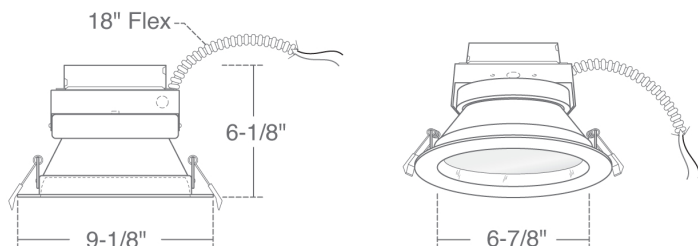


## LRCLD802 - 8" ARCHITECTURAL SHALLOW LED RETROFIT (1200/1900 LUMEN LED) RETROFIT



Ceiling Cut-out Min: 7.625" (194mm)  
Ceiling Cut-out Max: 8.5" (216mm)  
Flange Diameter: 9.125" (232mm)



### SPECIFICATION

120V/277V 12W/25W LED

**Application:** Architectural-grade shallow LED recessed downlight retrofit with omnidirectional lumen output similar to CFL downlights. Ideal for low to high ceiling heights in commercial applications that require smooth ambient lighting without sacrificing footcandles.

**Reflector Construction:** One piece self-flanged 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. Held in place with 2 steel pressure springs.

**Driver:** 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on thermally stabilized heat sink. 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.

**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).

**Dimming:** The UniDim™ option (-DUN) is a universal dimming system that works with most ELV, Incandescent and 0-10V dimming controls.

**Retrofit Mounting:** Designed for use with existing 8" Architectural Incandescent, Compact Fluorescent and Metal Halide housings like LITON brand LVH8, LH800 and LHM800. Supplied with metal conduit for connection to existing electrical junction box. Features specially designed pressure spring clips that hold the retrofit trim firmly to the existing frame-in kit. Very easy to install.

**Color Temperature:** Comes standard with 4,000K Warm White LED's binned according to ANSI C78 377A for color temperature and chromaticity ranges.








**Thermal Management:** 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 a minimum L70 life of 50,000 hours according to LM80 testing.

**Insulation Contact:** Non IC rated, must be kept 3" from insulation.

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

**Safety Labels:** ETL/cETL listed. Suitable for dry, damp and wet locations. NYC approved: Calendar #41937.

### COMPATIBILITY

 <b>LHM8</b> <b>ARCHITECTURAL HOUSING (ELECTRONIC)</b>	 <b>LFH8</b> <b>ARCHITECTURAL HOUSING (1-LAMP)</b>	 <b>LH800</b> <b>ARCHITECTURAL HOUSING</b>
 <b>LVH8</b> <b>8" LIGHT COMMERCIAL HOUSING</b>	 <b>LHALD825</b> <b>8" ARCHITECTURAL LED FRAME-KIT (1400/1900/2000/3000)</b>	 <b>LHALD8R25</b> <b>8" ARCHITECTURAL LED FRAME-KIT (1400/1900/2000/3000)</b>
 <b>VR800</b> <b>OUTDOOR VANDAL RESISTANT CEILING /WALL KIT</b>		

Note: Wattage limitations on compatible items must be met.

#### LED Details:

**25W 1900 Lumen Package**  
Color Rendering Index (CRI)<sup>2</sup>: 80  
Color Temperature: 4,000K  
Lamp Equivalent: 2-42W CFL, 150W A-Lamp

**12W 1200 Lumen Package**  
Color Rendering Index (CRI)<sup>2</sup>: 80  
Color Temperature: 4,000K  
Lamp Equivalent: 32W CFL, 100W A-Lamp

#### Benefit:

- Easy to install
- Premounted steel spring clips secure trim to virtually all 8" frame-in housings
- Fits up to 2 1/4" Ceiling Thickness
- Exclusive UniDim™ Universal LED Dimming Option works with 0-10V, ELV and Incandescent Control Systems

### FEATURE:



ORDERING EXAMPLE : LRCLD802WWF240-R25UE-D10

LRCLD802	FINISH	LUMEN PACKAGE	OPTIONS
LRCLD802	WWF :White	100-R12:1200 Lumens 240-R25:1900 Lumens	Blank :Non-Dimming UE :Non-Dimming (120V/277V) UE-D10 :0-10V Dimming (120V/277V) UE-DUN*:Universal Dimming (120V/277V)

\* Not Available for 12W Option

ID #: 2670