



# RG-NX Series

## NEMA-4X Rated Certified

Type: \_\_\_\_\_

Project/Location: \_\_\_\_\_

Contractor: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Date: \_\_\_\_\_

Model No.: \_\_\_\_\_

### FEATURES

- Fully gasketed cast aluminum back plate with clear polycarbonate cover – NEMA-4X Certified
  - Comes standard with non-audible advanced diagnostic, 10 minute time delay and lamp disconnect
  - Audible warning and time delay functions can be enabled or disabled during installation
  - Micro-controller diagnostic system tests, detects and indicates battery, charger circuitry or MR16 lamp failures
  - Non intrusive magnetic test switch
  - Long-life, maintenance-free sealed Lead-Acid battery
  - 1/2" rigid conduit entry on top and back
  - Can be installed on 4" junction boxes
  - Comes standard with tamper-proof screws and bit
  - Standard 120/347VAC input voltage
  - Cold weather option -40°C (-40°F)
  - NSF Certified for food processing plants
  - Meets or exceeds CSA C22.2 No. 141-15
- See warranty details at: [www.tnb.ca/en/brands/lumacell](http://www.tnb.ca/en/brands/lumacell)**

### TYPICAL SPECIFICATIONS

Supply and install the **Lumacell® NEMA-4X Certified RG-NX Series** battery unit. Specifically designed for high abuse areas, wet locations, and cold weather (CW option -40°C (-40°F)), the housing shall consist of a fully gasketed die-cast with a cast aluminum back plate and a clear heavy-duty UV resistant polycarbonate cover. The heads shall be fully adjustable without tools and the lamps shall be high efficiency halogen MR16. The standard unit shall be equipped with tamper-proof screws and bits. The Lumacell Advanced Diagnostic Micro-controller charger board shall supply the rated load for a minimum of 30 minutes to 87.5% of the rated battery voltage. The charger incorporates lockout and brownout circuits, and low voltage disconnection. It protects the unit from over-current, short-circuit, and reverse polarity. The unit shall be rated 120/347V, 60Hz. The unit shall have an output of \_\_\_\_\_ V. This 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 furnished with a non-intrusive 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 unit shall be CSA 22.2 No. 141-15 certified.

The unit shall be Lumacell® model: \_\_\_\_\_

### WIRE GUARDS

460.0031-L	Wall Mount
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### ACCESSORIES

Additional bit for tamperproof screws	TPB
Universal bracket (for mounting on poles, I-beams)	PMK

### REPLACEMENT LAMPS

ORDERING CODE	TYPE OF SPECIFICATIONS
580.0079-L	M10W, MR16, 6V-10W FL
580.0080-L	M12W, MR16, 12V-12W FL
580.0097-L	MR16 LED, 6V-4W
580.0093-L	MR16 LED, 12V-5W
580.0104-L	MR16 LED, 12V-5W
580.0106-L	MR16 LED, 12V-6W

#### IN THE SAME FAMILY: NEMA-4X

	- LER300 Series p. 65		- 3LER300 Series p. 67
	- MQM-NX NEMA 4X Remote Fixtures p. 149		



nexus®



NEMA-4X

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 Project/Location: \_\_\_\_\_  
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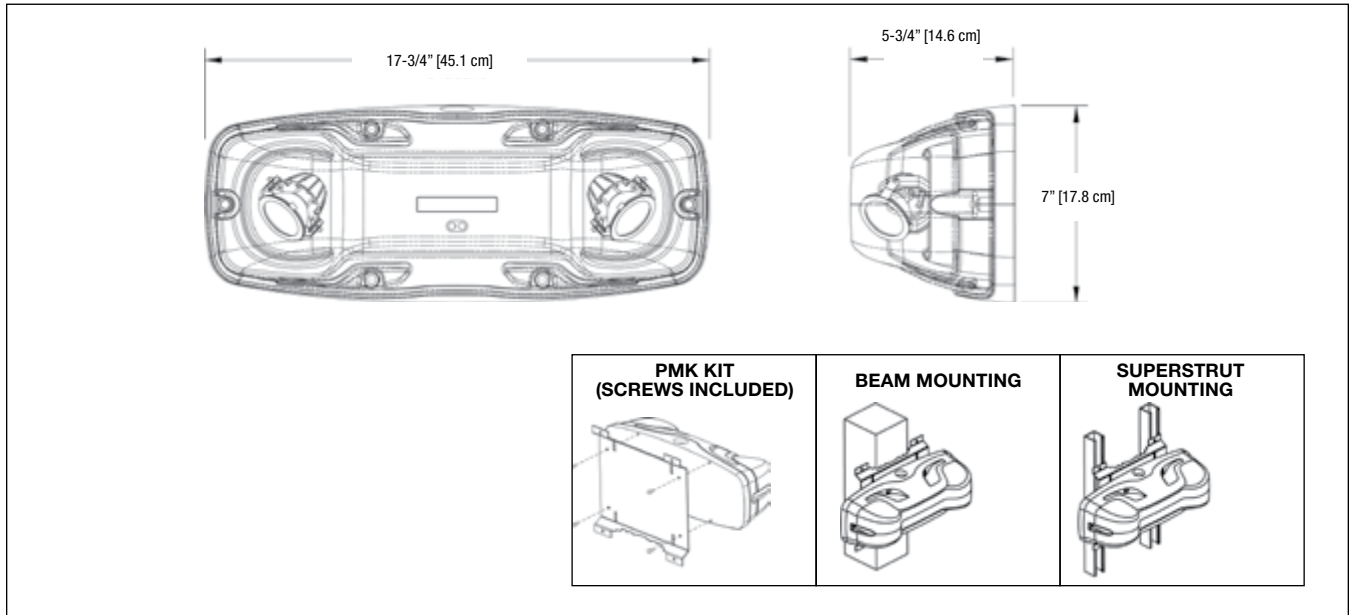


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## DIMENSIONS

Dimensions are approximate and subject to change.



## POWER CONSUMPTION AND UNIT RATING

MODEL	AC SPECS	WATTAGE CAPACITY					
		30MIN	1H00	1H30	2H00	4H00	
RGNX36	120/347VAC	0.15/0.06A	36	21	15	12	6
RG12NX72		0.25/0.10A	72	42	30	24	12
RG12NX108		0.25/0.10A	108	63	45	36	18
Cold Weather 36W	120VAC	0.45/0.20A	36	-	-	-	-
Cold Weather 72/108W		0.85A	72/108	-	-	-	-

\*Note: capacity depends on the ambient temperature

## ORDERING INFORMATION

SERIES	CAPACITY	NUMBER OF HEADS	LAMP TYPES AND WATTAGE	COLOUR	AC VOLTAGE	OPTIONS
<b>RGNX</b> = 6V, NEMA-4X <b>RG12NX</b> = 12V, NEMA-4X	<b>36</b> = 6V-36W <b>72</b> = 12V-72W <b>108</b> = 12V-108W	<b>2</b> = 2 heads	<b>LD1</b> = MR16 LED, 6V-4W* <b>LD7</b> = MR16 LED, 12V-4W* <b>LD9</b> = MR16 LED, 12V-5W <b>LD10</b> = MR16 LED, 12V-6W <b>M6W</b> = MR16 halogen, 6V-6W <b>M10W</b> = MR16 mini-halogen, 6V-10W <b>M12W</b> = MR16 mini-halogen, 12V-12W <b>M20W</b> = MR16 mini-halogen, 12V-20W <b>MH20W</b> = MR16-IR, 12V-20W, high output  * Minimum lamp load required: 20% of unit capacity.	<b>Blank</b> = white <b>BK</b> = black <b>SG</b> = grey	<b>Blank</b> = 120/347VAC <b>ZC</b> = 277VAC input	<b>Blank</b> = no options <b>NEX</b> = NEXUS® system interface* <b>NEXRF</b> = wireless NEXUS® system interface* <b>CW1</b> = cold weather 120VAC <b>CW3</b> = cold weather 347VAC**  <b>PMK-L</b> = universal bracket (sold separately) * Not all options are available with NEXUS® System. Please consult your sales representative. ** Available in 6V only.

EXAMPLE: RGNX362M6W