



# LN Series

NEMA-4X rated & NSF certified pictogram sign



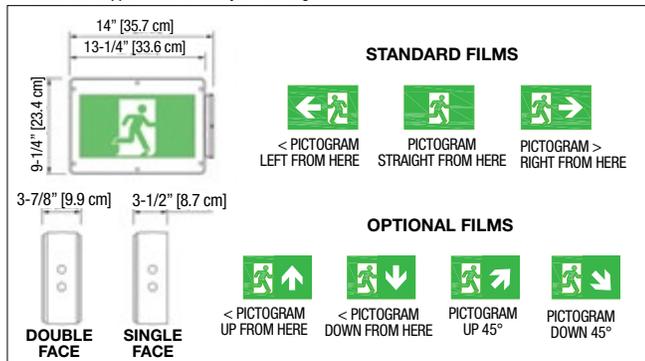
## FEATURES

- NEMA-4X Certified
- NSF compliant for food processing
- Polymeric enclosure is fully gasketed around lens and canopy to secure against water leaks
- Sealed, heavy-duty, vandal-resistant polycarbonate face plate
- Universal mounting: wall-, end-, or ceiling-mount
- Suitable for cold-weather: -40°C (-4°F) for AC/DC and -20°C (-40°F) for Self-Powered models (option: -CW)
- Tamper-resistant, concealed test switch with magnetic action
- Long-life white LED light source is warranted for ten (10) years
- Supplied standard with two pictogram films per face, for direction selection
- Universal AC input: two-wire 120 to 347VAC; standard DC input: two-wire 6 to 24VDC
- Energy efficient – consumes less than 2.5W in AC or DC-remote mode
- Self-Powered models deliver two hours of back-up lighting
- 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](http://www.tnb.ca/en/brands/lumacell)

## DIMENSIONS

Dimensions are approximate and subject to change.



## TYPICAL SPECIFICATIONS

Supply and install the Lumacell® LN Series pictogram Exit Signs. The equipment shall be certified for NEMA- 4X and designed specifically for high abuse areas, wet location, and cold weather applications. The equipment frame shall be of industrial grade polyvinyl chloride with a gasket around lenses and canopy. The faceplate(s) shall be constructed of heavy-duty vandal-resistant polycarbonate and feature an even illuminated legend. Each face plate shall come standard with two legend films for pictogram and direction selection. The light source shall be white light-emitting diodes (LED). The pictogram Exit Sign shall operate with universal 2-wire AC input voltage of 120 to 347VAC at less than 2.5W and universal 2-wire DC input voltage from 6 to 24VDC at less than 1 Watt for single and double face signs. The Self-Powered model shall include a concealed green pilot light and magnet-sensitive test switch, shall use a sealed Nickel-Cadmium battery of 2.4V nominal voltage and shall stay illuminated during emergency operation for 120 minutes upon AC failure. When specified, the Self-Powered model shall include auto-test functions: it shall execute automatic tests for 5 minutes every 30 days, 30 minutes every 60 days and two hours annually. When a fault is detected, the bi-colour pilot light shall turn from green to red and flash following a particular code. The code description shall be visible on a label next to the pilot light to identify the failure type: battery, charger circuitry, or LED lamps.

The pictogram 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-only	AC/DC standard	AC/Special DC	Two-wire 120V AC/DC	Self-Powered	Auto diagnostics
AC-only	120 to 347VAC	Less than 2.5W	-	-	-	-
AC/DC standard	120 to 347VAC	Less than 2.5W	6 to 24VDC	Less than 1W	-	-
AC/Special DC	120 to 347VAC	Less than 2.5W	36, 48, 120VDC	Less than 2.5W	-	-
Two-wire 120V AC/DC	120VAC	Less than 2.5W	120VDC	Less than 2.5W	-	-
Self-Powered	120 to 347VAC	Less than 3W	Ni-Cd battery	120 minutes	-	-
Auto diagnostics	120 / 347VAC	Less than 3.5W	Ni-Cd battery	120 minutes	-	-

### IN THE SAME FAMILY: NEMA 4X



## WIRE GUARDS

460.0079-L	Wall mount
460.0027-L	End mount
460.0028-L	Ceiling mount

## ORDERING INFORMATION

SERIES	FACES/ MOUNTING	ARROW CONFIGURATION	COLOUR	VOLTAGE	OPTIONS
LN= NEMA-4X & NSF pictogram exit sign <sup>1</sup>	1= single face 2= double face	Blank= Standard film <sup>1</sup> U9= Arrow Up D9= Arrow Down U4= Arrow Up 45° D4= Arrow Down 45°	B= black W= factory white	NEX= NEXUS® system interface, 120/347VAC NEXP= NEXUS®Pro IoT NEXRF= wireless NEXUS® system interface, 120/347VAC S= Self-Powered, 120 to 347VAC <sup>1</sup> SD= Self-Powered diagnostic, non audible, Ni-Cd, 120/347VAC SD2= Self-Powered diagnostic non audible, Ni-Cd, 120/277VAC U= universal 120 to 347VAC; 6 to 24VDC U00= 120 to 347VAC only U36= 120 to 347VAC; 36VDC U48= 120 to 347VAC; 48VDC U120= 120 to 347VAC; 120VDC 2120= 2-wires 120VAC/VDC	CW= cold-weather <sup>1</sup> SW= special wording
<sup>1</sup> NEMA-4X certified for wall and ceiling mount only		<sup>1</sup> See features for standard film details		<sup>1</sup> Not available with CW	<sup>1</sup> -20°C for self-powered with diagnostic & NEXUS®, -40°C for universal 120 to 347VAC; 6 to 24VDC

EXAMPLE: LN1BU