



LDE Series

Die-Cast Aluminum Pictogram Edge-Lit Exit Sign

Versatile, smooth finish, pictogram signage

PROJECT LOCATION _____

DATE _____

CONTRACTOR _____

PREPARED BY _____

LUMACELL MODEL _____

FEATURES

- Listed CSA 22.2 No.141-10
- Self-Powered models provide minimum 90 minutes 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 and double-face applications
- White LED light source
- Universal AC input: two-wire 120 to 347VAC; universal DC input: two-wire 6 to 24VDC
- Energy efficient – consumes less than 2.5 Watts in AC and DC-remote modes



TYPICAL SPECIFICATIONS

Supply and install the **Lumacell® LDE 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 90 minutes upon AC failure.

When specified, the Self-Powered unit shall include non-audible auto-test 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 be listed CSA 22.2 No.141-10.

The equipment shall be **Lumacell®** Model: _____.

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 2.5W
Self-Powered	120 to 347VAC	Less than 3.5W	Nickel-Cadmium battery	Minimum 90 minutes
Self-Powered diagnostic	120/347VAC	Less than 3.5W	Nickel-Cadmium battery	Minimum 90 minutes

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

PROJECT _____
 LOCATION _____
 DATE _____
 CONTRACTOR _____
 PREPARED BY _____
 LUMACELL
 MODEL _____

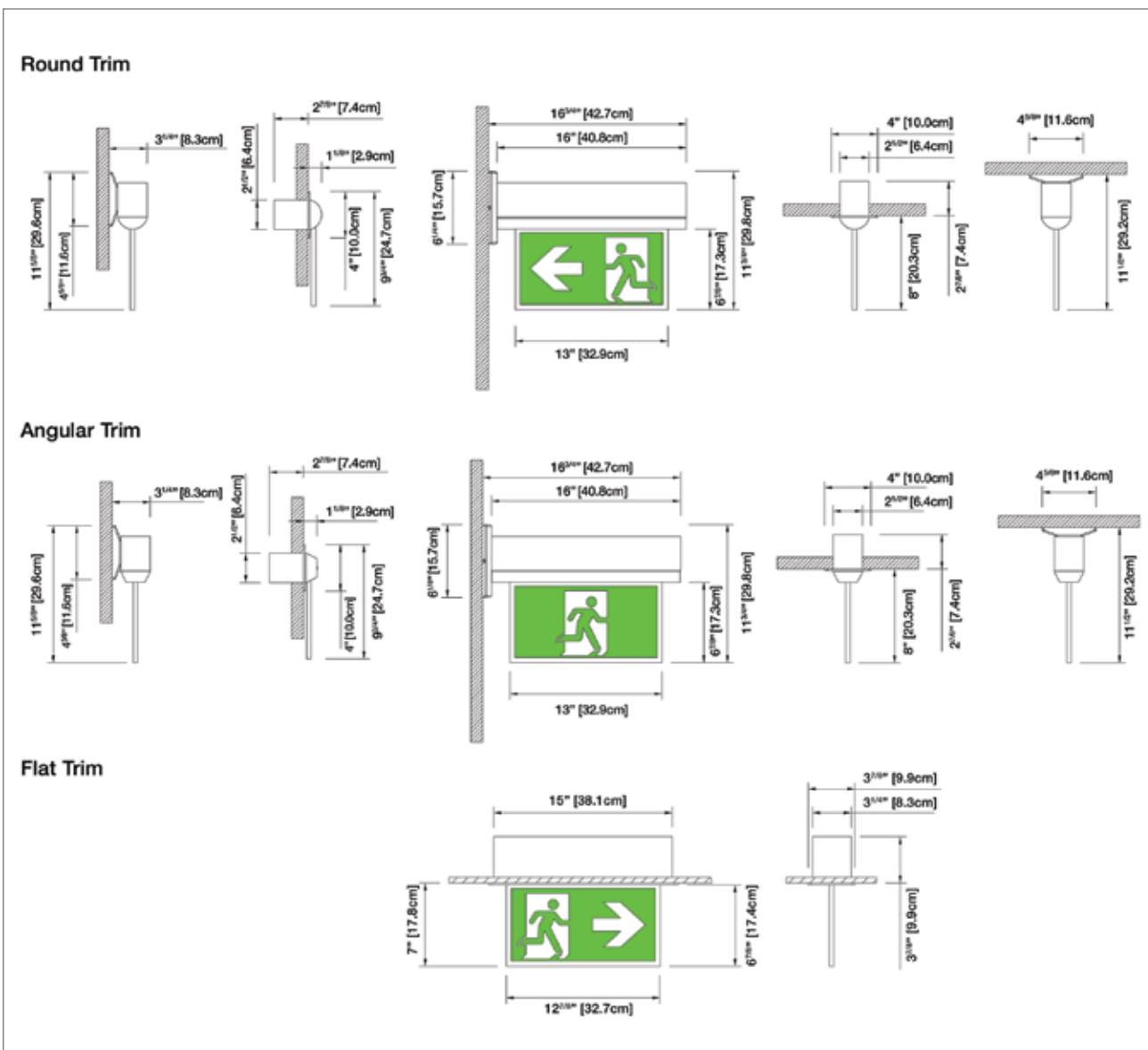
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DIMENSIONS



ORDERING INFORMATION

SERIES	FACES / ARROW (UNIVERSAL MOUNTING)	COLOUR	TRIM	VOLTAGE
LDE= die-cast edge-lit pictogram exti 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 347VAC ACD= 120 to 347VAC, 6 to 24VDC 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 347VAC, 48VDC

EXAMPLE: LDE2ACSP

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