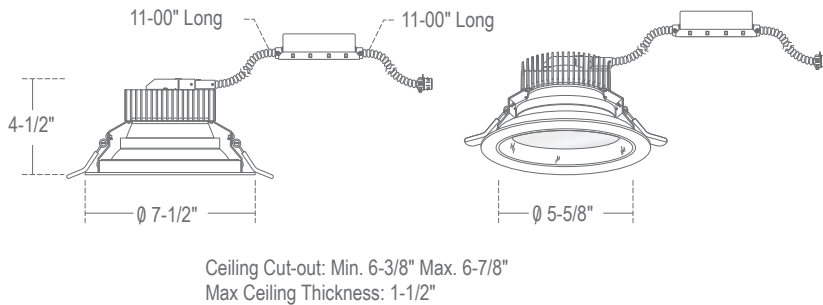


## LRCLD602 - 6" ARCHITECTURAL SHALLOW LED RETROFIT (1200/1900 LUMEN LED) RETROFIT



### 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 6" Architectural Incandescent, Compact Fluorescent and Metal Halide housings like LITON brand LVH6, LH600 and LHM600. 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. Available with other color temperatures with ANSI binning of 2,700K, 3,500K & 5,000K. To order use "-T" Suffix followed by color temperature. Example 3000K= T30. Consult factory as extended lead times and minimum order apply.

**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.

**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).

**Finish:** Available with White Reflector/White Ring/Frosted Lens and Satin Reflector/White Ring/Frosted Lens.

**Lumen Package:** Available in 1200 Lumens and 1900 Lumens.

**LED Color:** Available in 3000K, 3500K and 4000K.

**Label:** cETL Listed

**Assembled in USA**

#### 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 6" frame-in housings
- Fits up to 2 1/4" Ceiling Thickness
- Compatible with Lithonia LP6U, Lightolier 1102PI and Portfolio CD6 Series\* (\*requires LITON OVP6 Ring Adapter)
- Exclusive UniDim™ Universal Dimming Option is compatible with 0-10V, ELV and Triac Control Systems. Standard 0-10V only option is available.

### FEATURE:



ORDERING EXAMPLE : LRCLD602WWF100-R12

LRCLD602	FINISH	LUMEN PACKAGE	OPTIONS	LED COLOR
LRCLD602	WWF : White Refl./White Ring/Frosted Lens	100-R12 : 1200 Lumens	Blank : Non-Dimming	Blank : 4000K
	SWF : Satin Refl./White Ring/Frosted Lens	240-R25 : 1900 Lumens	UE : Non-Dimming (120V/277V)	-T30 : 3000K
			UE-D10 : 0-10V Dimming (120V/277V)	-T35 : 3500K
			UE-DUN : Universal Dimming (120V/277V)	

ID# : 2843