

HAZARDOUS LOCATION SERIES

CLASS 1 DIVISION 2 EMERGENCY LIGHT



OVERVIEW

The SVH Class 1 Division 2 Emergency Light is suitable for hazardous locations that feature flammable, ignitable, or explosive gases, vapors, or dust particles. Available in a variety of battery voltage and wattage combinations.

Two bottom-mounted MR16 style lamp heads produce powerful emergency illumination that lasts for a minimum 90 minutes. UL 844, 924, and 1604 Listed. A push-to-test button allows for easy testing of the battery backup system.

This hazardous location emergency light back mounts to normally inflammable surfaces. Operates using 120 or 277V AC power, special voltages available.

This Class 1 Div 2 emergency light is easy to install and is suitable for oil refineries, power plants, and chemical processing facilities. A powerful battery backup system provides a minimum 90 minutes of emergency illumination during power outages.

Self-Testing Diagnostics are standard on this Class 1 Division 2 emergency light. All of the hazardous location emergency lights are outfitted with the latest technology and designed for the most extreme environments.

FEATURES

- Rated for Class 1 Division 2 hazardous locations
- Gray polycarbonate constructed housing
- Push-to-test button with LED charging indicator
- NEMA 3, 4, 4x, and 12 Rated
- UL 924 Listed for the USA
- 3 year warranty

EXTERNAL SPECIFICATIONS

The SVH Series is constructed from fiberglass reinforced polyester and is approved for a variety of extreme hazardous locations. This Class 1 Div 2 emergency lights is approved for NEMA 3, 4, 4x, 12 areas, and in class I, Division 2, Groups A, B, C & D, Zone 2, Groups IIA, IIB, H2 & IIC areas.

Water- and corrosion-resistant cabinet is made of fiberglassreinforced polyester. Industrial gray cabinet is fully gasketed around the cover. Battery compartment is vented with a breather vent designed to permit exhaust of battery gases without admitting external moisture or corrosives.

A clear polycarbonate shield creates a window that allows for easy monitoring of the AC indicator light and optional ammeter and voltmeter. Comes standard with Class 1 Div 2 rated polycarbonate sealed beam PAR 36 halogen or tungsten lamp heads.

LED LAMP SELECTION GUIDE

- **LA** - 6V 4W LED MR16
- **LG** - 12V 4W LED MR16
- **LI** - 12V 5W LED MR16
- **LJ** - 12V 6W LED MR16

BATTERY

The SVH uses sealed lead-calcium emergency light batteries which provide a minimum 90 minutes of emergency power to the (2) lamp heads. The SVH provide power to remotely located lamp heads and can be configured for extended run times of up to 4.5 hours.

SELF-DIAGNOSTIC TESTING

Standard Self-Diagnostic circuitry continuously monitors every critical function of the unit. If a problem occurs, a single fault indicator on the outside of the fixture flashes immediately.

A detailed diagnostic display is located internally. The detailed display will further indicate the nature of the fault as either a battery fault, load fault or a charger fault.

TIME DELAY OPTION

This option is ideal for installations that are utilizing fluorescent and HID lamps for general lighting purposes. The time delay feature keeps the emergency lights illuminated for a preset period (usually 15 minutes) after power is restored since fluorescent and HID lighting can take 10-15 minutes to reach full brightness, even after a short power failure.

ELECTRICAL SPECIFICATIONS

120/277V AC dual-voltage operation is standard. Other voltages available upon request such as 220v and 240v.

CODE COMPLIANCE

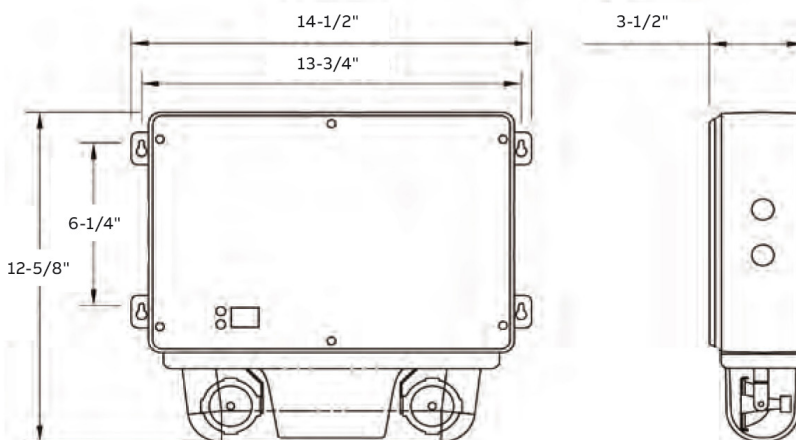
UL924 Listed for the U.S. and Canada, CS860, NFPA, Life Safety 101, UL Listed for Damp Locations. UL Listed for Wet Locations.



WARRANTY

The SVH Series comes with a 3-year factory warranty. The lamps are not covered. Deliberate damage, misuse, or improper installation effectively cancel the warranty. Battery features a 20% per year pro-rata warranty.

DIMENSIONS



ORDERING INFORMATION

Series	Capacity	Heads	Lamps	Diagnostics	Options
TL	SVH18 (6V 18W)	2 (double)	LA (6V 4W)	D (self-diagnostics)	TD (time delay)
	12SVH36 (12V 36W)	0 (none)	LG (12V 4W)	DA (audible self-diagnostics)	
	12SVH60 (12V 60W)		LI (12V 5W)		
	12SVH72 (12V 72W)		LJ (12V 6W)		