

SpectrAlert® Dual Strobe Notification Appliances



Models Available

White Housing	Red Housing
DS2475WAR	DS2475RAR

Accessories

White Housing	Red Housing
BBS-DSW	BBS-DSR



Product Overview

tions from one device

Meets unique applications where combinations of amber and red lens colors are required

Strobes may be powered over a two or four wire circuit

75 candela output per UL 1638

Low current draw

Mounts to single gang and four square back boxes

Field-reversible strobes for left- or right-mounting

Multiple labeling options included

System Sensor's SpectrAlert Dual Strobe notification appliance is designed to accommodate unique signaling applications where two stage notification is required.

Flexibility. The SpectrAlert Dual Strobe line incorporates two visible notification appliances, to accommodate those applications where a two stage alarm system or two distinct visible signals are required. Available in white or red housings and a variety of colored lens options, SpectrAlert Dual Strobes allow a user to customize visible notification for both fire and non-fire applications including pre-action alarms, security, tornado alert, evacuation, etc.

Performance. Based upon the principles of the original SpectrAlert wall mount strobes, the Dual Strobe models operate at 24 volts, and provide 75 candela output per UL 1638. The strobes may either be powered in tandem over a two wire circuit or independently over a four wire circuit.

Installation. Like all SpectrAlerts, the Dual Strobes offer installation ease and flexibility. These models are typically mounted to a single gang back box. Using the mounting bracket provided, four square back box mounting is also accommodated.

Customization. SpectrAlert Dual Strobes provide the flexibility to customize the product in the field. If desired, the strobe modules can be field-reversed, for left or right-mounting of each colored strobe. Multiple labeling options are provided, including FIRE, ALERT, EVAC and EVACUATE, to designate the specific function for each strobe.



Engineering Specification

Dual strobe shall be a System Sensor SpectraAlert model _____ listed to UL 1638 for fire protective signaling systems. Strobes shall have an operating temperature between 32°F and 120°F. Strobes shall have the option of being powered over a two or four wire circuit. When powered over two wires, strobes shall be activated by reversing the circuit's polarity. When powered over four wires, the factory installed jumpers must be removed. Strobes shall operate at 24VDC, with a UL range rating of 20 to 30VDC. Actual operating voltage must be between 16 and 33 VDC. Strobes shall be available in a lens color combination of amber and red and shall have a minimum light output of 75 candela. Strobes shall be UL 1638 listed.

Specifications

Input Terminals

12 to 18 AWG

Operating Voltages

24VDC and FWR unfiltered

Operating Temperature Range

32°F - 120°F (0°C - 49°C)

Operating Voltage Range

20-30V

UL tests functional integrity to -20% to +10% of manufacturer's stated ranges

Mounting Options

4" x 4" x 1 1/2" back box,
2" x 4" x 1 7/8" single gang box,
Direct wall mount

Dimensions

5" x 7 1/2" x 2 1/2"
(12.7cm x 19cm x 6.4cm)

Weight

1 1/4 lbs. (0.6kg)

Current Draw Per Strobe

Average Current (mA) 24V Models						Peak Current (mA) 24V Models						In Rush Current (mA) 24V Models					
20V		24V		30V		20V		24V		30V		20V		24V		30V	
DC	FWR	DC	FWR	DC	FWR	DC	FWR	DC	FWR	DC	FWR	DC	FWR	DC	FWR	DC	FWR
169	220	140	191	115	174	460	560	450	570	420	620	190	230	220	290	290	370

SpectraAlert Dual Strobe Ordering Information

White Housing Model	Red Housing Model	Description	Voltage	Candela
DS2475WAR	DS2475RAR	Amber/Red lenses	24	75
BBS-DSW	BBS-DSR	Surface mount back box skirt		

System Sensor Sales and Service

System Sensor Headquarters

3825 Ohio Avenue
St. Charles, IL 60174
Ph: 800/SENSOR2
Fx: 630/377-6495
Documents-on-Demand
800/736-7672 x3
www.systemsensor.com

System Sensor Canada

Ph: 905.812.0767
Fx: 905.812.0771

System Sensor Europe

Ph: 44.1403.276500
Fx: 44.1403.276501

System Sensor in China

Ph: 86.29.524.6253
Fx: 86.29.524.6259

System Sensor in Singapore

Ph: 65.6273.2230
Fx: 65.6273.2610

System Sensor – Far East

Ph: 85.22.191.9003
Fx: 85.22.736.6580

System Sensor – Australia

Ph: 613.54.281.142
Fx: 613.54.281.172

System Sensor – India

Ph: 91.124.637.1770 x.2700
Fx: 91.124.637.3118