

Project/Location:

Contractor:

Date:

Prepared by:

RH Series

LED Pictogram Exit Sign for Hazardous Locations:

Class I Zone 2 Groups: IIA, IIB and IIC

Class I Division 2 Groups: A, B, C and D



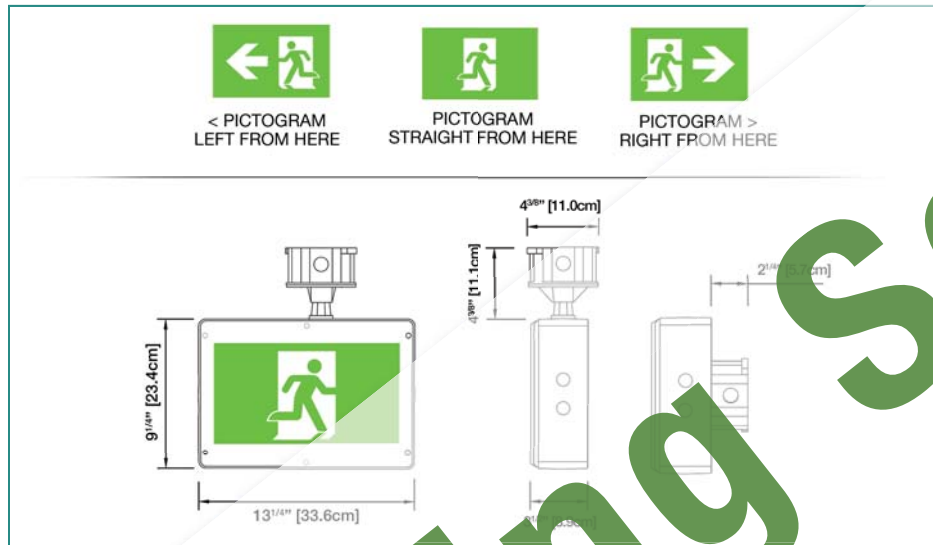
Typical Specification

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 with a 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 2.5 Watts and universal 2-wire DC input voltage from 6 to 24Vdc at less than 1 Watt 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 self-diagnostics 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.141-10 standard.

The equipment shall be **Ready-lite Model:** _____

Dimensions



Features

- Compliant Class I Division 2, Groups A, B, C and D as per CSA C22.2 No.137-M1981
- Class I Zone 2 Groups IIA, IIB, IIC
- Temperature Code T6 (maximum +85°C) as per Canadian Electrical Code, Part I and CSA C22.2 No.137-M1981
- High-impact thermo-plastic frame with built-in gasket to secure against liquid leaks
- Sealed, heavy-duty, vandal-resistant polycarbonate face plate(s)
- Concealed pilot light and test switch with magnetic action
- Long-life white LED light source
- Supplied standard with two pictogram legends per face, for direction selection
- Meets or exceeds CSA 22.2 No.141-10 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 2.5 Watts in AC or DC mode (note: self-powered models come standard with self-diagnostics functions and deliver two hours of backup legend illumination)
- Suitable for cold-weather: -40°C for AC/DC and -20°C for self-powered models (option: -CW)



nexus



Power Consumption

Model	AC Specs	DC Specs
AC-only	120 to 347Vac	Less than 2.5 W
AC/DC standard	120 to 347Vac	Less than 2.5 W
AC/Special DC	120 to 347Vac	6 to 24Vdc
Two-wire 120V AC/DC	120Vdc	Less than 1 W
Self-diagnostics	120 to 347Vac	Less than 2.5 W
		36, 48, 120Vdc
		120Vdc
		Ni-Cd battery
		Less than 2.5 W
		Less than 3.5 W
		Min. two hours

Ordering Information

Series	Face*	Housing Colour	Voltage	Options
Ready-lite Div.2 pictogram exit sign	1= single face 2= double face	G= grey	SPD= 120/347 Vac; self-powered / 2 hours c/w non-audible diagnostic SPD2= 120/ 277Vac; self-powered / 2 hours c/w non-audible diagnostic U= universal 120 to 347 Vac; 6 to 24 Vdc U00= 120 to 347 Vac only U36= 120 to 347 Vac; 36 Vdc U48= 120 to 347 Vac; 48 Vdc U120= 120 to 347 Vac; 120 Vdc 2120= 2-wire 120 Vac/Vdc	CW= cold-weather (-20°C for spwrld, -40°C for AC/DC) FA= fire alarm-activated flasher (AD model only) FB= flasher / buzzer in emergency mode (AD model only) NEX= NEXUS® system interface*

*Ceiling or wall mount only.

*Note: some options are not available with NEXUS® system

EXAMPLE: RH1GU

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

