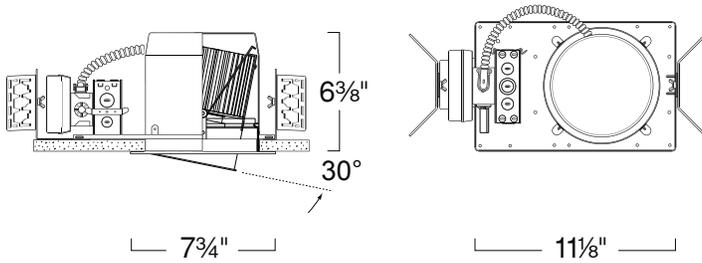


LHBLD625 - 6" ADJUSTABLE LED 6" ARCHITECTURAL ADJUSTABLE (1400/2000/3000 LUMEN GEN 2)



SPECIFICATION

Ceiling cut-out: 6 3/8"

Application: Specification-grade adjustable recessed LED downlight trim for commercial and architectural applications. Made of heavy duty die-cast aluminum for reliable aiming and a long life. Easily adjust beam direction to illuminate virtually any task area.

Housing Frame: 16 gauge galvanized plaster ring with powder coat finish, six friction clips secure trim to housing for ceilings up to 1 3/4" thick. Triple slot bat-wing hanger brackets accommodate multiple bar hanger systems.

Mounting: Housing suitable for new construction installations only, Bat-Wing bar hanger brackets adjust vertically 3 1/4" for multiple ceiling types and accept 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. Steel V-Spring allows for easy installation of Heat-Sinked LED trim.

Driver: 120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on large access Junction Box. Input current 0.50 Amps at 115VAC. Power Factor > 0.90 Operating Temperature: -30°C to +80°C. Accessible from above or below ceiling. Consult factory for compatible dimmers. See ordering guide for dimming options.

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.

Insulation Contact: Non-IC rated housing must be kept 3" from insulation.

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.

Emergency Option: Remote Emergency Battery Back-up for minimum 90 minute operation. Mounted adjacent to fixture during installation. Remote test switch, plate cover and junction box included. See ordering guide for battery operated wattage. Damp location rated. 120V/277V AC operation.

Warranty: Covered by a 5 year warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 40° degrees Celsius. Doing so will significantly reduce lamp life and void the warranty.

Safety Labels: ETL/cETL listed. Suitable for dry and damp location. NYC approved: Calendar #41937.

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, finned heat sink design for maximum heat rejection to provide long LED life.

Trim Mounting: Trim is held in place with two stainless steel V-springs for a tight, comfortable fit and easy access to housing for lamp and electrical maintenance.

Trim Adjustability: Solid die-cast trim design provides 30 degrees of adjustment in either direction and 358 degrees rotation allowing aiming of the beam in almost any downward direction.

Dimming: 0-10V dimming option (-D10) works with most 5-Wire 0-10V dimmers. Available with 1% Deep Dimming Option. Factory qualified for use with Leviton IP710-DLX and Lutron NTFTV-WH. The Lutron Hi-Lume (-DHL) and Ecosystem (-DEC) option designed for use with LUTRON Ecosystem Controls. Uni-Dim™ (-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.

LED: Available in 2700K*, 2700K, 90+ CRI*, 3000K, 3500K* and 4000K*. LEDs binned to within 3-Step MacAdam Ellipses (SDCM) and surpasses the ANSI C78 377A standard for color deviation. Standard in 3000K, 80 CRI only.

FEATURE(S):



ARCHITECTURAL HOUSING

	Driver Type	Accessories
LHBLD625	C070UE :None	/C260 :26" C Channel
	C070UE-D10 :0-10V 10% Dimming	/L270 :Linear Hanger Bar Set
	C070UE-DHL :Lutron HiLume	/C260-J :Adjustable 26" C Channel
	C070UE-DUN :UniDim™ Universal Dimming	
	C070UE-D10P1 :0-10V 1% Dimming	
	C070UE-DLI :DALI Dimming	
	C070UE-DEC :Lutron Ecosystem	
	C070UE-EM :Emergency (10W)	

TRIM - LR6L88

Driver Type	Beam Spread	LED
W101 :White (1400 Lumen)	Blank :Narrow Flood	Blank :3000K
B101 :Black (1400 Lumen)	-B30 :Spot	-T27 :2700K*
W150 :White (2000 Lumen)	-B60 :Wide Flood	-T35 :3500K*
B150 :Black (2000 Lumen)		-T40 :4000K*
W240 :White (3000 Lumen)		-T27-C90 :2700K, 90+ CRI*
B240 :Black (3000 Lumen)		

*Extended lead time may apply for quantities over 100.

► Ordering Example: LHBLD625C070UE-D10 / LR6L88WF101