

## DLRC0618

Six Inch LED Commercial Recessed Downlight Retrofit (18W)

Catalog #

Note

Type

### Product Description

The DLRC0618 six inch LED commercial recessed downlight retrofit utilizes CREE high performance LED engine, delivers 1450 lumens while achieving maximum 81 LPW. The downlight is available in 3000K and 4000K with exceptional 80+ CRI.

Equipped with UL Class II LED driver, the downlight accepts 120-277VAC, consumes 18 watts and converts most manufacturers incandescent, CFL or HID fixtures with apertures of 6.1" to 6.7" diameter. The downlight is 0-10V dimmable, compatible with most Lutron and Leviton dimmers.

Supplied with a quick connect-case and conduit, the downlight can be easily connected to existing recessed fixture frame junction box. All installation can be performed from below the ceiling without removing existing fixture.



### Performance Summary

120-277VAC Input Voltage

18W Input Power

81 LPW Efficacy

1450 Lumens Lighting Output

3000K/4000K Color Temperature

50,000 Hours Lifetime

5 Years Warranty

0-10V Dimmable

### Ordering Information

Example: DLRC0618HU30K15L10D

MODEL	SIZE	WATTAGE	VOLTAGE	COLOR TEMP	LUMEN OUTPUT	LIGHTING CONTROL
DLRC Commercial Recessed LED Downlight Retrofit	06 6 inch	18 18W	HU 120-277VAC	30K 3000K 40K 4000K	15L 1450lm	10D 0-10V Dimming

#### Notes:

Specifications tolerance:  $\pm 5\%$ .

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### Features & Specifications

#### CONSTRUCTION & MATERIALS

- Supplied with a heavy gauge anodized aluminum reflector in a haze finish
- Housing secured by three (3) tension clips accommodating ceilings from 1/2" to 1-1/8" thick
- Integral cast aluminum heat sink conducts heat away from LED light engine
- Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements

#### MOUNTING AND WIRING

- External driver for easy retrofit and maintenance
- Housing installed from below ceiling and secured in place by three (3) tension clips
- Supplied with a quick connect-case and conduit, the downlight can be easily connected to existing recessed fixture frame junction box

#### ENVIRONMENTAL SYSTEM

- UL and cUL listed for wet locations
- Operating temperature: -30°F to 113°F (-35°C to 45°C)

#### OPTICAL SYSTEM

- Computer-optimized parabolic reflector with frosted convexed lens recessed into cone provides uniform distribution with no striations
- Concealed CREE COB LEDs provides superior aesthetic appeal both on and off
- 3000K and 4000K color temperature
- CRI 80+ and R9 greater than 0

#### ELECTRICAL SYSTEM

- External high performance UL class II LED driver
- Input voltage 120-277VAC, 50/60Hz
- Input power: 18W
- Power factor: 0.95

#### LISTING AND CERTIFICATES

- Energy Star
- UL and cUL listed
- Lighting Facts Label

PHYSICAL SPECIFICATION	
Dimension	6 inch diameter
Housing	Die-cast aluminum reflector
Reflector Type	Parabolic
Trim Finish	White
Mounting	Recessed
ENVIRONMENTAL SPECIFICATION	
Temp Range	-30–113 °F operating (-35°C to 45°C)
OPTICAL SPECIFICATION	
Luminous Flux	1450 lm
Efficacy	81 lm/W
CCT	3000K/4000K
CRI	80
ELECTRICAL SPECIFICATION	
Input Voltage	120-277 VAC, 50/60 Hz
Input Power	18 W
Power Factor	0.95
Total Harmonic Distortion	<20%
LONGEVITY AND WARRANTY	
L70 Life	50,000 hrs
Warranty	5 years
LISTING AND CERTIFICATES	
Energy Star	
UL and cUL	
Lighting Facts Label	