

Project/Location:  
 \_\_\_\_\_  
 Contractor:  
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 Date:  
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 Prepared by:  
 \_\_\_\_\_

# PRE Series

## Die-Cast LED Exit Sign



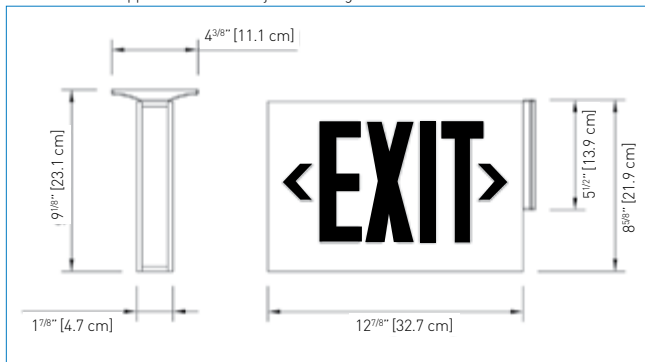
### FEATURES

- Housing of Die-Cast aluminum in a variety of finishes
- Slim-line canopy for top and end mounting
- Universal mounting or wall, end, or ceiling mounting
- Universal, field-selectable knock-out chevrons
- Long-life LED light source. Red LED's of **ALINGAP** technology
- Dual voltage input: 120/347VAC 60Hz
- Low power consumption: less than 3.5W in any configuration
- Self-Powered models with sealed maintenance-free Nickel-Cadmium batteries
- Meets or exceeds CSA 22.2 No. 141 requirements
- Five-year full warranty



### DIMENSIONS

Dimensions are approximate and subject to change.



### TYPICAL SPECIFICATIONS

Stylish, built of Die-Cast aluminum, the new **PRED Series** offers superior workmanship, versatile mounting capabilities and economical, long-lasting LED performance. Supply and install the **Emergi-Lite® PRED Series** Exit Sign. The frame, face plate(s), back plate and canopy shall be constructed of Die-Cast aluminum of \_\_\_\_\_ finish and \_\_\_\_\_ color. No screws are necessary to hold the faceplate(s) or the back plate to the housing. The unit shall be suitable for installation on wall, end, or ceiling mount. The faceplates shall come standard with knockout chevrons. The light source shall be light emitting diodes (LEDs). Red LED technology shall be **ALINGAP**. The LEDs shall provide illumination in normal and emergency operation and shall be mounted inside the exit housing, not on the face. An LED-sensitive diffuser shall be mounted in front of the LEDs to provide the 6" high by 3/4" stroke letters with even illumination. The Exit Sign in a Self-Powered configuration shall be equipped with a sealed, maintenance-free Nickel-Cadmium battery. The equipment shall operate with a dual-voltage input of 120/347VAC 60Hz with less than 3.5W of consumption. The equipment shall stay illuminated at least 90 minutes upon AC failure. The Exit Sign shall be listed to UL924 standard and be approved for use in damp locations. When specified, the Self-Powered model equipped with advanced diagnostic shall self-test by simulating a power failure for one minute every 30 days, 30 minutes every 60 days and 90 minutes every 360 days. A diagnostic circuit shall continuously monitor the performance of the battery, charger module and LED lamps. Upon failure detection the system shall display the error on the AC pilot lamp, which will change color from green to red and will flash with a specific code. The red light shall be steady-on in case of "Battery Disconnect"; it shall flash with one blink for "Battery failure", two blinks for "Charger failure" and four blinks for "LED lamp failure". A label with the diagnostic legend shall be visible next to the pilot light.

The Exit Sign shall be **Emergi-Lite®** Model: \_\_\_\_\_.

### POWER CONSUMPTION

| MODEL                        | AC SPECS   |                | DC SPECS               |                    |
|------------------------------|------------|----------------|------------------------|--------------------|
| AC only                      | 120/347VAC | Less than 3W   | -                      | -                  |
| AC/DC remote                 | 120/347VAC | Less than 3W   | 6 to 48VDC             | Less than 1.5W     |
| Self-Powered                 | 120/347VAC | Less than 3.5W | Nickel-Cadmium battery | Minimum 90 minutes |
| Self-Powered with diagnostic | 120/347VAC | Less than 3W   | Nickel-Cadmium battery | Minimum 90 minutes |

### ORDERING INFORMATION

| SERIES                     | ENCLOSURE COLOUR  | UNIT TYPE  | VOLTAGE   | LEGEND COLOUR  | OPTIONS   |
|----------------------------|---|--|---|--|---|
| <b>PRED</b> = LED Die-Cast | <b>A</b> = brushed aluminum<br><b>B</b> = black<br><b>BA</b> = black/ brushed aluminum<br><b>W</b> = factory white<br><b>WA</b> = white/ brushed aluminum | <b>AC</b> = AC only<br><b>AC2C1</b> = dual AC circuit (2 x 120V)<br><b>UD</b> = 120/277 or 120/347VAC & 6 to 48VDC<br><b>IDN</b> = self-powered diagnostic Nickel-Cadmium<br><b>IN</b> = self-powered NiCad<br><b>NEX</b> = NEXUS® system interface*<br><b>NEXRF</b> = NEXUS® wireless system interface* | <b>Blank</b> = dual AC circuit only<br><b>2</b> = 120/277VAC<br><b>3</b> = 120/347VAC | <b>G1</b> = single face green<br><b>G2</b> = double face green<br><b>R1</b> = single face red<br><b>R2</b> = double face red | <b>-TP</b> =tamper-proof screws*<br><b>-VRTP</b> = polycarbonate shield with tamper-proof screws*<br><br>* <b>990.0119-E</b> = tamper-proof bit (sold separately) |

EXAMPLE: PREDAAC2R1