



Type No. \_\_\_\_\_

Job Name \_\_\_\_\_

Catalog No. \_\_\_\_\_



HAZC6012

# Explosion Proof Hazardous Location Self-Contained Emergency Lighting

## Housing

- Copper-free aluminum construction
- High-impact, heat-resistant globe
- Cast aluminum globe guard
- Corrosion-resistant, epoxy powder coat finish
- Stainless steel external hardware
- Ceiling and wall mount fixture has universal junction box with four tapped holes for  $\frac{3}{4}$ " rigid conduit (3 close-up plugs provided)
- Pendant mount fixture has  $\frac{3}{4}$ " top hub
- Optional exit accessory

## Electronics

- 120/277 VAC dual voltage input with surge protection
- Utilizes a solid-state, fully automatic, voltage regulated charger
- Brownout protection activates lights when AC voltage drops 20% below nominal
- Labor saving AC lockout feature
- Low voltage disconnect switch (LVD) prevents deep battery discharge

## Electrical Specifications

- 120 VAC: 0.50 A, 60 W
- 277 VAC: 0.22 A, 60 W

## Battery

- Includes four maintenance free lead calcium batteries to provide 12 VDC output of 60 W for 90 minutes
- Safety disconnect feature automatically disconnects lamps from battery if globe is removed

## Application

- The HAZ Series self-contained emergency unit is ideal for use in hazardous locations where explosive materials may be present

## Code Compliance

- UL listed for use in: Class I, Div. 1, Groups C & D, Zones 0, 1 & 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class I, Div. 2, Groups C & D, Zone 2, Groups IIA, IIB + H<sub>2</sub> & IIC; Class II, Div. 1, Groups E, F & G; Class II, Div. 2, Groups F & G; Class III
- NEMA rated: 7CD and 9EFG areas
- Temperature performance ratings (max. ambient temperature 160°C) - T6 (Class I), T5 (Class II)

## Warranty

- Electronics: 3 years
- Battery: 1 year full, 4 years pro-rata (lead calcium)

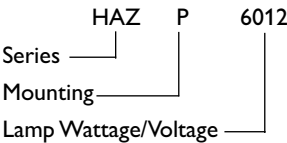
# Self-Contained Emergency Lighting

## Ordering Information

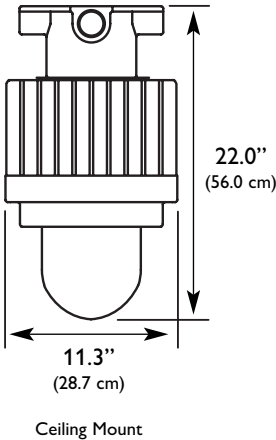
<b>HAZ</b>		<b>6012</b>
SERIES	MOUNTING CONFIGURATION	LAMP WATTAGE/VOLTAGE
<b>HAZ</b> = HAZ Series	<b>P</b> = Pendant <b>C</b> = Ceiling <b>W</b> = Wall	<b>6012</b> =(3) 12 V, 20 W Halogen

ACCESSORIES (Ordered Separately)
<b>EFK</b> = Exit accessory kit (red letter only)

## Ordering Example



## Dimensions



Dimensions are approximate and subject to change.

## Suggested Specification

Furnish and install LightGuard emergency lighting model \_\_\_\_\_. The unit shall be suitable for use in Class II, Division 1 or 2, Groups E, F, & G, and Class III hazardous areas.

**INSTALLATION/OPERATION** - Unit shall operate halogen or incandescent lamps, and shall be available in 6 VDC, 12 VDC or 120 VAC input voltage configurations. Installation must comply with the NEC Code as well as other applicable codes. Upon utility power failure or brownout, the unit shall automatically transfer to battery power and maintain the required illumination for a minimum period of 90 minutes. Upon restoration of utility power, the charger shall restore the battery to full charge within 24 hours following a rated discharge of not more than 90 minutes.

**HOUSING** - The enclosure shall be constructed of corrosion-resistant, aluminum alloy with an epoxy polyester finish.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



272 West Stag Park Service Road • Burgaw, NC 28425  
(910) 259-1131 • FAX (800) 403-6927  
www.lightguard.com

L2174R8  
1/12 IH