



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
- Special wording available (CSA 22.2 No. 250.0)
- Meets or exceeds CSA 22.2 No. 141-15

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

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.

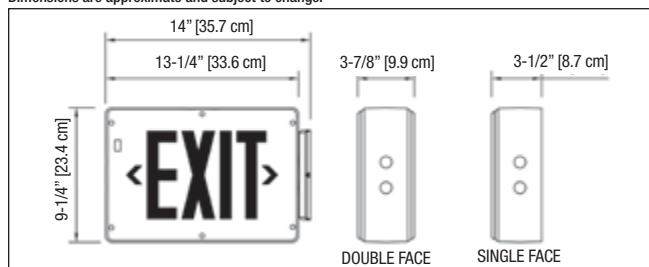
The Self-Powered model shall stay illuminated during emergency operation for at least 90 minutes upon AC failure and shall include a magnetic test switch and self-testing and self-diagnostic functions. The equipment shall automatically self test for 5 minutes every 30 days, 30 minutes every 60 days and 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: _____.

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

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
- RG-NX NEMA-4X Series Battery Unit
- MQM-NX NEMA 4X Remote Fixtures

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 SW= special wording * -20°C for self-powered with diagnostics & Nexus®, -40°C for Universal 120-347VAC, 6-48VDC	4X = approved NEMA-4X and NSF* * NEMA-4X certified for wall and ceiling mount only

EXAMPLE: LER3500WH4X