CD	110CD
.050A	.081A	.133A	.161A

Approvals

Underwriters Laboratories UL 1971, Approved to FCC Part 15, California State Fire Marshal (CSFM), New York City (MEA), European Community (CE), Chicago (BFP) Approved
Designed to meet or exceed NFPA/ANSI Standards and ADA Accessibility Guidelines, Meets OSHA 29, Part 1910.165

Features

- Zero inrush
- Incorporates the RSS Non-Sync/ Sync Strobe(s)
- Synchronization is achieved when used with the SM or DSM Sync Module or FF8 Power Supply. All models meet ADA Guideline for minimum one flash per second from 20-31 VDC (24V models) or 10.5-15.6 VDC (12V models).
- Low current draw with temperature compensation to reduce power consumption and wiring costs. Available in 15, 15/75, 30, 75, and 110cd candela intensity (wall mount).
- Convenient Flush mounting to standard 4" square backbox or Surface Mount with **SBL2 surface backbox**.
- Polarized 24 VDC models with wide listed voltage ranges using filtered DC or unfiltered VRMS input voltage.
- Easy installation with In/Out screw terminals using #12 to #18AWG wires.

Engineer Specifications

The visual notification appliances shall be Series RSSP Multi-Candela Strobe Appliances. The Series RSSP Multi-Candela shall meet and be listed for UL Standard 1971 (Emergency Devices for the Hearing-Impaired) for Indoor Fire Protection Service. The strobe shall be listed for indoor use and shall meet the requirements of FCC Part 15 Class B. The strobe appliances shall produce a flash rate of one (1) flash per second over the Regulated Input Voltage Range of 16 to 33 VDC for 24 VDC models. All inputs shall be compatible with standard reverse polarity supervision of circuit wiring by a Fire Alarm Control Panel (FACP). When Strobe Plates are to be installed, they shall be the Series RSSP Multi-Candela Strobe Plate and shall have the same electronic circuitry as the Series RSSP Multi-Candela. All visual appliances shall incorporate a Xenon flashtube enclosed in a rugged Lexan ® lens. The Series RSSP Multi-Candela strobe shall be of low current design and shall have Zero Inrush. The strobe intensity shall have a minimum of four (4) field selectable strobe settings and shall be rated per UL 1971 for: 15, 30, 75 or 110 candela (wall mount). The switch for selecting the candela setting shall be located on the rear of the appliance in order to prevent tampering from unauthorized persons. The strobe shall be designed for 24 VDC, two-wire operation and, when synchronization is required, shall be compatible with the SM, DSM Sync Modules or FF8 Power Supply with built-in Patented Sync Protocol. The strobes shall not drift out of synchronization at any time during operation. If the sync module or Power Supply fails to operate, (i.e., contacts remain closed), the strobe shall revert to a non-synchronized flash rate. The strobes shall be designed for indoor surface or flush mounting.

The Series RSSP Multi-Candela Strobe Appliances shall incorporate a Patented Strobe Mounting Plate that shall allow mounting to a single-gang, double gang, 4-inch square. An attaching cover plate shall be provided to give the Appliance an attractive appearance. The Appliance shall not have any mounting holes or screw heads visible when the installation is completed.

The Series RSSP Multi-Candela Strobe Plate shall mount to either a standard 4 inch square backbox for flush mounting, or the SBL2 backbox for surface mounting.

All notification appliances shall be backward compatible.

Ordering Information

Part Number

Description

RSSP Series provide Synchronized Strobe with 71548 or 71549 Sync Modules or Gamewell's FF8 NAC Power Supply

72037	Selectable Candela Strobe, Wall Mount, 24VDC, Red on a Plate (RSSP-24MCW-FR)
72038	Selectable Candela Strobe, Wall Mount, 24VDC, White on a Plate (RSSP-24MCW-FW)
71693	15/75CD Strobe, .065 Amp, Wall Mount, 24VDC, Red on a Plate (RSSP-241575W-FR)

Mounting Accessories for RSSP Series

49558	Backbox, Surface Mount, 4" Square x 1-1/2"D, Red (BB-R)
71643	Backbox, Surface Mount, 10-15/16" x 6-7/64" x 1-11/16", Red (SBL2-R)
68593	Backbox, Surface Mount, 4" Square x 2-3/16"D, Red (DBB-R)
71706	Backbox, Surface Mount, 5" Square x 1-9/16" D, Red (SHBB-R)
70418	Backbox, Surface Mount, 5-1/2" x 5-9/16" x 3-9/16", Red (SBB-R)
71318	Retrofit Plate, 8" x 5-7/8" x 13/32", Red (RP-R)

Specifications and wiring information are provided for information only and are believed to be accurate. Gamewell assumes no responsibility for their use. Data and design are subject to change without notice. Installation and wiring instructions shipped with the product shall always be used for actual installation. For more information, contact Gamewell.



The Gamewell Company
60 Pleasant St.
Ashland, MA 01721

Voice (508) 231-1400
888-FIREBOX • (888) 347-3269
FAX (508) 231-0900
www.gamewell.com

Made in the USA

©Gamewell 2002