EAC Series
Extruded aluminum combination unit

Features

- Solid extruded aluminum 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
- 5W LED emergency lights provide 70' of egress illumination on a 6-foot wide path
- Sealed, maintenance-free lead-calcium battery
- Remote load capacity: 70' up to 350' of egress illumination when using LED remote heads
- Advanced diagnostics capabilities (specific load requirements)
- **Warranty details at: www.emergi-lite.ca**

nexus® CSA Made in Canada

Typical specifications

Supply and install the **Emergi-Lite® EAC Series** combination emergency light battery unit and the pictogram 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 faceplate(s) shall be of extruded aluminum and shall incorporate a protective clear polycarbonate panel. Each faceplate 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 as otherwise specified.

Units with "auto-diagnostic 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 pictogram sign lamps.

The equipment shall meet or exceed the requirements of CSA 22.2 No.141-10 standard.

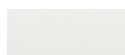The equipment shall be **Emergi-Lite®** model: _____ .

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Wire guards

Ordering code	Description
460.0081-E	Wall mount
460.0060-E	Ceiling mount

Housing colour

Black   Factory white

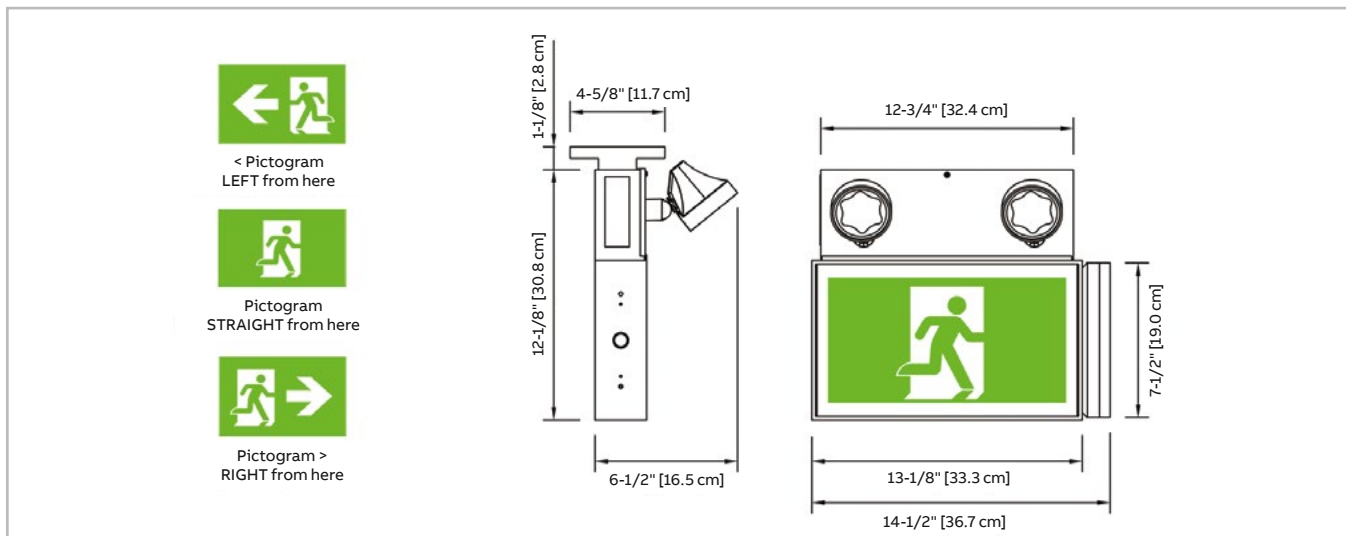**EMERGI-LITE**

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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]

12-3/4" [32.4 cm]

12-1/8" [30.8 cm]

7-1/2" [19.0 cm]

6-1/2" [16.5 cm]

13-1/8" [33.3 cm]

14-1/2" [36.7 cm]

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Power consumption and unit rating

Model		AC specs	30 min	1H00	1H30	2H00	4H00
						Wattage capacity	
Pictogram module	120/347VAC	Less than 1.5W	–	–	–	–	–
EAC-627	120/347VAC	0.15/0.05 A	27	16	11	9	–
EAC-640			40	23	16	13	–
EAC-1250	120/347VAC	0.25/0.09 A	50	29	21	16	8
EAC-1280			80	46	32	27	13

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Ordering information

Series	Faces/mounting	Colour	Power emergency lights	Heads
EAC= 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 **1250**= 12V-50W **1280**= 12V-80W	**Blank**= no heads **1**= one head **2**= two heads

Lamp style and wattage	Voltage	Options
Blank= no heads **LA**= MR16 LED, 6V-4W **LB**= MR16 LED, 6V-5W **LG**= MR16 LED, 12V-4W **LI**= MR16 LED, 12V-5W **LJ**= MR16 LED,12V-6W	**Blank**= 120/347VAC **-2**= 120/277 input	**D3**= time delay (15 minutes)[1] **D4**= arrow down 45° **D9**= arrow down **NEXRF**= wireless NEXUS® system interface[2] **-TP**= tamper-proof screws[3] **U**= auto-diagnostics[2] **U4**= arrow up 45° **U9**= arrow up **UN**= auto-diagnostics, non-audible[2]

[1]Available with auto-diagnostics or NEXUS® only
[2]Not available with 6V-72W. Not all options available with NEXUS® system interface. Please consult your sales representative.
[3]**990.0119-E**= tamper-proof bit (sold separately)

Example: EAC1W6272LAD3

EMERGI-LITE