

# SURE-LITES

## ***Installation Instructions For UEL-HAZ Series Emergency Light For HAZARDOUS LOCATIONS, Class I, DIV. 2, Groups A,B,C,D***

NEMA type 4X rated Enclosure: Raintight, Watertight and Corrosion Resistant.

NSF - Splash Zone Rated.

Suitable for Wet Locations, For use in -35°C (-31°F) to 50° C (122°F) ambient environments.

MR16 lamps, 24W (combined) Maximum.

## **IMPORTANT SAFEGUARDS**

***WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS  
BE OBSERVED INCLUDING THE FOLLOWING:***

1. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS**
2. Do not mount near gas or electric heaters.
3. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
4. The use of accessory equipment not recommended by Sure-Lites may cause an unsafe condition.
5. Do not use this equipment for other than its intended purpose.
6. Qualified personnel should perform servicing of any parts or replacement and proper disposal of the battery.
7. Determine that area is non-hazardous before servicing the equipment.
8. **SAVE THESE INSTRUCTIONS**

### **WARNING**

***ELECTRICAL POWER MUST BE OFF, BEFORE AND DURING INSTALLATION AND MAINTENANCE.***

### **INSTALLATION:**

- STEP 1:** Review the STANDARD instructions (049-180) for mounting instructions, assembly and operations. Steps 3 and 4 from STANDARD instructions (049-180) do not apply to hazardous locations. For hazardous locations installation, REFER TO THESE ADDITIONAL INSTRUCTIONS. Supply connections to be made through conduit only.
- STEP 2:** Remove knockout for CONDUIT HUB at the desired location, with hammer and screwdriver, or drill out with 7/8" Dia. hole saw.
- STEP 3:** Install CONDUIT HUB and SEALING GASKET provided with the unit. See assembly view on the back of this sheet.
- STEP 4:** Knockout the two large keyholes, and attach the unit to the mounting surface with two metal screws with head diameter greater than the 0.18 in. (4.57 mm) diameter of the keyhole cover opening. Make sure to use the keyhole covers provided with the unit as shown below.
- STEP 5:** Complete CONDUIT installation with listed 1/2 in. CONDUIT and FITTINGS.  
Connect Power Supply in accordance with Local Codes and the NEC code for Class I, Div. 2 - Hazardous Locations.
- STEP 6:** Complete assembly and installation per the STANDARD installation instructions. For hazardous locations compliance, unit must not be tested with the laser tester.



**WARNING**  
Risk of Fire and Electric Shock. If not qualified, consult an electrician.



**MISE EN GARDE**  
Risque d'incendie et de choc électrique. Contacter un électricien si vous n'êtes pas qualifié.



**PRECAUCION**  
Riesgo de Incendio y Descarga Eléctrica. Si no está calificado, consulte a un electricista.

## ! WARNING

**To avoid the risk of fire, explosion or electric shock,** this product should be installed, inspected and maintained by a qualified electrician only, in accordance with all applicable electrical codes.

## ! WARNING

**To avoid electric shock:** Be certain electrical power is off before and during installation and maintenance.

Luminaire must be supplied by a wiring system with an equipment grounding conductor.

**To avoid burning hands:** Make sure globe, refractor or reflector lens and lamp are cool when performing maintenance.

## ! WARNING

**To avoid explosion:**

Make sure the supply voltage is the same as the luminaire voltage.

Do not install where the marked operating temperatures (T-Code) exceed the ignition temperature of the hazardous atmosphere.

Do not operate in ambient temperatures above those indicated on the luminaire nameplate.

Use only the lamp type and wattage specified on the luminaire re-lamp label.

Use proper supply wiring as specified on the luminaire labeling.

All gasket seals must be clean.

Before opening, electrical power to the luminaire must be turned off. Keep tightly closed when in operation.

