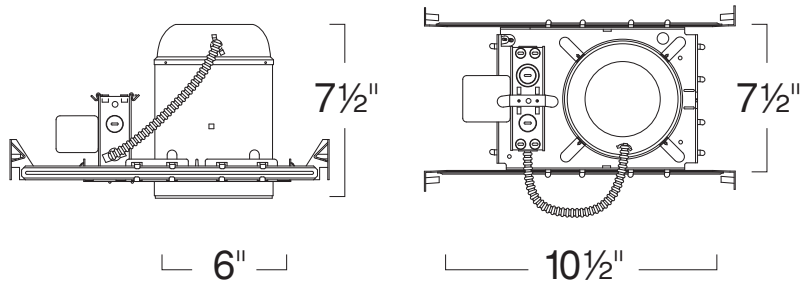


LHLD6 - 6" LED HOUSING (10W/15W) 6" LED HOUSINGS (6 LED SERIES)



SPECIFICATION

10W/15W LED

Application: This energy efficient General Purpose recessed LED housing is perfect for low to medium height ceilings in residential and light commercial applications. A variety of trim styles, finishes, beam spreads and wattages are available to achieve a desired look and lumen output.

Mounting: Housing suitable for new construction installations only, supplied with (2) 24" adjustable hanger bars with 90 degrees repositioning ability. Hanger bars equipped with nail-less install 3/4" serrated barbed studs and with captive nails, for faster and easier secure mounting in wood joists. Set-screws lock into position and prevent shifting after installation. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceilings.

Power Connection: LED heat sinked lamp module is replaceable via onboard quick exclusionary disconnect terminal. No tools required. Meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Driver: Electronic Direct Current U.L. Listed driver mounted away from LED Array for cool operation and end-of-life modularity. Comes standard with 120VAC input and available with optional 120V/277V universal voltage input.

Dimming: Dimming option smoothly dims down as low as 10% of initial light output with flicker-free operation. *Incandescent* dimming option (-DIN) works with standard Incandescent dimmers. Factory qualified for use with LUTRON Brand Dimmers: S600PR, DVSCCL-153P & DV600PR as well as Leviton# IP106-600W. *Low Voltage* dimming option (-DLV) works with standard Electronic Low Voltage Dimmers. Factory qualified for use with LUTRON Brand Dimmers: SELV-300P, DVELV-300P, NELV-450 along with 3-Way versions. (-DLV) Dimming Option also compatible with Grafik Eye and Home Works Dimming Interfaces.

Emergency Option: Emergency LED Battery Back-up available, remotely mounted adjacent to housing by installer. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch, plate cover and junction box included. Optional Generator Transfer Device switches the driver to auxiliary generator power during the loss of normal AC power, (recommended for applications requiring individual circuit switching).

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.

Airflow: Airtight option is designed to restrict air flow from room into plenums in compliance to the WSEC - Washington State Energy Code, (Less than 2.0 CFM -Cubic Feet per Minute). Complies to Title24 air flow requirements (Air-tight).

COMPATIBILITY

 LRLD621 6" AMBER LED DOWNLIGHT	 LRLD649 6" REGRESSED DECO LED CONE	 LRLD642 6" DECO FROST LED DOME
 LRLD678 6" ADJUSTABLE LED GIMBAL	 LRLD671 6" LED WALL WASH/ SLOPED	 LRLD693 6" DEEP LED BAFFLE
 LRLD677 6" OPEN HEAT SINK LED GIMBAL	 LRLD621 6" DEEP LED REFLECTOR	

Note: Wattage limitations on compatible items must be met.

Safety Labels: ETL/CETL listed. Suitable for damp locations. NYC approved: Calendar #41937.

Warranty: Covered by a 3 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.

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

Ceiling Type: Suitable for flat and sloped ceilings.

Driver Type: Available in 120V, (120V/277V) 0-10V Dimming*, (120V/277V) Hilume Dimming*, 120V/277V* and ELV Dimming.

Label: cETL Listed

FEATURE:



ORDERING EXAMPLE : LHLD610C50-DHL-EM2

LHLD6	WATTAGE	DRIVER TYPE	OPTIONS
LHLD6	10C50 :10W	Blank :120V	Blank :None
	15C70 :15W	-DHL :(120V/277V) Hilume Dimming*	-EM :Emergency Back-Up (6W)
		-DLV :ELV Dimming	-EM2 :Emergency Back-Up (10W)
		UE :120V/277V*	
		UE-D10 :(120V/277V) 0-10V Dimming*	

* Not available for 10W option

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