

Type: _____
 Project/Location: _____
 Contractor: _____
 Prepared By: _____
 Date: _____
 Model No.: _____

3LER-HZ Series

LED Exit Combination Hazardous locations Combination Unit for Class I Zone 2 Hazardous Locations



FEATURES

- Certified Class I Division 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981 Class I Zone 2, Groups IIA, IIB and IIC
 - Includes the addition of Class II Div 1&2 Groups E, F and G as well as Class III ratings
 - Certified temperature Codes for several types of emergency lamps
 - Polymeric frame, with built-in gasket to prevent water infiltration
 - Heavy-duty 1/8" thick aluminum back plate with key-holes for secure wall-mount installation
 - Sealed polycarbonate faceplate of heavy-duty, vandal-resistant
 - Suited for areas with the risk flammable gases, vapors or liquids that can create an explosive atmosphere
 - Long-life, ALINGAP technology energy-efficient LED light source is warranted for 10 years
 - Two MR16 lamps, shielded by a cast aluminum housing and a polycarbonate cover
 - 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 self-test/self-diagnostic functions
 - Comes standard with industrial-grade, Die-Cast Aluminum electrical box
 - 1/2 inch electrical conduit entry on both sides and at the top
 - Meets or exceeds CSA C22.2 No.141-15
- See warranty details at: www.tnb.ca/en/brands/lumacell

TYPICAL SPECIFICATIONS

Supply and install Lumacell® 3LER-HZ Series combination of unit equipment 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-inch 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 MR-16 halogen 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. 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 22.2 No.141-15 certified.

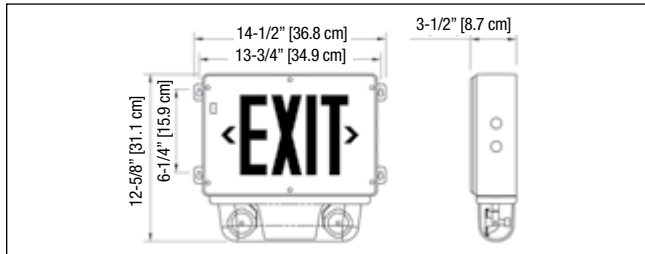
The combination unit shall be Lumacell® Model: _____

DIMENSIONS



nexus®

Dimensions are approximate and subject to change.



POWER CONSUMPTION

MODEL	AC SPECS	WATTAGE CAPACITY					
		30MIN	1H	1H30	2H	4H	
3LERHZ	120/347VAC	0.15/0.06 A	36	21	15	12	-
3LERHZN		0.15/0.06 A	36	30	20	15	-
5LERHZN		0.30/0.10 A	60	40	30	20	10
12H10LERHZ		0.030/0.10 A	100	72	40	36	18

ORDERING INFORMATION

SERIES	NUMBER OF HEADS	HEAD STYLE AND WATTAGE	HOUSING FACE COLOR	VOLTAGE	LEGEND COLOR	CHARGER TYPE
3LERHZN= 6V-36W, Ni-Cd 5LERHZ= 12V-60W, Ni-Cd 12H10LERHZ= 12V-100W, NiMH	Blank= no heads* 2= two heads * Remote load must be connected.	LD1= MR16 LED, 6V-4W LD7= MR16 LED, 12V-4W LD9= MR16 LED, 12V-5W LD10= MR16 LED, 12V-6W MJ= MR16 halogen, 6V-10W MK= MR16 halogen, 12V-12W MW= MR16-IR 12V-20W High-output	GG= grey/grey	Blank= 120/347VAC ZC= 120/277VAC	Blank= red legend G= green legend	AT= auto-test, audible ATN= auto-test, non-audible NEX= NEXUS® wired system interface* NEXRF= wireless NEXUS® system interface* * Not all options available with NEXUS® system. Please consult your sales representative

EXAMPLE: 3LERHZ2MJGGAT

WIRE GUARDS

460.0078-L	Wall Mount
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TEMPERATURE CODES

LAMP RATING	TEMPERATURE CODE	MAX. TEMPERATURE	REPLACEMENT PART NUMBER
6V-10W	T3C	160°C (320°F)	580.0079
12V-12W	T3A	180°C (356°F)	580.0080
12V-20W	T2D	215°C (419°F)	580.0068
6V-4W LED	T4A	120°C (248°F)	580.0097
12V-4W LED	T4A	120°C (248°F)	580.0093
12V-5W LED	T4A	120°C (248°F)	580.0104
12V-6W LED	T4	135°C (275°F)	580.0106

IN THE SAME FAMILY: CLASS 1, DIV. 2

 - LER-HZ Series Exit Sign p. 69	 - RG-HZ Series Battery Unit p. 120-121	 - MQM-HZ Series Remote Fixtures p. 150
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