



# RDE Series

## Die-Cast Aluminum Pictogram Edge-Lit Exit Sign

Project/Location: \_\_\_\_\_

Contractor: \_\_\_\_\_

Date: \_\_\_\_\_

Prepared by: \_\_\_\_\_

### Features

- Self-powered models provide minimum two hours of emergency lighting
- Die-cast Aluminum construction
- Modular design offers great choice of architectural profiles
- Universal die-cast back-box for surface or semi-recessed mounting on ceilings or walls
- LED strip module can be rotated in the unit for either wall or ceiling mount
- Flat die-cast trim plate and galvanized steel back-box for recessed ceiling mount
- Clear acrylic panel with pictogram legend
- Comes standard with double-face panels for use in single-face or double-face applications
- White LED light source
- Meets or exceeds CSA 22.2 No.141-10 standard for pictogram exit signs
- Universal AC input: two-wire 120 to 347Vac; universal DC input: two-wire 6 to 24Vdc
- Energy efficient – consumes less than 2.5 Watts (120 minutes)

### Typical Specification

Supply and install the **Ready-lite RDE series** of die-cast pictogram edge-lit signs.

When specified for surface mount, the unit shall come standard with a trim plate, trim ring, back box and canopy made of die-cast aluminum with \_\_\_\_\_ finish. The trim plate shall have a \_\_\_\_\_ profile and allow for wall- or ceiling-mount installation. The trim ring shall allow for semi-recessed installation in walls or ceilings with cavity. The canopy shall allow for wall, end, or ceiling mount.

When specified for recessed ceiling-mount, the unit shall come standard with a flat trim plate of die-cast aluminum with \_\_\_\_\_ finish, a back box of galvanized steel, and a hardware kit for back box installation between ceiling joists. The back box shall be provided with conduit knock-outs at the top, back and end.

All edge-lit units shall have the trim plate snap and lock in the housing with torsion spring retainers, thereby eliminating any visible screws or hardware. The legend shall be printed on a clear acrylic panel. The panel shall come standard with double-face legend, for single-face and double-face applications. The light source shall be long-life white light-emitting diodes (LED) and shall provide even illumination in normal and emergency operation. The edge-lit 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 2.5 Watts. The edge-lit sign in a self-powered configuration 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.

When specified, the self-powered unit shall include non-audible self-diagnostics functions, managed by a micro-controller: 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 a red flashing LED shall identify the failure type: battery, charger circuitry, or LED lamps.

The edge-lit sign shall meet or exceed the CSA 22.2 No.141-10 standard.

The equipment shall be **Ready-lite Model:** \_\_\_\_\_.



### 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	6 to 24Vdc	Less than 2.5 W
Self-powered	120 to 347Vac	Less than 3.5 W	Ni-Cd battery	Min. two hours
Self-powered diagnostic	120/347Vac	Less than 3.5 W	Ni-Cd battery	Min. two hours

### Ordering Information

Series	Faces / Arrow (Universal Mounting)	Colour	Trim	Voltage
RDE= die-cast edge-lit pictogram exit sign	2= universal two-face, no arrow A= universal two-face, arrow left-right	A= brushed aluminum B= black C= chrome P= polished brass W= factory white Z= bronze	A= angular C= circular F= flat (fully recessed)	AC= AC only, 120 to 347 Vac DC=120 to 347 Vac, 6 to 24 Vdc SP= Self-powered, 120 to 347Vac SD= Self-powered with non-audible diagnostic, 120/347Vac SD2= Self-powered with non-audible diagnostic, 120/277Vac U48= 120 to 347 Vac, 48 Vdc

EXAMPLE: RDE2WADC

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

