

PROJECT _____
 LOCATION _____
 DATE _____
 CONTRACTOR _____
 PREPARED BY _____
 LUMACELL
 MODEL _____

LAC Series

Extruded Aluminum Combination Unit

Combination Units



FEATURES

- Solid metal construction, painted factory white
- Universal mounting: end, wall or ceiling
- Meets or exceeds CSA 22.2 No.141-10 standard for unit equipment and pictogram safety signs
- Legend illuminated by long-life white LED's
- Comes standard with two pictogram films per face, for direction selection
- Comes standard with two high-performance 4-watt MR16 LED lamps
- Twin 4-watt 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



DIMENSIONS



ORDERING INFORMATION

SERIES	FACES/MOUNTING	COLOUR	POWER EM. LIGHTS	HEADS	HEAD STYLE AND POWER	OPTIONS
LAC= pictogram aluminum combination unit	1= single face 2= double face universal mounting	W= factory white B= black	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 head LD1= MR16 LED 6V-4W LD7= MR16 LED 12V-4W MI= MR16 halogen 6V-6W MJ= MR16 halogen 6V-10W MK= MR16 halogen 12V-12W MA= MR16 halogen 12V-20W MQ8= micro-halogen, 8W MQ12= micro-halogen, 12W MT9= micro-tungsten, 9W	AT= auto-test, audible* ATN= auto-test, non-audible* T3= time delay 15 minutes** TP= tamper-proof screws*** ZC= 120/277VAC input NEX= NEXUS® system interface NEXRF= wireless NEXUS® system interface**** * Not available with 6V-72W ** Time delay only with auto-test *** Bit ordered separately: 990.0119-L

EXAMPLE: LAC1W1250LD7

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 27 Watts or up to 80 Watts, as specified. The emergency heads shall require no tools to adjust and aim. The heads shall be made of durable thermoplastic construction and include 4-watt MR16 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 meet or exceed the requirements of CSA 22.2 No.141-10 standard.

The equipment shall be Lumacell® Model: _____.

POWER CONSUMPTION

MODEL	AC SPECS	Emergency power available for lamps					
		30 min.	1 hr.	1.5 hrs.	2 hrs.	4 hrs.	
Pictogram module	120/347VAC	Less than 1.5W	-	-	-	-	-
LAC-627	120/347VAC	0.15/0.05 Amp	27	16	11	9	-
LAC-640			40	23	16	13	-
LAC-672			72	42	30	24	12
LAC-1250	120/347VAC	0.25/0.09 Amp	50	29	21	16	8
LAC-1280			80	46	32	27	13

WIRE GUARDS

460.0081-L	Wall mount
460.0060-L	Ceiling mount

Unlike EXIT signs, the pictogram sign is not available in double arrow configuration.