LAC Series

Extruded Aluminum Combination Unit

nexus® | CSA | Made in Canada

FEATURES

- Solid metal construction, painted factory white
- Universal mounting: end, wall or ceiling
- Legend illuminated by white LED's warrantied for 10 years
- Comes standard with two pictogram films per face, for direction selection
- Twin LED lights provide up to 89 feet of egress illumination on a 6-foot wide path
- Twin 4W LED emergency lights provide 34 - 40 feet of egress illumination on a 6-foot wide path
- Sealed, maintenance-free Lead-Calcium battery
- Remote load capacity: 70' up to 350' feet of egress illumination when using LED remote heads
- Auto-testing capabilities (specific load requirements)
- Meets or exceeds CSA 22.2 No. 141-15

  See warranty details at: www.tnb.ca/en/brands/lumacell

TYPICAL SPECIFICATIONS

Supply and install **Lumacell® LAC Series** combination of unit equipment and pictogram Exit Sign. The unit shall be suitable for universal mounting: wall, end, or ceiling. The unit shall include a power pack made of steel and a legend housing including a one-piece extruded aluminum frame. The legend housing shall have a maximum depth of 2-1/2". The face plate(s) shall be of extruded Aluminum and shall incorporate a protective clear polycarbonate panel. 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) and shall provide even illumination in normal and emergency operation. The power pack shall be complete unit equipment with battery charger and rechargeable battery. The battery shall be maintenance-free, sealed Lead-Calcium. In case of AC power failure the equipment shall provide minimum 30 minutes of emergency lighting. The rated DC power available for emergency lights shall be 27W or up to 80W, as specified. The emergency heads shall require no tools to adjust and aim. The heads shall be made of durable thermoplastic construction and include 4W LED lights or as otherwise specified.

Units with "auto-test option" shall include a micro-controller circuit to monitor all the critical functions of the equipment and execute periodical tests of: one minute every 30 days, 10 minutes every 6 months and 30 minutes every 12 months. In case of equipment malfunction, an LED-based diagnostic display shall generate a service alarm and indicate the cause of failure: battery, charger circuit, emergency lamps or Exit Sign lamps.

The equipment shall be CSA 22.2 No. 141-15 certified.

The equipment shall be **Lumacell®** Model: _____ .

WIRE GUARDS

460.0081-L	Wall mount
460.0060-L	Ceiling mount

LUMACELL

by ABB

DIMENSIONS

Dimensions are approximate and subject to change.

< PICTOGRAM
LEFT FROM HERE

PICTOGRAM
STRAIGHT FROM HERE

PICTOGRAM >
RIGHT FROM HERE

1-1/8" [2.8 cm]
4-5/8" [11.7 cm]
12-1/8" [30.8 cm]
6-1/2" [16.5 cm]
12-3/4" [32.4 cm]
7-1/2" [19.0 cm]
13-1/8" [33.3 cm]
14-1/2" [36.7 cm]
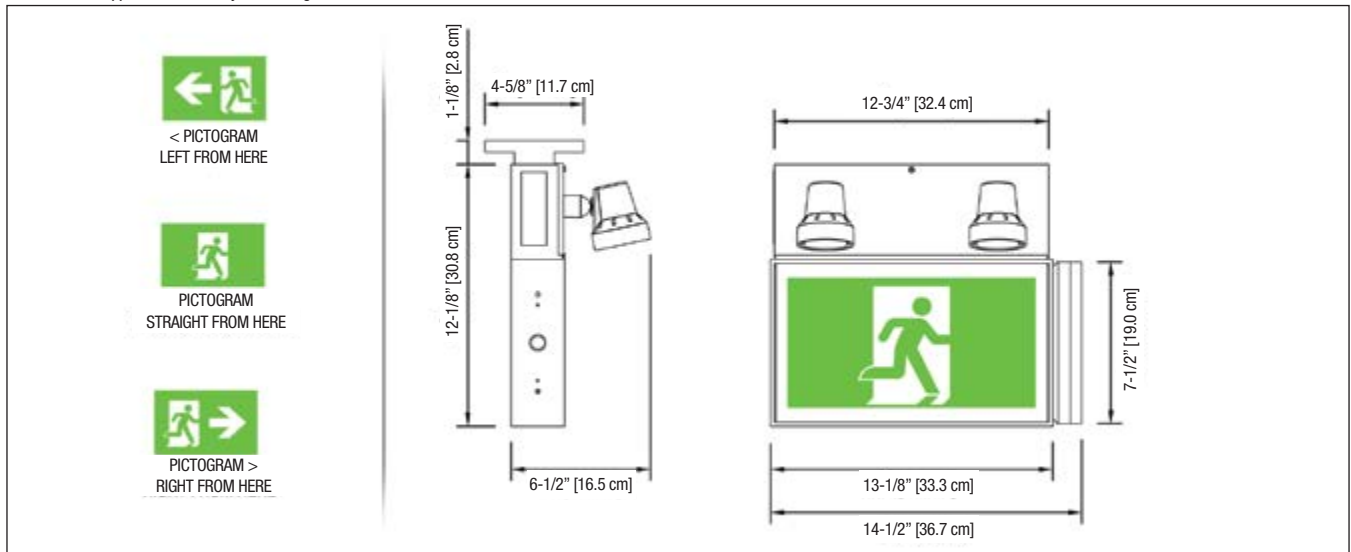
POWER CONSUMPTION

MODEL	AC SPECS		EMERGENCY POWER AVAILABLE FOR LAMPS				
			30MIN	1H00	1H30	2H00	4H00
Pictogram module	120/347VAC	Less than 1.5W	-	-	-	-	-
LAC-627	120/347VAC	0.15/0.05A	27	16	11	9	-
LAC-640			40	23	16	13	-
LAC-672			72	42	30	24	12
LAC-1250	120/347VAC	0.25/0.09A	50	29	21	16	8
LAC-1280			80	46	32	27	13

ORDERING INFORMATION

SERIES	FACES / MOUNTING	COLOUR	POWER EM. LIGHTS	HEADS	HEAD STYLE AND WATTAGE	VOLTAGE	OPTIONS
LAC= pictogram aluminum combination unit	**1**= single face, universal mounting **2**= double face, universal mounting	**B**= black **W**= factory white	**627**= 6V-27W **640**= 6V-40W **672**= 6V-72W **1250**= 12V-50W **1280**= 12V-80W	**Blank**= no head **1**= one head **2**= two heads	**Blank**= no heads **LD1**= MR16 LED, 6V-4W **LD2**= MR16 LED, 6V-5W **LD7**= MR16 LED, 12V-4W **LD9**= MR16 LED, 12V-5W **LD10**= MR16 LED, 12V-6W	**Blank**= 120/347 VAC **ZC**= 120/277VAC input	**AT**= auto-test (audible)* **ATN**= auto-test (non-audible)* **NEX**= NEXUS® system interface* **NEXRF**= wireless NEXUS® system interface* **TP**= tamper-proof screws** **T3**= time delay (15 minutes)*** **U9**= arrow up **D9**= arrow down **U4**= arrow up 45° **D4**= arrow down 45° * Not available with 6V-72W * Not all options available with NEXUS® system interface. Please consult your sales representative ** **990.0119-L**= tamper-proof bit (sold separately) *** Available with auto-test or Nexus® only

EXAMPLE: LAC1W12502LD7

Unlike Exit Signs this pictogram sign is not available in double arrow configuration.