



RHC SERIES

Pictogram Combo, Hazardous Locations: Class I Div 2, Class II Div 1&2 and Class III

TYPICAL SPECIFICATIONS

Supply and install **Ready-Lite[®] RHC 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 face plate.

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.141-15 and No.137-M1981 for Class I Division 2 Groups A, B, C and D, Class II Division 1&2 Groups E, F and G as well as Class III.

The combination unit shall be **Ready-Lite[®]** model: _____



TEMPERATURE CODES (CLASS I DIVISION 2)

LAMP RATING	TEMPERATURE CODE	MAX. TEMPERATURE	REPLACEMENT LAMP
6V-4W LED	T4A	120°C	580.0097-RL
12V-4W LED	T4A	120°C	580.0093-RL
12V-5W LED	T4A	120°C	580.0104-RL
12V-6W LED	T4	135°C	580.0106-RL

POWER CONSUMPTION

MODEL	AC SPECS	EMERGENCY POWER AVAILABLE FOR LAMPS				
		30MIN	1H00	1H30	2H00	4H00
Pictogram Sign Module	less than 2.5W	-	-	-	-	-
RHC-6L36	0.10/0.03 A	36	21	15	12	-
RHC-6L36-CW	0.25/0.08 A	36	21	15	12	-
RHC-6N36	0.10/0.03 A	36	30	20	16	8
RHC-6N36-CW	0.25/0.08 A	36	30	20	16	8
RHC-12N60	0.18/0.06 A	60	40	30	20	10

FEATURES

- Includes the addition of Class II Div 1&2 Groups E, F and G as well as Class III ratings
- Certified Class I Div 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Certified temperature Codes for several types of emergency lamps
- Certified CSA C22.2 No.141-15
- 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, polycarbonate vandal-resistant faceplate
- 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 ft of egress illumination on a 6-foot wide path
- 6W LED emergency lights provide 100 ft 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 200 ft up to 500 ft of egress illumination
- Comes standard with auto-diagnostic
- Cold-weather option: -40°C with only 14W extra power consumption
- Advanced diagnostics capabilities (specific load requirements)

See warranty details at: www.tnb.ca/en/brands/ready-lite

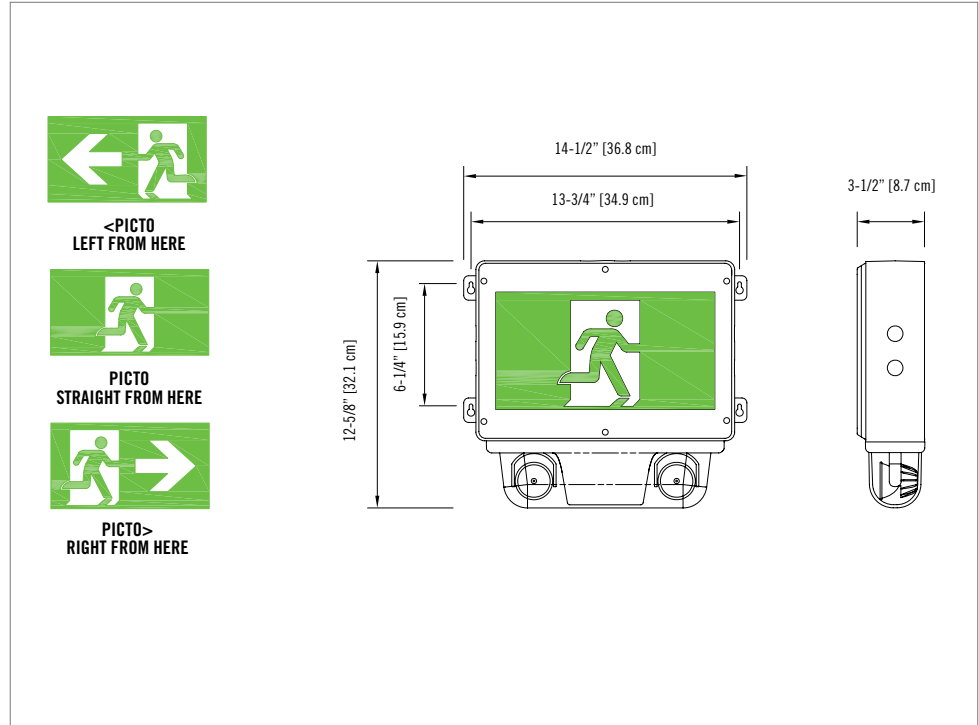


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DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

SERIES	HOUSING COLOUR	BATTERY TYPE AND POWER	HEAD STYLE AND WATTAGE	OPTIONS
RHC= pictogram combo	G= grey	6L36= 6V-36W, lead-calcium 6N36= 6V-36W, Ni-Cd 12N60= 12V-60W, Ni-Cd	Blank= no heads ¹ 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= auto-diagnostics, non-audible (standard) AD= auto-diagnostics, audible CW= cold-weather -40°C (only 6V units) D3= time delay (15 mins.) NEX= NEXUS® system interface ¹ NEXRF= wireless NEXUS® system interface ¹ U2= 120/277VAC input U9= Arrow Up D9= Arrow Down U4= Arrow Up 45° D4= Arrow Down 45°

¹ Remote load must be connected.

¹ Not all options available with NEXUS® System. Please consult your sales representative

EXAMPLE: RHCG12N60LD7