

# 3000 Series

## NEMA-4X Certified Combo Units

Impressive, state-of-the-art illumination for use in adverse conditions.



### Features

#### Standard

- NEMA-4X-certified
- NSF for food processing
- CSA certified, meets or exceeds C860 requirements
- Uniform **AllnGap** technology LED illuminated legend
- Universal mounting: wall, end or ceiling
- 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

#### Options

- Double face
- Cold weather (-40°C; 6Volt unit)
- No heads (for more remote capacity)
- Fire alarm activated flasher
- Flasher/buzzer (AC power failure)
- Flasher (AC power failure)
- **NEXUS®** compatible



nexus®



Made in Canada



NEMA-4X

### Typical Specification

Supply and install Lumacell 3LER3000 LED exit 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 **AllnGaP**. Emergency lights shall be fully adjustable and high efficiency MR16 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 \_\_\_\_\_volts.

The charger shall at first bulk recharge the battery, then when the battery is at full capacity, the charger will shut-off and thereafter periodically pulse charge to top off the

battery. This pulse-type charger promotes long battery life and reduces the potential for grid corrosion.

Its charge voltage is factory set to  $\pm 1\%$  tolerance and is temperature compensated. The charger has the functions of Lockout and 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, or lamps).

The exit sign shall be CSA-C860 approved.

The equipment shall be Lumacell Model:

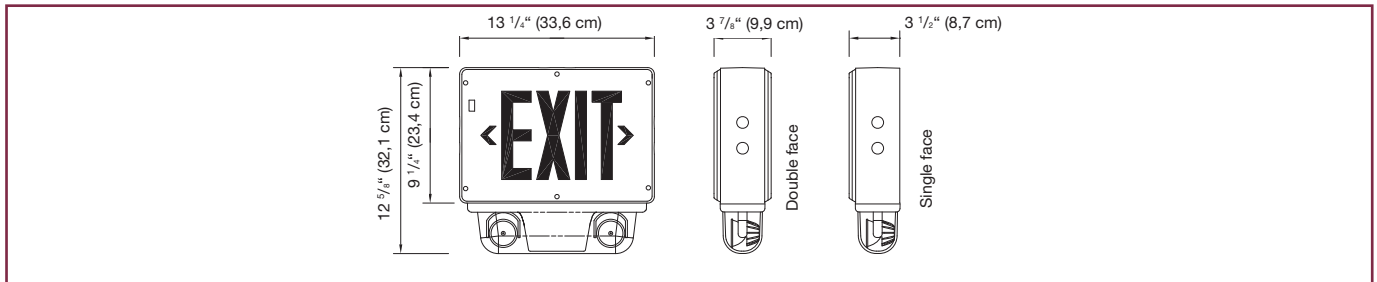
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Project/Location		Date
Contractor		Prepared by
LUMACELL Model		



## 3LER3000 SERIES

### Dimensions



### Wire Guards with heads

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

### Without heads

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

### Power Consumption and Unit Rating

Model	AC Specs		Wattage Capacity				
			30min	1h00	1h30	2h00	4h00
EXIT Sign Model	120/347Vac	Less than 2W	-	-	-	-	-
3LER3	120/347Vac	0.15/0.05 Amp	36	30	20	15	8
3LER3...CW	120/347Vac	0.25/0.08 Amp	36	30	20	15	8
5LER3	120/347Vac	0.27/0.09 Amp	60	40	30	24	12

### Ordering Information

Series	Faces	# of Heads	Lamp/Wattage	Housing/face	Model	Options
<b>3LER3</b> = EXIT 6V - 36W, NEMA-4X	<b>500</b> = single face	<b>Blank</b> = no heads <b>2</b> = two heads	<b>MI</b> = MR16, 6V - 6W	<b>WH</b> = white/white <b>WB</b> = white/black	<b>Blank</b> = 120 to 347Vac <b>ZC</b> = 120 to 277 Vac	<b>Blank</b> = no options <b>AT</b> = Auto-Test audible
<b>5LER3</b> = EXIT 12V - 60W, NEMA-4X	<b>600</b> = double face		<b>MJ</b> = MR16, 6V - 10W <b>MK</b> = MR16, 12V - 12W <b>L</b> = LED, 12V-5W	<b>WA</b> = white/ aluminium <b>BK</b> = black/black <b>BA</b> = black/ aluminium <b>GA</b> = grey/ aluminium <b>GW</b> = grey /white <b>GB</b> = grey/black		<b>*CW</b> = cold weather (-40°C) <b>FA</b> = flasher (fire alarm activated) <b>**FB</b> = flasher /buzzer (AC power failure) <b>FL</b> = flasher (AC power failure) <b>GN</b> = green letters <b>NEX</b> = NEXUS® system interface*** <b>NEXRF</b> = wireless NEXUS® system interface*** <small>*Available in 3LER3500 only (add 10W of power consumption for this option) ***Not available with "AT" option. ***Not available with (CW, FA, F/B &amp; FL)</small>

**EXAMPLE: 3LER3500MIWW**