

EHC Series

Pictogram exit combination unit – hazardous locations

Class I Division 2, Class II Div. 1 & 2, and Class III - compliant



Features

- Certified Class I Division 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Includes the addition of Class II Div. 1 & 2, Groups E, F and G and Class III
- Certified CSA C22.2 No.141-10
- Polyvinyl chloride frame, with built-in gasket to prevent water infiltration
- Heavy-duty 1/8" thick aluminum back plate with keyholes for wall-mount installation
- Sealed, vandal-resistant faceplate of polycarbonate
- Legend illuminated by long-life white LEDs
- Comes standard with two pictogram films for direction selection
- Two high-performance LED lamps shielded by a clear polycarbonate cover
- 5W LED emergency lights provide 60' of egress illumination on a 6-foot wide path
- LED emergency lights provide 30-36' of egress illumination on a 6-foot wide path
- Sealed, maintenance-free lead-calcium or nickel-cadmium batteries
- Remote load capacity: covers with LED lights 100 ft up to 230 ft of egress illumination
- Comes standard with auto-diagnostic
- Cold-weather option: -40°C (-40°F) with only 14W extra power consumption
- Advanced diagnostics capabilities (specific load requirements)
- **Warranty details at: www.emergi-lite.ca**



Typical specifications

Supply and install **Emergi-Lite® EHC Series** combination emergency light battery unit and pictogram sign. Designed specifically for hazardous locations, the equipment frame shall be of industrial grade polyvinyl chloride with gaskets around both sides of the frame contour. The back plate shall be made of 1/8" thick aluminum sheet and shall include knock-outs for installation on an electrical box and four keyholes for alternative installation on a wall surface. The faceplate shall be constructed of heavy-duty vandal-resistant clear polycarbonate and feature a uniformly illuminated pictogram legend.

The unit shall come standard with two legend films for pictogram and direction selection. The light source shall be long-life white light-emitting diodes (LED). The unit shall have attached a lower compartment containing two emergency heads with adjustable swivels and long-life LED lamps of _____ V and _____ W. The heads shall be installed on a shield housing made of cast aluminum and protected by a shock-absorbent, clear polycarbonate cover. The standard AC input voltage shall be 120/347VAC. The equipment shall be equipped with a magnetic test switch and one LED pilot light protected by the faceplate.

The unit shall perform auto-test functions managed by a micro-controller and shall automatically self-test for one minute every 30 days, 10 minutes in the 6th month and 30 minutes annually. When a fault is detected, the bi-color pilot light shall turn from green to red and flash following a particular code. The code description shall be displayed on a label next to the pilot light to identify the failure type: battery, charger circuitry, LED lights for the signage, or emergency lights. The combination unit shall be approved CSA C22.2 No. 141-10 and No.137-M1981 for Class I Division 2 Groups A, B, C and D.

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

Wire guards

Ordering code	Description
460.0078-E	Wall mount

Class I Div 2 family

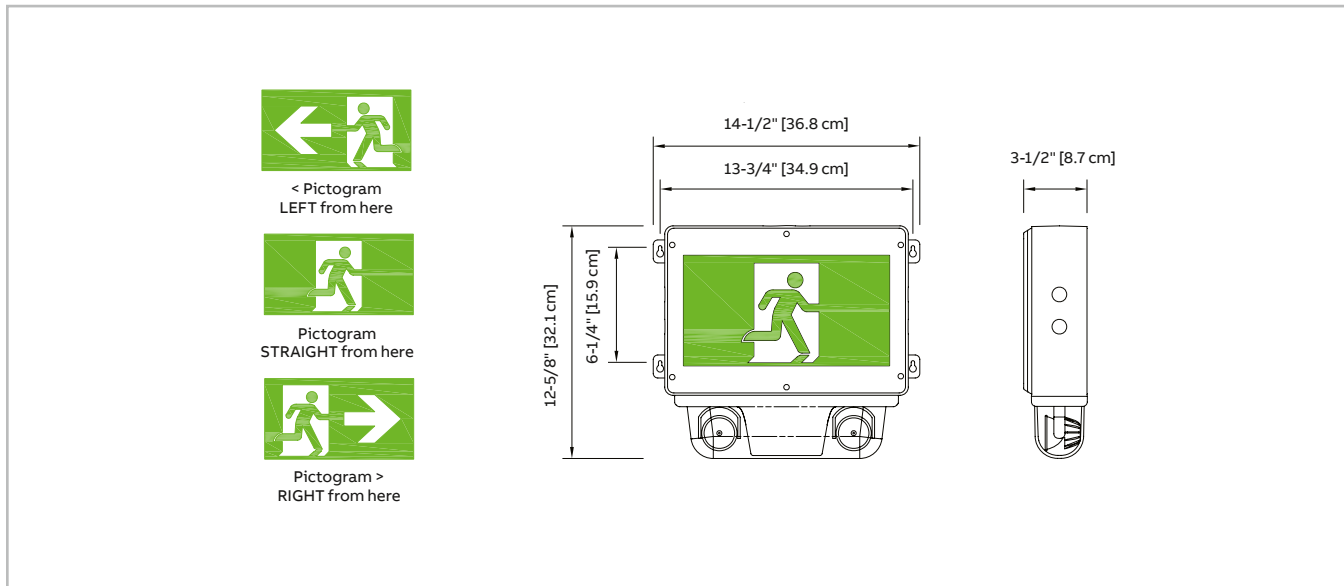


EHC Series

Pictogram exit combination unit – hazardous locations
Class I Division 2, Class II Div. 1 & 2, and Class III - compliant

Dimensions

Dimensions are approximate and subject to change.



Power consumption

Model	AC specs	Emergency power available for lamps					
		30 min	1H00	1H30	2H00	4H00	
Pictogram sign module	Less than 2.5W	-	-	-	-	-	
EHC-6L36	120/347VAC	0.10/0.03 A	36	21	15	12	-
EHC-6L36-CW		0.25/0.08 A	36	21	15	12	-
EHC-6N36	120/347VAC	0.10/0.03 A	36	30	20	16	8
EHC-6N36-CW		0.25/0.08 A	36	30	20	16	8
EHC-12N60	120/347VAC	0.18/0.06 A	60	40	30	20	10

Ordering information

Series	Housing colour	Battery type and power	Head style and wattage	Options
EHC= Class I Zone 2 pictogram combo	G= grey	6L36 = 6V-36W lead-calcium 6N36 = 6V-36W nickel-cadmium 12N60 = 12V-60W nickel-cadmium	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	-2 = 120/277/VAC input Blank = auto-diagnostics, non-audible CW = cold weather -40°C (only 6V units) D3 = time delay (15 minutes) NEXRF = wireless NEXUS® system interface ¹ U = auto-diagnostics, audible U9 = arrow up D9 = arrow down U4 = arrow up 45° D4 = arrow down 45°

Example: EHC6N36LA

¹Consult your sales representative.