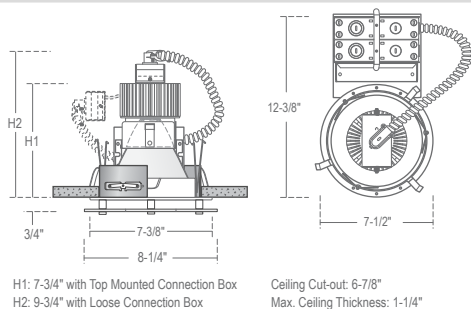


## 6" Architectural Remodel LED Frame-Kit (1200/1600 Lumen) w/ 6" Architectural LED Glass Deco Open (1200/1600 Lumen) 6" LED ARCHITECTURAL DOWNLIGHT



### SPECIFICATION

**Application:** Architectural-grade recessed LED downlight housing for medium to high ceilings in commercial and architectural spaces. Housing supports 1200/1900 delivered lumen packages.

**Housing Frame:** 16 gauge galvanized plaster ring with black powder coat finish, friction or V-Spring clips secure trim to housing.

**Mounting:** Housing suitable for existing or new construction installations, supplied with 4 high tension remodeling clips, designed to secure the housing to an existing sheetrock ceiling up to 1" thick for fast and easy installation from below the ceiling line.

**Driver:** 120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on large access Junction Box. Power Factor > 0.90. Operating Temperature: -10°C to +80°C. Accessible from above or below ceiling. Consult Factory for dimming options and compatible dimmers.

**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, 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 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.

**Dimming:** 0-10V dimming option (-D10) works with most 0-10V dimmers. Factory qualified for use with Leviton IP710-DLX and Lutron NTFTV-WH. The Lutron Hi-Lume 1% dimming option (-DHL) works with compatible Lutron dimmers: NovaT NTF-10-277, Skylark SF-12P277 & Vieri VTF-6A.

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

**Label:** cETL Listed

**Assembled in USA**

### FEATURE:



**Application:** Architectural-grade recessed downlight reflector for low to medium height ceilings for commercial and architectural installations. Reflector designed for minimal glare from lamp without sacrificing lumen output. Decorative glass accent brings style and elegance to any decor. Reduces lamp image while adding a subtle decorative element to architecture.

**"Reflector Construction:** One piece, self-flanged dual-reflector LED design enables a clean trim finish, without the need for a secondary trim ring. Heavy-gauge aluminum reflector prevents ugly dents during shipping and installation. Deeply mounted singular LED provides 50 degree visual cutoff for a glare-free appearance. Held in place with two steel pressure v-springs for a tight fit and easy scratch-less removal. -B60 option includes Impact-Resistant Polycarbonate lens."

**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.

**Thermal Temperature:** Heat dissipation facilitated by exposed integral aluminum heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35 degree celsius to achieve minimum L70 life of 50,000 hours according to LM80 standard.

**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 60 degrees C. Doing so will result in reduced lamp life and voided warranty.

**Labels:** ETL/cETL listed to UL1598 and UL8750. Suitable for damp and wet locations. NYC approved: Calendar #41937.

### 6" ARCHITECTURAL REMODEL LED FRAME-KIT LHALD6R12 12W LED

| DRIVER TYPE           |                              |
|-----------------------|------------------------------|
| LHALD6R12C035         | :120V Non-Dimming            |
| LHALD6R12C035UE       | :120V/277V                   |
| LHALD6R12C035UE-D10   | :120V/277V 0-10V Dimming     |
| LHALD6R12C035UE-DHL   | :Hi-Lume Dimming (120V/277V) |
| LHALD6R12C035-347-D10 | :347V 0-10V 10% Dimming      |
| LHALD6R12C035UE-D10P1 | :0-10V 1% Dimming            |

### 6" ARCHITECTURAL LED GLASS DECO OPEN (1200/1600 LUMEN) LRLAD6021 12W LED

Ordering example: LHALD6R12C035-347-D10/LRLAD6021SWF102-C97-FR

| FINISH                                     | LUMEN PACKAGE | BEAM             | LED                       |
|--------------------------------------------|---------------|------------------|---------------------------|
| LRLAD6021SWF :Satin Reflector/White Flange | 102 :1200Lm   | Blank :Flood     | Blank :3000K              |
| LRLAD6021WWF :White Reflector & Flange     | 160 :1600Lm   | -B60 :Wide Flood | -C97 :3000K,97CRI**       |
|                                            |               |                  | -T17 :1700K*              |
|                                            |               |                  | -T25 :2500K*              |
|                                            |               |                  | -T27 :2700K*              |
|                                            |               |                  | -T27-C90 :2700K,90 + CRI* |
|                                            |               |                  | -T27-C97 :2700K,97CRI**   |
|                                            |               |                  | -T35 :3500K               |
|                                            |               |                  | -T40 :4000K               |

\* Extended Lead Time may apply. Consult Factory.  
\*\*Only available in 2700K and 3000K.