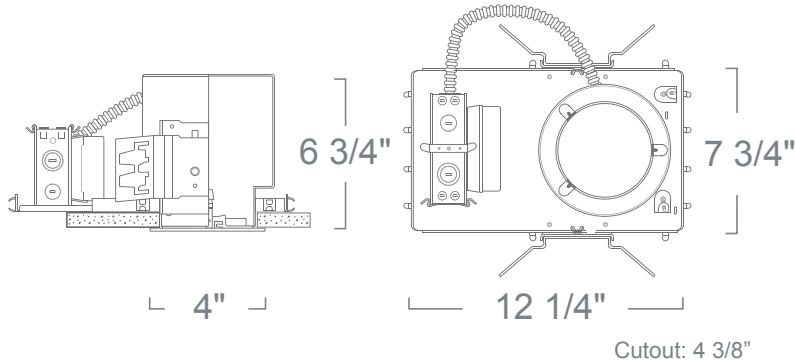


## LHJLD415C50EMA - 3.5" EMERGENCY DOWNLIGHT - 1200LM ARCHITECTURAL EMERGENCY FIXTURE



### SPECIFICATION

19W 120V/277V

**Application:** High-output architectural-grade miniature recessed LED downlight housing for low to medium height ceilings in commercial and architectural applications. Spacious housing allows generous adjustment of the trim. A variety of trims, styles and finishes are available to achieve desired decor and illumination.

**Housing:** Pre-wired housing adjusts up to a 1 1/4" ceiling thickness. Integral thermal protector to guard against improper lamping and installation. Trim is secured with torsion wing springs.

**Mounting:** Housing suitable for new construction installations only, Bat-Wing bar hanger brackets adjust vertically 3 1/4" for multiple ceiling types and accepts 1/2" EMT. 26" C-Channel Strut for T-bar ceilings and 27" adjustable linear hanger bars for plaster ceilings or wood/metal joists. Heavy duty 16-gauge, die-formed galvanized steel. Bar hangers optional.

**Driver:** 120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on large access Junction Box. Power Factor > 0.90. Operating Temperature: -10°C to +80°C. Accessible from above or below ceiling.

**Emergency:** Emergency LED Battery Back-Up integrally mounted inside fixture for unobtrusive design illuminates during normal power to blend in with other AC Only Architectural Luminaires. Upon failure of normal utility power, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Level A Sound Rating. Battery Operates @ 0°C to 40°C Ambient (32°F to 104°F). Battery re-charge within 24 hours. The battery is a maintenance-free, environmentally friendly Lithium Iron Phosphate with 50,000 hour life.. A low voltage battery disconnect feature protects the battery from severe damage during prolonged power failures. Self-diagnostic feature monitors LED status, emergency LED driver circuit, battery capacity and charger function and displays any fault detection via test switch.

Transient surge protection device on AC input. (Line-Neutral 1kV, Line & Neutral-Ground 3kV.) Short Circuit/Overload and Over Temperature Protection.

**Test Switch:** Exposed Illuminated push test switch easily accessible from front of fixture. Blinking LED indicates fixture fault to alert maintenance. Manual testing is available at any time using the push-to-test button.

**Junction Box:** 16 gauge pre-wired galvanized steel double Junction Box, 64 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (10) 3/4", (2) 1" and (8) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard die-cast aluminum fitting for flex-conduit.

**Caution:** LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty.

**Power Connection:** LED lamp array is replaceable via on board quick disconnect terminal. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

**Lumen Maintenance:** Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

**Thermal Management:** Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

**Thermal Temperature:** Heat dissipation facilitated by exposed integral aluminum heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35 degree celsius to achieve minimum L70 life of 50,000 hours according to LM80 standard.

**Warranty:** Covered by a 5 Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C, installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

**Safety Labels:** ETL/cETL listed to UL1598 and UL8750. Suitable for damp and wet locations. NYC approved: Calendar #41937.

**Reflector Finish:** Available in All White, All Black, All Natural Metal and Satin Reflector/White Ring.

**Beam Spread:** Available in 45° Flood and 60° Wide Flood.

**LED:** Available in 3000K, 2700K, 3500K and 4000K.

**Benefit:**

- Illuminated Self-Diagnostic LED test switch
- Ready2Ship - Ships Same Day
- Heavy Duty Self-Flanged Reflector
- 750Lm delivered during emergency operation

**FEATURE:**



ORDERING EXAMPLE : LHJLD415C50EMA-D10/LR4LH21W-L12-B60-T27

LHJLD415C50EMA	DIMMING	REFLECTOR FINISH	BEAM SPREAD	LED
LHJLD415C50EMA	Blank :None	/LR4LH21W-L12 :All White	Blank :45° Flood	Blank :3000K
-D10	:0-10V	/LR4LH21BB-L12 :All Black	-B60 :60° Wide Flood	-T27 :2700K
		/LR4LH21N-L12 :All Natural Metal		-T35 :3500K
		/LR4LH21SW-L12 :Satin Reflector/White Ring		-T40 :4000K