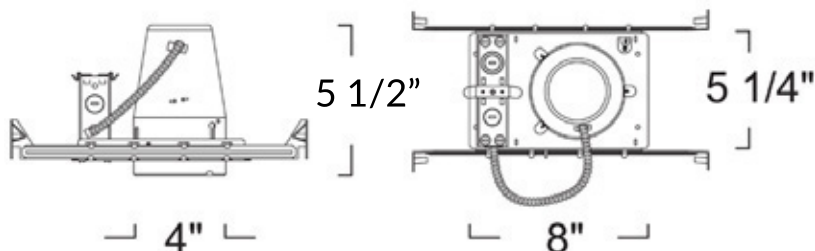


LHLD49C20 - 4" LED HOUSING (700LM/1000LM)

4" LED HOUSING



SPECIFICATION

10W/13W LED

Application: This miniature General Purpose LED housing is perfect for low to medium height ceilings in residential and light commercial applications. Its small aperture makes it ideal for strategic placement where space is limited and energy savings is important. A variety of trim styles, finishes, and beam spreads are available to achieve a desired look.

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 via positive retention friction clips. Housing is airtight.

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. Consult factor.

Dimming: Standard dimming option smoothly dims down as low as 10% of initial light output with flicker-free operation works with standard Incandescent dimmers. Factory qualified for use with LUTRON Brand Dimmers: S600PR, DVSCCL-153P & DV600PR as well as Leviton® IP106-600W. Also dims with Electronic Low Voltage dimmers. Factory qualified for use with LUTRON Brand Dimmers: SELV-300P, DVELV-300P, NELV-450 along with 3-Way versions. "UE-DUN" Universal Dimming Option dims with above mentioned dimming controls along with standard 0-10V dimming signals. "0-10V" (120-277V) Dimming Option works with most 5-wire, 0-10V dimmers. Factory qualified for use with Leviton IP710-DLZ.

Emergency Options: 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 and plate cover 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.

Safety Labels: ETL/CETL listed. Suitable for damp locations. NYC approved: Calendar #41937. CCEA Certified: Conforms to CCEA-200 with Section 18-27-300.22 and special requirements Section 14-20-210C-4.

Insulation Contact: Energy Efficient LED housing comes standard with IC rating for direct contact with loosefill blown and rolled insulation. (Due to higher temperatures in insulation environments, L70 Life Expectancy will be reduced by 35% for Non-Lensed Fixtures, and 50% for Lensed Fixtures when used with thermal insulation.)

COMPATIBILITY

 LRLD1420 4" ADJUSTABLE SLOT (550LM)	 LRLD1419 4" PINHOLE W/ PHENOLIC BAFFLE (500LM)	 LRLD1422 4" FROSTED GLASS (480LM)
 LRSQD1419 4" SQUARE ADJUSTABLE (700LM/1000LM)	 LRLD1431 4" REFLECTOR (700LM/1000LM)	 LRLD1493 4" LED METAL BAFFLE (700LM/1000LM)
 LRLD1401 4" LENSED LED (625LM/1000LM)	 LRLD1471 4" ADJUSTABLE REFLECTOR (700LM)	 LRLD1467 4" LED PULL DOWN (700LM)
 LFB2012 FIRE BARRIER		

Note: Wattage limitations on compatible items must be met.

LED Details:

10W 700 + Lumens Delivered
Color Rendering Index (CRI): 90
Color Temperature: 3,000K
Lamp Equivalents: 50W MR16

13W 1000 + Lumens Delivered
Color Rendering Index (CRI): 90
Color Temperature: 3,000K
Lamp Equivalents: 75W MR16

Benefit:

- Budget Friendly, specification quality performance
- Small aperture for hard to light spaces
- Singular diode, no multiple LEDs
- 90CRI standard for better color rendering
- Airtight housing

FEATURE:



ORDERING EXAMPLE : LHLD49C20

LHLD49C20	DIMMING	HOUSING OPTIONS	OPTIONS
LHLD49C20	Blank :120V ELV/Triac Dimming	Blank :None	Blank :None
	UE-DUN :120V-277V 0-10V/ELV/Triac Dimming	-CHP :Chicago Plenum	-EM :Emergency Backup*
	UE-D10 :120V/277V 0-10V Dimming		

* Above ceiling access required for EM option.