



## HZ SERIES

LED Exit Combo, Hazardous Locations: Class I Div 2, Class II Div 1&2 and Class III



### TYPICAL SPECIFICATIONS

Supply and install **Ready-Lite® HZ Series** combination emergency light battery unit and LED Exit Sign. Designed specifically for hostile environments, the equipment frame shall be of industrial grade polymer with gaskets around both sides of the frame contour. The back plate shall be made of 1/8" thick aluminum sheet and shall include knockouts for installation on an electrical box and four keyholes for alternative installation on a wall surface. The faceplate shall be constructed of heavy-duty vandal-resistant polycarbonate and feature a uniformly illuminated legend.

The light source shall be light emitting diodes (LED). Red LED technology shall be **ALINGAP**. An LED-sensitive diffuser shall be mounted behind the legend to provide the 6" high by 3/4" stroke letters with even illumination. When specified, the equipment shall have attached a lower compartment containing two emergency lights with adjustable swivels and long-life LED lamps of \_\_\_\_\_ V and \_\_\_\_\_ W. The lamps shall be shielded by cast aluminum housing and protected by a shock-absorbent, transparent polycarbonate cover.

The equipment shall be certified for Hazardous Locations: Class I Division 2 Groups A, B, C and D, Class II Division 1&2 Groups E, F and G as well as Class III. The standard AC input voltage shall be 120/347VAC. The equipment shall be equipped with a magnetic test switch located behind the face plate and two LED pilot lights: AC-on and "Service required".

The unit shall include self-testing/self-diagnostic functions monitored by a micro-controller and shall automatically self test for one minute every 30 days, 10 minutes in the 6th month and 30 minutes annually. The "Service required" LED shall light when a fault is detected. A four-LED diagnostic display located inside the equipment shall identify the source of the failure (battery, charger circuitry, or lamp load).

The Exit Sign module shall be CSA-C860 approved.  
The combination unit shall be **Ready-Lite®** Model: \_\_\_\_\_.

### FEATURES

- Includes the addition of Class II Div 1&2 Groups E, F and G as well as Class III ratings
- Certified Class I Zone 2, Groups IIA, IIB and IIC
- Certified Class I Division 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Certified temperature Codes for several types of emergency lamps
- Certified CSA C22.2 No141
- Certified CSA C860
- Polymeric frame, with built-in gasket to prevent water infiltration
- Heavy-duty 1/8" thick aluminum back plate with keyholes for secure wall-mount installation
- Sealed polycarbonate faceplate of heavy-duty, vandal-resistant
- Suited for areas with the risk of flammable gases, vapors or liquids that can create an explosive atmosphere
- Exit Sign module illuminated by long-life, energy-efficient **ALINGAP** red LEDs
- Two LED lamps, shielded by a cast aluminum housing and a polycarbonate cover
- 5W LED emergency lights provide 60 ft of egress illumination on a 6-foot wide path
- 6W LED emergency lights provide 100 ft of egress illumination on a 6-foot wide path
- Sealed, maintenance-free, Lead-Calcium or Nickel-Cadmium batteries
- Remote load capacity: covers with LED lights 200 ft up to 800 ft of egress illumination
- Comes standard with auto-diagnostic functions
- 1/2" electrical conduit entry on both sides and at the top
- NEXUS® compatible (for more information on NEXUS®, contact your sales representative)
- Advanced diagnostics capabilities (specific load requirements)



### WIRE GUARDS

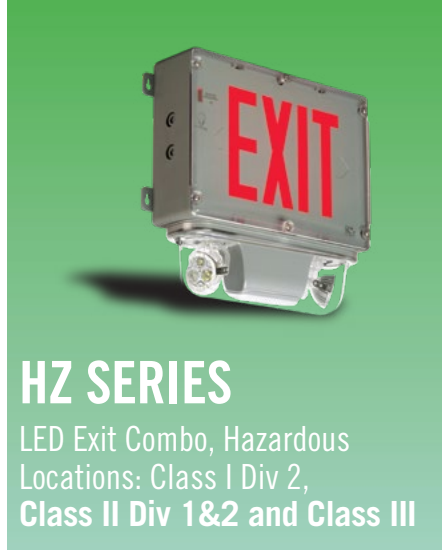
460.0078-RL	wall mount
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### TEMPERATURE CODES (CLASS I DIVISION 2)

LAMP RATING	TEMPERATURE CODE	MAX. TEMPERATURE	REPLACEMENT LAMP
6V-4W LED	T4A	120°C	580.0097-RL
12V-4W LED	T4A	120°C	580.0093-RL
12V-5W LED	T4A	120°C	580.0104-RL
12V-6W LED	T4	135°C	580.0106-RL

### POWER CONSUMPTION

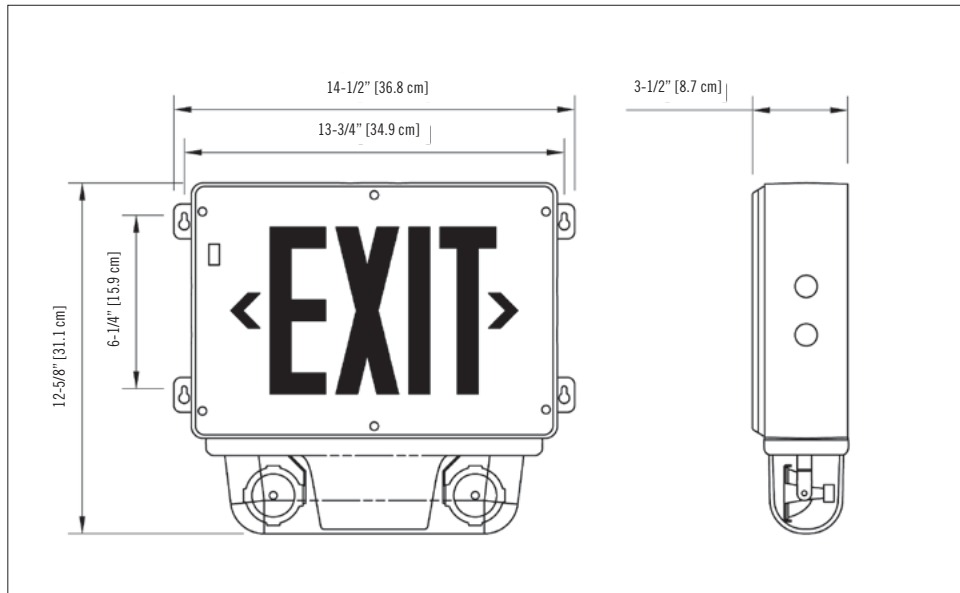
MODEL	AC SPECS	WATTAGE CAPACITY					
		30MIN	1H00	1H30	2H00	4H00	
HZ36N	120/347VAC	0.15/0.06 A	36	30	20	15	-
H12Z60		0.30/0.10 A	60	40	30	20	10
H12H10		0.30/0.10 A	100	72	40	36	18



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**DIMENSIONS**

Dimensions are approximate and subject to change.



**ORDERING INFORMATION**

CAPACITY	NUMBER OF HEADS	HEAD STYLE/ WATTAGE	HOUSING FACE COLOUR	VOLTAGE	LEGEND COLOUR	CHARGER TYPE
H12Z60= 12V-60W, Ni-Cd H12H10= 12V-100W, NiMH HZ36N= 6V-36W, Ni-Cd	2= two heads Blank= no heads <sup>1</sup>	LD1= MR16 LED, 6V-4W LD2= MR16 LED, 6V-5W LD7= MR16 LED, 12V-4W LD9= MR16 LED, 12V-5W LD10= MR16 LED, 12V-6W	GG= grey/grey	Blank= 120/347VAC U2= 120/277VAC	Blank= red legend G= green legend	AD= auto-diagnostics, audible ADN= auto-diagnostics, non-audible NEXRF= wireless NEXUS® system interface <sup>1</sup>
	<sup>1</sup> Remote load must be connected.					<sup>1</sup> Not all options available with NEXUS® System. Please consult your sales representative.

EXAMPLE: HZ36N2LD2GGAD