



## RH SERIES

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



### TYPICAL SPECIFICATIONS

Supply and install the **Ready-Lite® RH Series** of pictogram Exit Signs. The equipment shall be certified for Hazardous Locations: 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, with the temperature code T6 (maximum 85°C). The equipment frame shall be of industrial grade polyvinyl chloride with a gasket around lenses and canopy. The faceplate(s) shall be constructed of heavy-duty vandal-resistant polycarbonate and feature an even illuminated pictogram legend. Each face plate 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 pictogram Exit Sign shall operate with universal 2-wire AC input voltage of 120 to 347VAC at less than 2.5W and universal 2-wire DC input voltage from 6 to 24VDC at less than 1W for single and double face signs. The Self-Powered model shall include a concealed pilot light and magnet-sensitive test switch, shall use a sealed Nickel-Cadmium battery of 2.4V nominal voltage and shall stay illuminated during emergency operation for at least two hours upon AC failure. The Self-Powered model shall include auto-test functions: it shall execute automatic tests for 5 minutes every 30 days, 30 minutes every 60 days and two hours annually. When a fault is detected, the bi-colour pilot light shall turn from green to red and flash following a particular code. The code description shall be visible on a label next to the pilot light to identify the failure type: battery, charger circuitry, or LED lamps.

The pictogram Exit Sign shall meet or exceed the CSA 22.2 No.141-15 standard. The equipment shall be **Ready-Lite® Model:** \_\_\_\_\_.

### FEATURES

- Includes the addition of Class II Div. 1&2 Groups E, F and G as well as Class III ratings
- Compliant Class I Division 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Temperature Code T6 (maximum + 85°C) as per Canadian Electrical Code, Part I and CSA C22.2 No.137-M1981
- High-impact thermoplastic frame with built-in gasket to secure against liquid leaks
- Sealed, polycarbonate heavy-duty, vandal-resistant face plate(s)
- Concealed pilot light and test switch with magnetic action
- Long-life white LED light source
- Supplied standard with two pictogram films per face, for direction selection
- Meets or exceeds CSA 22.2 No.141-15 standard for pictogram Exit Signs
- Universal AC input: two-wire 120 to 347VAC; standard DC input: two-wire 6 to 24VDC
- Energy efficient – consumes less than 2.5W in AC or DC-remote mode
- Self-Powered models come standard with auto-diagnostic functions and deliver two hours of back-up legend illumination
- Suitable for cold-weather: -40°C for AC/DC and -20°C for Self-Powered models (option: -CW)

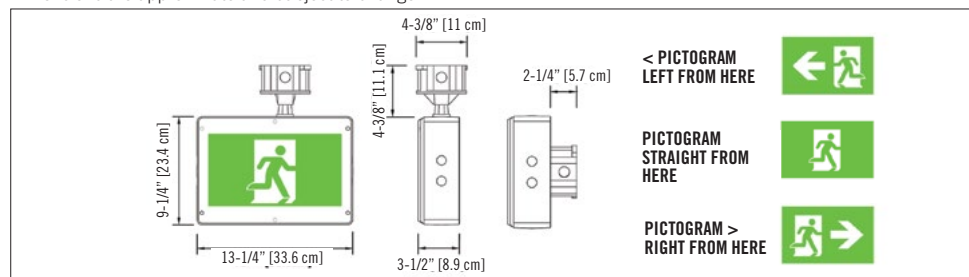
See warranty details at: [www.tnb.ca/en/brands/ready-lite](http://www.tnb.ca/en/brands/ready-lite)

### HAZARDOUS LOCATION FAMILY CLASS I, II AND III



### DIMENSIONS

Dimensions are approximate and subject to change.



### POWER CONSUMPTION

| MODEL               | AC SPECS      |                | DC SPECS               |                 |
|---------------------|---------------|----------------|------------------------|-----------------|
| AC-only             | 120 to 347VAC | less than 2.5W | -                      | -               |
| AC/DC standard      | 120 to 347VAC | less than 2.5W | 6 to 24VDC             | less than 1 W   |
| AC/Special DC       | 120 to 347VAC | less than 2.5W | 36, 48, 120VDC         | less than 2.5 W |
| two-wire 120V AC/DC | 120VAC        | less than 2.5W | 120VDC                 | less than 2.5 W |
| self-diagnostic     | 120/347VAC    | less than 3.5W | nickel-cadmium battery | min. two hours  |

### ORDERING INFORMATION

| SERIES                  | FACES <sup>1</sup>               | HOUSING COLOUR | VOLTAGE   | OPTIONS  |
|-------------------------|----------------------------------|----------------|---|--|
| RH= pictogram exit sign | 1= single face<br>2= double face | G= grey        | <b>2120</b> = 2-wires 120VAC/VDC<br><b>NEXRF</b> = wireless NEXUS® system interface, 120/347VAC <sup>1</sup><br><b>SPD</b> = Self-Powered, auto-diagnostic, non-audible, Ni-Cd, 120/347VAC<br><b>SPD2</b> = Self-Powered, auto-diagnostic, non-audible, Ni-Cd, 120/277VAC<br><b>U</b> = universal 120 to 347VAC; 6 to 24VDC<br><b>U00</b> = 120 to 347VAC only<br><b>U36</b> = 120 to 347VAC; 36VDC<br><b>U48</b> = 120 to 347VAC; 48VDC<br><b>U120</b> = 120 to 347VAC; 120VDC | <b>CW</b> = cold-weather (-20°C for SPD, SPD2 and NEXUS®, -40°C for universal model)<br><b>D4</b> = Arrow Down 45°<br><b>D9</b> = Arrow Down<br><b>U4</b> = Arrow Up 45°<br><b>U9</b> = Arrow Up |

<sup>1</sup> Ceiling or wall mount only.

<sup>1</sup> Not all options available with NEXUS® System. Please consult your sales representative

EXAMPLE: RH1GU