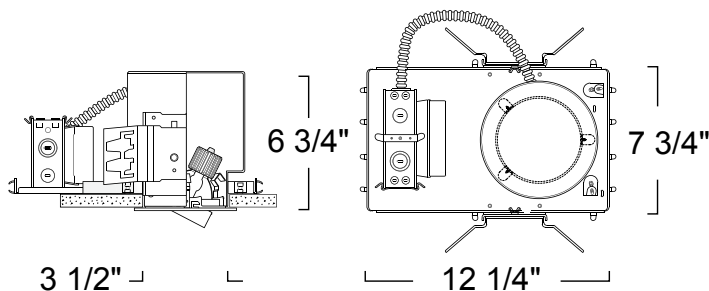


## 3" 12W/600Lm Mini-Arc LED Housing w/ LED 12W Gimbal

### 3" MINI-ARC LED LIGHTING



#### SPECIFICATION

Ceiling cut-out: 3 7/8"

**Application:** High-output architectural-grade miniature recessed LED downlight housing for low to medium height ceilings in commercial and architectural applications. 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 Methods:** For New Construction Only. Includes Bat-Wing Hanger Bar Brackets that adjust vertically 3-1/4" to accommodate different ceiling types and accepts 1/2" EMT, 26" C-Channel Strut for T-bar and 27" adjustable linear hanger bars for plaster ceilings or wood/metal joists. Also includes (2) 24" adjustable hanger bars with 90° repositioning ability with 3/4" nail-less install serrated barbed studs and captive nails for wood joists. Set screws lock into position and prevent shifting after installation, Earthquake structural cable ready.

**Driver:** Electronic Direct Current LED driver integrally mounted in electric junction box.

**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.

**Junction Box :** 16 gauge pre-wired galvanized steel Junction Box, 32 cubic-inch for a maximum of (8) #12 AWG wires. Furnished with (7) 3/4" and (4) Romex knock-outs. Strain clamps to install or remove covers for easy access and ground wire. Equipped with safety standard fitting for flex-conduit.

**Insulation Contact:** Energy Efficient LED housing comes standard with IC rating for direct contact with loosefill blown and rolled insulation.

**Dimming:** 0-10V dimming option (-D10) works with most 5-Wire 0-10V dimmers. UniDim™ (-DUN) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

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

Label: cETL Listed

Made in USA

#### FEATURE:



**Application:** High-output miniature architectural-grade LED gimbal trim for commercial and high-end residential applications. Easily accent objects and illuminate walls to enhance the mood and ambience of a space. Trim ring constructed of heavy-duty die-cast aluminum.

**Optics:** Interchangeable optics allow polycarbonate lens to be changed in the field to modify beam spread. No tools required."

**Gasket:** Supplied with gasket to prevent light leakage and unsightly heat streaks on ceiling surface.

**Mounting:** Steel pressure springs mounted on trim to ensure positive retention inside housing.

**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.

**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.

Label: cETL Listed

Made in USA

#### 3" 12W/600LM MINI-ARC LED HOUSING

LHJLD3 12W Max LED

WATTAGE	OPTIONS
LHJLD312C35 :12W	Blank :120V Non-Dimming
	-DIN :120V Incandescent Dimming
	UE :120V/277V
	UE-D10 :120V/277V 0-10V
	UE-DHL :Hi-Lume Dimming (120V/277V)
	UE-DUN :120V-277V (ELV/0-10V Universal Dimming)*
	-EM :Remote 5W Emergency**

\* Available November 2014. \*\* Above ceiling access required for EM option.

#### LED 12W GIMBAL

LR3LH88 12W Max LED

FINISH	BEAM SPREAD	LED
LR3LH88W :White	Blank :45° Narrow Flood	Blank :3000K
LR3LH88B :Black	-B25 :Spot*	-T27 :2700K**
LR3LH88N :Natural	-B60 :60° Wide Flood	-T27-C90 :2700K 90+ CRI**
		-T35 :3500K**
		-T40 :4000K**

\* Extended lead time may apply. Consult Factory. Available in August 2014.  
\*\* Extended lead time may apply for quantities over 100

Ordering example: LHJLD312C35UE-DUN/LR3LH88N