

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

LER3000 Series

NEMA-4X rated and NSF Certified Exit Sign



FEATURES

- NEMA-4X Certified
- NSF Certified for food processing
- Polymeric enclosure is fully gasketed around lens and canopy to prevent water infiltration
- Sealed faceplate of heavy-duty, vandal-resistant polycarbonate with evenly illuminated legend
- Universal mounting: wall-, end-, or ceiling-mount
- Suitable for cold weather: -40°C (-40°F) on non Self-Powered sign and -20°C on Self-Powered ("CW" option)
- Tamper-resistant magnetic test switch
- Self-diagnostic circuitry standard on all Self-Powered models
- Energy efficient – consumes less than 3W in AC or DC mode
- Normal AC and emergency DC operation 120 to 347V universal AC dual tap; 6 to 48V universal DC
- NEXUS® compatible
- Meets or exceeds CSA 22.2 No.141-15

See warranty details at: www.tnb.ca/en/brands/lumacell



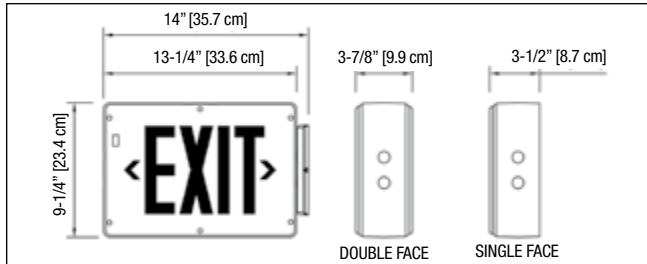
nexus®



NEMA-4X

DIMENSIONS

Dimensions are approximate and subject to change.



WIRE GUARDS

| | |
|------------|---------------|
| 460.0079-L | Wall Mount |
| 460.0027-L | End Mount |
| 460.0028-L | Ceiling Mount |

ORDERING INFORMATION

| SERIES | FACES/MOUNTING | HOUSING COLOURS | VOLTAGE | OPTIONS | APPROVAL |
|---------------------|--------------------------------------|---|--|---|-------------------------------|
| LER3= NEMA-4X & NSF | 500= single face 600= double face | BA= black/aluminum BK= black/black BW= black/white GA= grey/aluminum GB= grey/black GW= grey/white WA= white/aluminum WB= factory white/black WH= factory white | Blank= Universal, 120-347VAC, 6-48VDC SPD= 120 to 347VAC, Self-Powered diagnostic Ni-Cd 120VACDC2= 120VAC, 120VDC, 2 wires NEX= NEXUS® system interface NEXRF2= Wireless NEXUS® System Interface (120/277) NEXRF3= wireless NEXUS® system interface (120/347) | Blank= no options CW= cold weather* GN= green legend * -20°C for self-powered with diagnostics & Nexus®, -40°C for Universal 120-347VAC, 6-48VDC | 4X = approved NEMA-4X and NSF |

EXAMPLE: LER3500WH4X

TYPICAL SPECIFICATIONS

Supply and install Lumacell® LER3000 Series LED Exit Signs. The equipment shall operate with universal two-wire AC input voltage from 120VAC to 347VAC at less than 3W and universal two-wire DC input voltage from 6VDC to 48VDC at less than 2W for single and double face signs. The equipment frame shall be of industrial grade polyvinyl chloride with a gasket around lenses and canopy designed specifically for hostile environments. The faceplate(s) shall be constructed of heavy-duty vandal-resistant polycarbonate and feature an even illuminated legend. The light source shall be light emitting diodes (LED). Red LED technology shall be ALINGAP or white LED source for NEXRF3 models only. An LED-sensitive diffuser shall be mounted behind the legend to provide the 6" high by 3/4" stroke letters with even illumination. The exit shall be certified for NEMA- 4X and designed specifically for high abuse areas, wet location, and cold weather -20°C (-4°F) applications.

The Self-Powered model shall stay illuminated during emergency operation for at least 90 minutes upon AC failure and shall include a magnetic test switch and self-testing and self-diagnostic functions. The equipment shall automatically self test for 5 minutes every 30 days, 30 minutes every 60 days and 90 minutes annually. A "Service Required" lamp shall be located near the test switch and flash when a fault is detected. A two-LED diagnostic display shall be located inside the equipment and shall identify the eventual source of failure (battery, charger circuitry, or LED lamps).



The Exit Sign shall be CSA 22.2 No.141-15 certified.

The equipment shall be Lumacell® Model: _____.

POWER CONSUMPTION AND UNIT RATING

| MODEL | AC SPECS | | DC SPECS | |
|--------------------|---------------|--------------|---------------|-----------------|
| AC/DC red | 120 to 347VAC | Less than 3W | 6 to 48VDC | Less than 2W |
| AC/DC green | 120 to 347VAC | Less than 3W | 6 to 48VDC | Less than 2W |
| Self-Powered red | 120 to 347VAC | Less than 3W | Ni-Cd battery | Min. 90 minutes |
| Self-Powered green | 120 to 347VAC | Less than 3W | Ni-Cd battery | Min. 90 minutes |

IN THE SAME FAMILY: NEMA 4X

| | | | |
|---|--|---|---|
|  | - 3LER3000 Series Exit Sign p. 67 |  | - RG-NX NEMA-4X Series Battery Unit p. 116-117 |
|  | - MQM-NX NEMA 4X Remote Fixtures p. 149 | | |