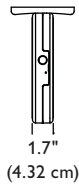
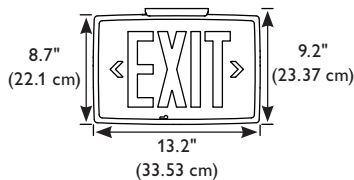


LC Cast Series

Die Cast Aluminum LED Exit with Self-Diagnostics

Page 1 of 2

LCN1RWSD2



Features

Illumination: Illumination of the stencil face is accomplished with long-lasting, high-output Light Emitting Diodes (LEDs). Hot spots and striations are eliminated by the internal “light chamber” allowing for even illumination in normal and emergency situations. Average legend illumination levels exceed 25fl (79 cd/m²) during normal and emergency operation.

Housing: Two-piece die cast aluminum construction with NFPA-compliant field-selectable chevrons. Housing and stencil face castings are available with durable epoxy-based powder coat paint or brushed aluminum finishes. A positive latching exit stencil face provides secure closure yet is easily accessible for installation, maintenance, and inspection.

Operating Temperature

Range: AC-Only Models
-40°F (-40°C) to 104°F (40°C)
Self-Powered Models -
Standard Location
65°F (19°C) to 85°F (30°C)
Self-Powered Models - Damp
Location
32°F (0°C) to 104°F (40°C)

Diagnostic Electronics

(standard): 120/277 VAC dual voltage input with surge protection is standard on all AC models. For emergency operation, the charging system is microprocessor driven with software embedded diagnostic routine and temperature compensation. 120/277 VAC input, surge protection, brownout, AC lockout and low voltage disconnect features are standard.

Self-Testing Diagnostics

(optional): The diagnostic/charging platform with self-testing mode automatically runs a one-minute self-test every 30 days and a 30-minute test on the sixth and twelfth month. A one-minute or 90-minute test may be initiated via the push to test switch on the unit or by activating the appropriate test command on the optional IR test device.

Battery:

Maintenance-free, sealed nickel cadmium battery supplies a minimum of 90 minutes of power in the emergency mode with an estimated service life of 10 years.

Code Compliance

UL 924 and optional UL damp location listed. NEMA Premium certified. NFPA 101, NEC, BOCA, OSHA and IBC illumination standards. Certified to the California Energy Commission in accordance with California law.

Warranty

Five year full electronics warranty. Five year full plus five year pro-rated battery warranty.

Job Information Type:

Job Name:

Cat. No.:

Notes:

PHILIPS
LIGHTOLIER

LC Cast Series

Die Cast Aluminum LED Exit with Self-Diagnostics

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Ordering Information

LC	Battery	Face Options	Letter Color	Stencil Face/Housing Color	Model Designator	Factory Installed Options ¹
Series						
LC = LC Series	A = AC Only	1 = Single	R = Red	W = White Stencil Face w/ White Housing	Blank = AC Only	2CKT1 = 120/120 VAC Two Circuit (AC only models)
Die Cast LED	N = Nickel	2 = Double	G = Green	B = Black Stencil Face w/ Black Housing	SD2 = Diagnostic Electronics (emergency models only)	2CKT2 = 277/277 VAC Two Circuit (AC only models)
Exit	C = Cadmium	U = Universal Two Faces, Backplate and Canopy		WA = Brushed Aluminum Face w/ White Housing		BF = Buzzer/Flasher (emergency units only)
				BA = Brushed Aluminum Face w/ Black Housing		BZ = Buzzer (emergency units only)
				N = Brushed Aluminum Face w/ Natural Aluminum Housing		DC = 12-48 VDC Input (AC only models)
						DL = Damp Location Listing 0°C to 40°C
						EX = Special Input Transformer (specify voltage and frequency)
						FA = Fire Alarm Activated Flasher
						FL = Emergency Mode Flasher (emergency units only)
						PM = Pendant Mount Only (must order pendant kit accessory)
						SW = Special Wording/Graphics ²
						T = Self-Testing Diagnostics (non-audible)
						TA = Audible Self-Testing Diagnostics
						TP = Tamperproof Hardware and Bit
						VRS = Vandal Resistant Lens with Tamperproof Hardware and Bit

Accessories (order as a separate item)

CPKIT12W = Pendant Kit, 12" White, Includes Exit Adapter Plate

CPKIT12B = Pendant Kit, 12" Black, Includes Exit Adapter Plate

SDREMOTE = Infrared Remote Test Device

T15PTOOL = Tamperproof Screwdriver

PCS1 = Polycarbonate Vandal Shield

WG4 = Wire Guard, Surface Wall Mount

WG10 = Wire Guard, End Mount

Note

1) Some option combinations may impact UL listing. Consult factory for specifics.

2) Requires 'open-face' design.

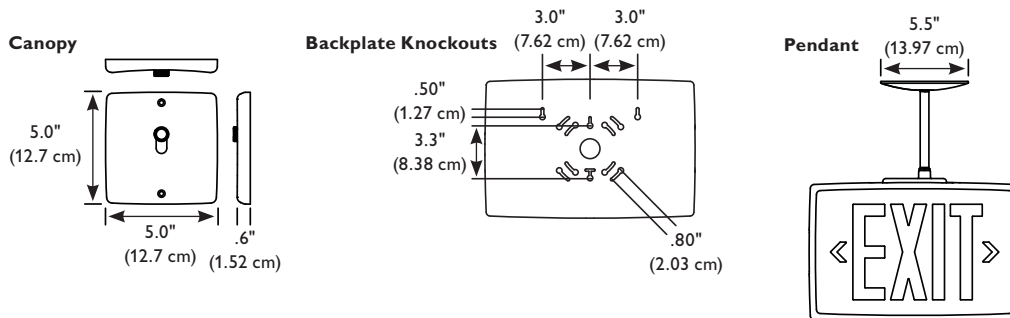
Electrical Specifications:

AC Only Red: 0.032 A (120 VAC) PF 0.94, 0.015 A (277 VAC) PF 0.94

AC Only Green: 0.035 A (120 VAC) PF 0.92, 0.016 A (277 VAC) PF 0.92

Self-Powered Red: 0.039 A (120 VAC) PF 0.94, 0.018 A (277 VAC) PF 0.94

Self-Powered Green: 0.040 A (120 VAC) PF 0.94 0.018 A (277 VAC) PF 0.94



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LC Cast Series May 25, 2012

Specifications are subject to change without notice.

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Job Information Type: