

HAZARDOUS LOCATION SERIES CLASS 1 DIVISION 2 EMERGENCY LIGHT



OVERVIEW

The EXP Series 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 front-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.

Auto-Testing (AT) Diagnostics are optional on this Class 1 Division 2 emergency light. All of the hazardous location emergency lights are outfitted with the latest fixture monitoring technology.

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 EXP 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 1 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 with (2) MR16 lamps that can be outfitted in either halogen or LED.

LAMP SELECTION GUIDE

- **MR16**
5W, 10W (6V) or 10W, 12W, and 20W (12V)
- **LED MR16**
5W (6V) or 3W, 5W, and 7W (12V)

BATTERY

The EXP uses Ni-Cad and Lead-Acid batteries to provide a minimum 90 minutes of power to the (2) lamp heads. Remotely located lamp heads can be configured for extended run times of up to 4.5 hours.

ELECTRICAL SPECIFICATIONS

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

SELF-DIAGNOSTIC TESTING

Optional Auto-Testing (AT) Diagnostics 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.

ADDITIONAL OPTIONS

Additional options include a Wire Guard (WG), Voltmeter (VM), and Nickel-Cadmium Battery (NC). Consult the ordering matrix below for more information on available options for the BRV-HZ Series.

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. NSF Standard 2.

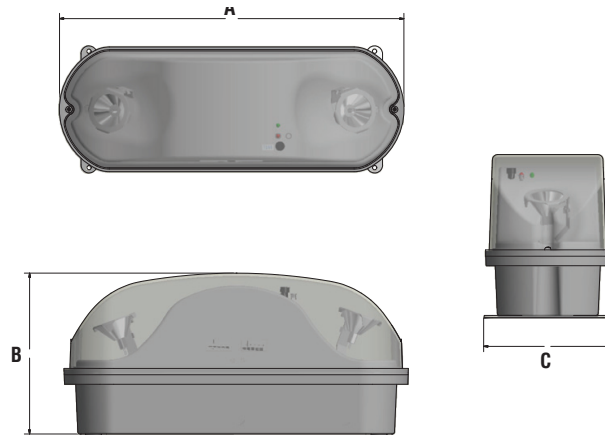
WARRANTY

The EXP 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

- A** = 16.25" (413mm)
- B** = 7.5" (191mm)
- C** = 6.0" (152mm)



ORDERING INFORMATION

Series & Voltage	Capacity & Battery Type	Lamp Type	Lamp (watts)	Options
EXP-6 (6 volt DC)	18 watts (SLA)	MR16 (halogen)	5W, 10W, 12W, or 20W	AT (auto-test)
EXP-12 (12 volt DC)	22 watts (NC)	LED MR16 (LED)	3W, 5W, or 7W (LED)	VM (ammeter)
	36 watts (SLA)			WG (wire guard)
	42 watts (NC)			CC (cusotm color)
	60 watts (SLA)			