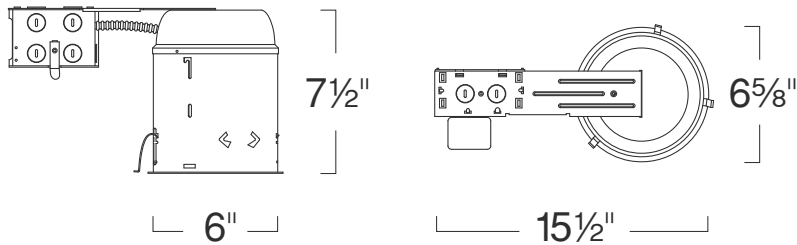


## LHLDH6R - 6" IC REMODEL LED HOUSING (9W/16W)

### 6" LED HOUSINGS (750/1200 LUMEN SERIES) - 90 CRI



### SPECIFICATION

9W/16W 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.

**Housing:** Pre-wired dedicated LED housing adjusts up to a 1 1/2" ceiling thickness. LED trim is secured with torsion wing springs/standard coil springs or serrated clips.

**Mounting:** Housing suitable for existing or new construction installations, supplied with high tension remodeling clips, designed to secure the housing to an existing sheetrock ceiling for fast and easy installation.

**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.

**Dimming:** 'DIN' dimming option smoothly dims down to 5% of initial light output with flicker-free performance. Works with standard incandescent dimmers. Factory qualified for use with Lutron brand dimmers: S600PR, DVSCCL-153P & DV600PR as well as Leviton IP106-600W. Works with standard electronic low voltage (ELV) dimmers. Factory qualified for use with Lutron brand dimmers: SELV300P, DVELV-300P, MAELV-600 and NELV-450. 'D10' dimming option works with most 0-10V DC 5-wire 120V or 277V dimming systems and wall box dimmers. 1% Dimming with S-600 Dimmer for 9W only.

**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.

**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).

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

### COMPATIBILITY

|                                                                     |                                                                  |                                                                   |
|---------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|
| <br><b>LRLDH649</b><br><b>6" 760/1200LM REGRESSED DECO LED CONE</b> | <br><b>LRLDH671</b><br><b>6" 750/1200LM LED WALL WASH/SLOPED</b> | <br><b>LRLDH678</b><br><b>6" 750/1200LM ADJUSTABLE LED GIMBAL</b> |
| <br><b>LRLDH621</b><br><b>6" 750/1200LM DEEP LED REFLECTOR</b>      | <br><b>LRLDH642</b><br><b>6" 700/1200LM DECO FROST LED DOME</b>  |                                                                   |

Note: Wattage limitations on compatible items must be met.

**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.

**Driver Type:** 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. Available in 0-10V 10% Dimming, 0-10V Dimming (120V/277V)\*, 120V/277V\*, Hilume Dimming (120V/277V)\* and Incandescent/ELV Dimming. 9W available in Incandescent/ELV only.

**Assembled in USA**

**Benefit:**

- 277V input and emergency battery back-up options
- Features Quick Connector for easy trim connection
- V-Spring slots for simple trim insertion
- 1% Dimming with S-600 Dimmer for 9W only

### FEATURE:



ORDERING EXAMPLE : LHLDH6R09C25-347-D10

| LHLDH6R | WATTAGE    | DRIVER TYPE                         | OPTIONS                     |
|---------|------------|-------------------------------------|-----------------------------|
| LHLDH6R | 09C25 :9W  | Blank :None                         | Blank :None                 |
|         | 16C35 :16W | -DIN :Incandescent/ELV Dimming      | -EM :Emergency Back-up (8W) |
|         |            | UE :120V/277V*                      |                             |
|         |            | UE-D10 :0-10V Dimming (120V/277V)*  |                             |
|         |            | UE-DHL :Hilume Dimming (120V/277V)* |                             |
|         |            | -347-D10:0-10V 10% Dimming          |                             |

\* Not available for 9W option.