



# 3LER3000 Series

## NEMA-4X rated & NSF Certified Combination Unit

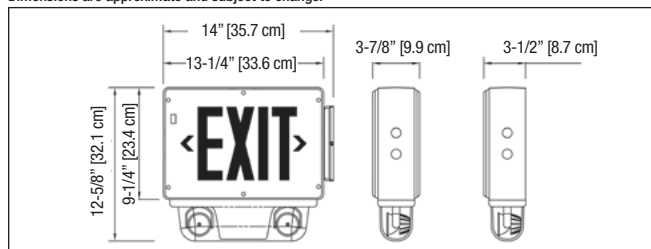


### FEATURES

- NEMA-4X-certified for wall or ceiling mount or end mount
  - NSF for food processing
  - Shielded by a clear polycarbonate cover
  - Continuous self-diagnostic monitoring and monthly self-testing
  - Fully automatic charger is solid state
  - Sealed, maintenance-free Nickel-Cadmium battery
  - Non-intrusive magnetic test switch
  - Comes standard with tamper proof screws
  - Cold weather -40°C (-40°F)
  - Auto-testing capabilities (specific load requirements)
  - IK10 impact resistance
  - 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.



Note: double face models have double the power consumption above.

### WIRE GUARDS WITH HEADS

460.0078-L	Wall Mount
460.0060-L	End or Ceiling Mount

### WIRE GUARDS WITHOUT HEADS

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

### ORDERING INFORMATION

SERIES	FACES	# OF HEADS	HEAD STYLE AND WATTAGE	HOUSING/ FACE COLOUR	VOLTAGE	OPTIONS
<b>3LER3</b> = 6V-36W, NEMA-4X & NSF <b>5LER3</b> = 12V-60W, NEMA-4X & NSF	<b>500</b> = single face <b>600</b> = double face <sup>1</sup>	<b>2</b> = two heads <b>Blank</b> = no heads <sup>1</sup>	<b>Blank</b> = no heads <b>LD1</b> = MR16 LED, 6V-4W <b>LD2</b> = MR16 LED, 6V-5W <b>LD7</b> = MR16 LED, 12V-4W <b>LD9</b> = MR16 LED, 12V-5W <b>LD10</b> = MR16 LED, 12V-6W	<b>BA</b> = black/aluminum <b>BK</b> = black/black <b>GA</b> = grey/aluminum <b>GB</b> = grey/black <b>GW</b> = grey /white <b>WA</b> = white/aluminum <b>WB</b> = white/black <b>WH</b> = white/white	<b>Blank</b> = 120 to 347VAC <b>ZC</b> = 120/ 277VAC	<b>AT</b> = auto-test, audible <b>Blank</b> = auto-test, non-audible (standard) <b>CW</b> = cold weather -40°C <sup>1</sup> <b>GN</b> = green legend <b>NEXRF</b> = wireless Nexus® system interface <sup>2</sup>

EXAMPLE: 3LER35002LD2WH

### TYPICAL SPECIFICATIONS

Supply and install Lumacell® 3LER3000 LED Sign and power pack series. The equipment shall operate under two input voltage, 120VAC or 347VAC. The equipment frame shall be of industrial grade polyvinyl chloride with a gasket around lenses and canopy designed specifically for hostile environments.

The unit shall be certified for NEMA-4X and designed specially for high abuse areas, wet location, and cold weather (CW option). The faceplate(s) shall be constructed of heavy-duty vandal-resistant polycarbonate and features an even illuminated legend. The legend light source shall be light emitting diodes (LED). Red LED technology shall be ALINGAP. Emergency lights shall be fully adjustable and high efficiency LED lamps. The Lumacell Advanced Diagnostic Microcontroller board shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The unit shall be rated 120/347 V, 60 Hz and be CSA listed. The unit shall have an output of: \_\_\_\_\_V \_\_\_\_\_W. The battery charger shall be driven by a micro-controller and shall include functions of: Lockout, Brownout Circuits, and Low Voltage Disconnection. It protects the unit from over-current, short-circuit, and reverse polarity. The unit shall self-test for 1 minute every 30 days, 10 minutes on the 6th month and 30 minutes every 12 months. The unit shall be capable of full recharge in compliance with CSA specifications. The unit shall be furnished with a magnetic test switch. A "Service Required" lamp shall be located near the test switch and flash when a fault is detected. A four-LED diagnostic display shall be located inside the equipment and shall identify the source of failure: battery, charger circuitry, LED lamps or emergency lights.

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

The equipment shall be Lumacell® Model: \_\_\_\_\_.

### POWER CONSUMPTION

MODEL	AC SPECS	WATTAGE CAPACITY					
		30MIN	1H	1H	2H	4H	
Exit Sign Model	Less than 2W	-	-	-	-	-	
3LER3	120/347VAC	0.15/0.05A	36	30	20	15	8
3LER300CW		0.41/0.15A	36	30	20	15	8
5LER3		0.27/0.09A	60	40	30	24	12

### IN THE SAME FAMILY: NEMA 4X



- LER3000 Series Exit Sign



- RG-NX NEMA-4X Series Battery Unit



- MQM-NX NEMA 4X Remote Fixtures