

# 3000 Series

## Polyvinyl Chloride Exit Sign

All-weather, all-purpose LED 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
- Suitable for cold weather: -40 C 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
- Sealed, maintenance-free, nickel cadmium batteries for superior performance and long life
- Provides 90 minutes of emergency operation (consult factory for longer operation)
- Batteries recharge as per CSA requirements
- Long-life, energy-efficient **AllnGaP** red LED light source
- Energy efficient – consumes less than 3watts in AC or DC mode
- Normal AC and emergency DC operation  
120 to 347volts universal AC two-wire; 6 to 48volts universal DC
- Also available with power pack; see **3LER3000** catalogue sheet
- CSA certified, meets or exceeds C860 requirements



N E X U S



Made in Canada



**NEMA-4X**

### Typical Specification

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 3watts and universal two-wire DC input voltage from 6Vdc to 48Vdc at less than 2watts 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 **AllnGaP**. 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) 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-C860 approved.

The equipment shall be Lumacell Model:

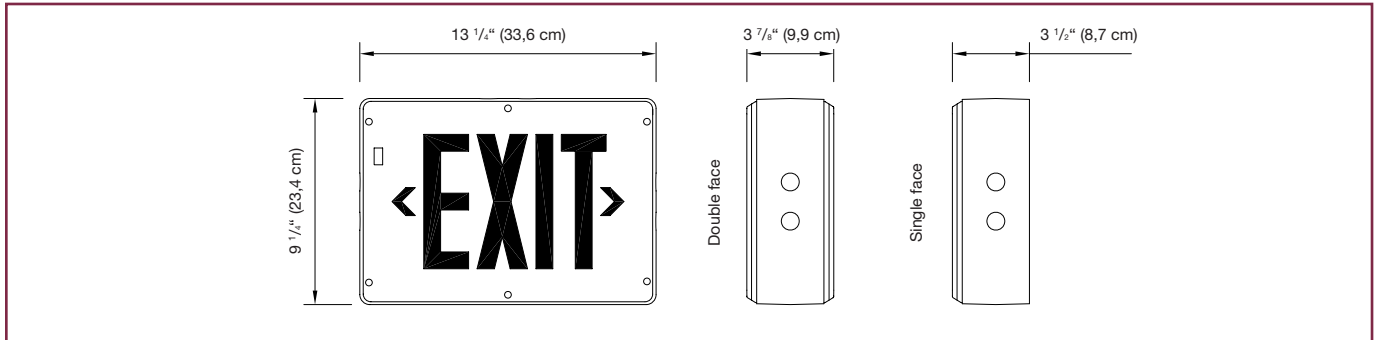
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Project/Location		Date
Contractor		Prepared by
LUMACELL Model		



## LER3000 SERIES

### Dimensions



### Wire Guards

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

### Power Consumption

Model	AC Specs		DC Specs	
<b>AC/DC, red</b>	120 to 347Vac	Less than 3W	6 to 48Vdc	Less than 2W
<b>AC/DC, green</b>	120 to 347Vac	Less than 3W	6 to 48Vdc	Less than 2W
<b>Sel-powered, red</b>	120 to 347Vac	Less than 3W	NiCad battery	Min. 90 minutes
<b>Sel-powered, green</b>	120 to 347Vac	Less than 3W	NiCad battery	Min. 90 minutes

### Ordering Information

Series	Faces/Mounting	Housing Faceplate Colours	Voltage	Options	Approval
<b>LER3= EXIT</b>	<b>500</b> = single face, universal mount <b>600</b> = double face, universal mount	<b>WH</b> = factory white/factory white <b>BK</b> = black/black <b>BW</b> = black/white <b>WB</b> = factory white/black <b>SG</b> = grey/grey <b>GW</b> = grey/white <b>GB</b> = grey/black <b>GA</b> = grey/aluminum	<b>Blank</b> = 120 - 347Vac, 6 - 48Vdc <b>SPD</b> = 120 - 347Vac self-powered c/w diagnostics (non-audible) <b>120VACDC2</b> = 120Vac, 120Vdc, 2 wires	<b>Blank</b> = no options <b>GN</b> = green letters <b>FA</b> = fire alarm activated flasher <b>*FB</b> = flasher/buzzer (Self-powered models only) <b>CW</b> = cold weather (-20°C for self-powered, -40°C for AC/DC) <b>NEX</b> = Nexus® system interface  (not available with FA, FB & CW)	<b>4X</b> = approved NEMA-4X and NSF

**EXAMPLE: LER3500WH4X**