



LDE Series

Die-Cast Aluminum Pictogram Edge-Lit Exit Sign



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
- Long-life white LED light sources is warrantied for ten (10) years
- Universal AC input: two-wire 120 to 347VAC; universal DC input: two-wire 6 to 24VDC
- Energy efficient – consumes less than 2.5W in AC and DC remote modes
- Special wording available (CSA 22.2 No. 250.0)
- Meets or exceeds CSA 22.2 No. 141-15

See warranty details at: www.tnb.ca/en/brands/lumacell

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 2.5W and universal 2-wire DC input voltage from 6 to 24VDC at less than 2.5W. 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 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 120 minutes 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 CSA 22.2 No. 141-15 certified.

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

POWER CONSUMPTION

MODEL	AC SPECS		DC SPECS	
	Input Voltage	Power Consumption	Input Voltage	Runtime
AC-only	120/347VAC	Less than 2.5 W	-	-
AC/DC standard	120/347VAC	Less than 2.5 W	6 to 24VDC	Less than 2.5 W
Self-Powered	120/347VAC	Less than 3.5 W	Nickel-Cadmium battery	120 minutes
Self-Powered diagnostic	120/347VAC	Less than 3.5 W	Nickel-Cadmium battery	120 minutes

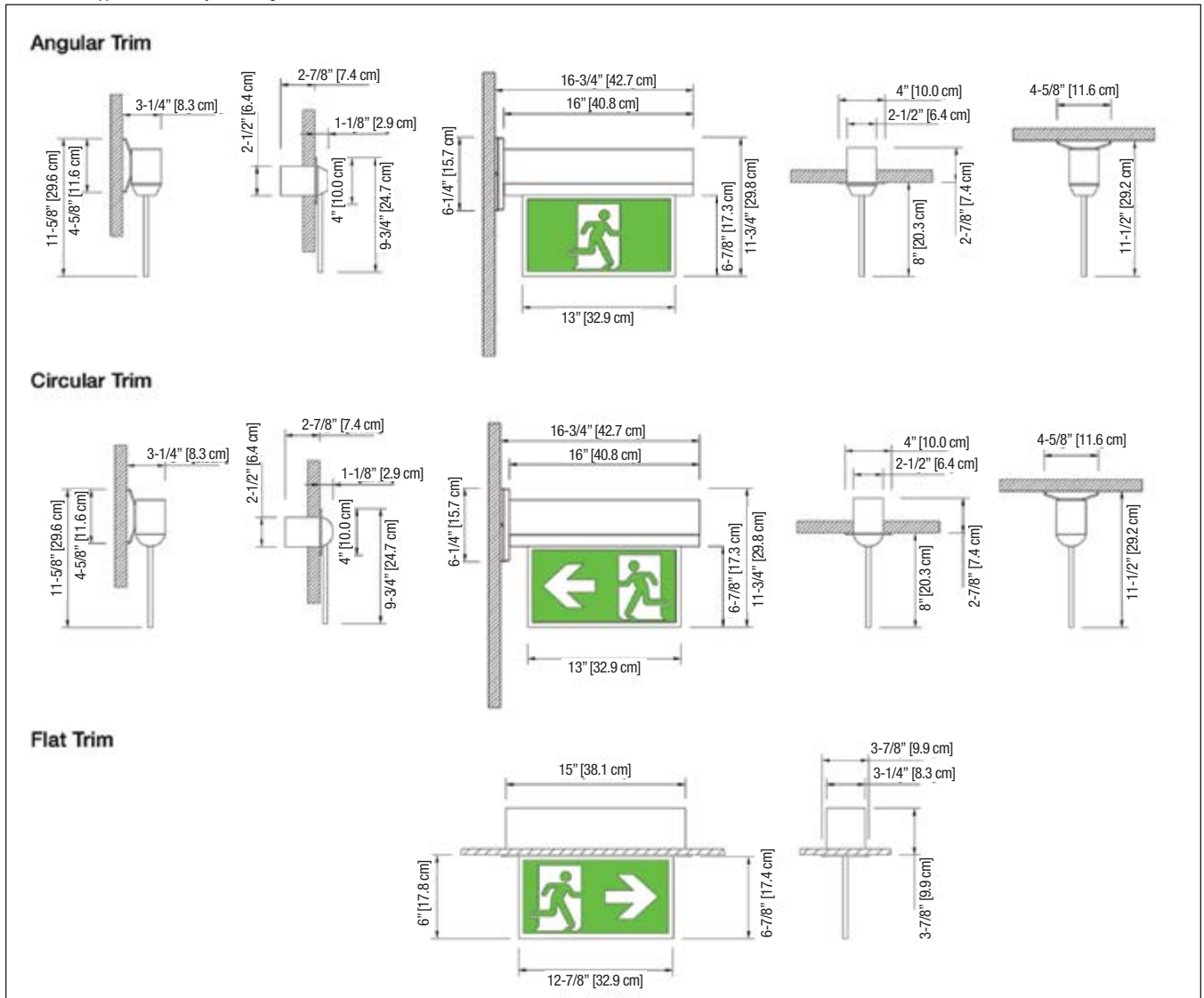
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DIMENSIONS

Dimensions are approximate and subject to change.



ORDERING INFORMATION

SERIES	FACES/ARROW	HOUSING COLOUR	TRIM	VOLTAGE	OPTIONS
LDE = Die-Cast Edge-Lit pictogram exit sign	1= single face, no arrows L= arrow left, single face R= arrow right, single face A= double face, arrow left or right Blank = special wording _U9= arrow up* _D9= arrow down* _U4= arrow up 45°* _D4= arrow down 45°* * Indicate 1 or 2 faces	A = brushed aluminum B = black C = chrome 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 option U48 = 120 to 347VAC, 48VDC SP = Self-Powered, 120 to 347VAC SD = Self-Powered (non-audible), 120/347VAC SD2 = Self-Powered (non-audible), 120/277VAC NEX = NEXUS® system interface* NEXRF = wireless NEXUS® system interface*	LP = panel shipped separately X = backbox shipped separately

EXAMPLE: LDE1ACSP

*Note: Contrary to Exit Signs, the unit is not available in double arrow configuration.