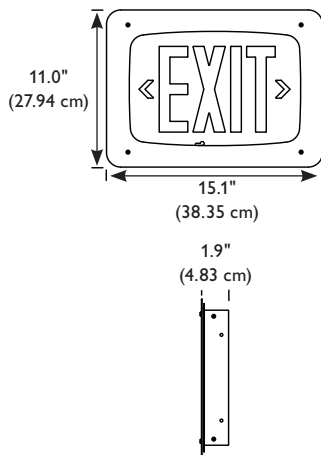


# LC Cast Series - Recessed

## Die Cast Aluminum LED Exit with Self-Diagnostics

Page 1 of 2

### LCN1RWFRWSD2



### 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/m<sup>2</sup>) 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. The exit is secured in an 18 gauge recessed backbox by means of a powder painted trim plate and vandal resistant lens.

### 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 - Recessed

## Die Cast Aluminum LED Exit with Self-Diagnostics

Page 2 of 2

### Ordering Information

<b>LC</b>		<b>1</b>					
Series	Battery	Face Options	Letter Color	Stencil Face	Trim Frame	Model Designator	Factory Installed Options <sup>1</sup>
<b>LC</b> = LC Series Die Cast LED Exit	<b>A</b> = AC Only <b>N</b> = Nickel Cadmium	<b>1</b> = Single	<b>R</b> = Red <b>G</b> = Green	<b>W</b> = White Stencil Face <b>B</b> = Black Stencil Face <b>N</b> = Brushed Aluminum Face	<b>FRW</b> = White Trim Frame <b>FRB</b> = Black Trim Frame	<b>Blank</b> = AC Only <b>SD2</b> = Diagnostic Electronics (emergency models only)	<b>2CKT1</b> = 120/120 VAC Two Circuit (AC only models) <b>2CKT2</b> = 277/277 VAC Two Circuit (AC only models) <b>BF</b> = Buzzer/Flasher (emergency units only) <b>BZ</b> = Buzzer (emergency units only) <b>DC</b> = 12-48 VDC Input (AC only models) <b>DL</b> = Damp Location Listing 0°C to 40°C <b>EX</b> = Special Input Transformer (specify voltage and frequency) <b>FA</b> = Fire Alarm Activated Flasher <b>FL</b> = Emergency Mode Flasher (emergency units only) <b>SW</b> = Special Wording/Graphics <b>T</b> = Self-Testing Diagnostics (non-audible) <b>TA</b> = Audible Self-Testing Diagnostics <b>TP</b> = Tamperproof Hardware and Bit

#### Accessories (order as a separate item)

**SDREMOTE** = Infrared Remote Test Device

**T15PTOOL** = Tamperproof Screwdriver

#### Note

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

### 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 - Recessed May 25, 2012

Specifications are subject to change without notice.

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<b>Job Information</b>	<b>Type:</b>
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