

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	18W
120V	0.16A	Color Temp	3000K (Warm)
208V	0.096A	Color Accuracy	90 CRI
240V	0.083A	L70 Lifespan	50,000
277V	0.069A	Lumens	1,510
Input Watts	16.80W	Efficacy	89.9 LPW

Technical Specifications

Listings

UL Listed & UL Classified:

Suitable for wet locations

ENERGY STAR V2.2:

This product is ENERGY STAR® Version 2.2 Certified.

Energy Star Model Number:

DLC0017

Energy Star ID:

2350055

California Title 24:

Can be used to conform with the requirements of California Title 24 Part 6.

Electrical

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

THDi:

Produces less than 20% THD

PF:

≥0.9

Input Voltage:

120V through 277V

Operating Frequency (Hz):

50/60Hz

LED Characteristics

Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Wattage Equivalency:

32W CFL

R9 Value:

High color performance with R9 greater than or equal to 50

Flicker:

Silent and flicker free operations of less than 30%

Construction

IC Rated:

Suitable for direct contact with insulation. Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations.

Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.

Air Tight:

Housing certified Air Tight as per ASTM E283

Housing:

Made from precision die-cast aluminum construction, dissipates heat from electrical components

Cold Weather Starting:

The minimum starting temperature is -30°C (-22°F)

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Technical Specifications (continued)

Construction

Green Technology:

Mercury and UV free. RoHS-compliant components.

Mounting:

Robust retention clips spring loaded tabs ensure the fixture is securely installed. Can be installed in 1/4" to 1 1/2" thick ceilings.

Lens:

Diffuse Polystyrene lens produces smooth uniform light that is glare free

Finish:

Matte White

Optical

Beam Angle:

90°±10°

Other

Template:

Template included for easy ceiling cut out

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Accessories:

DLPLATE/T: New Construction or Remodel Plate for T-Grid ceilings for use with 6" and 8" Models

DLPLATE/SJ: New Construction Plate for Stud/Joist mounting for use with 6" and 8" Models

DL6-8GOOF/R/P: 8" Goof Ring for 6" Commercial Downlight

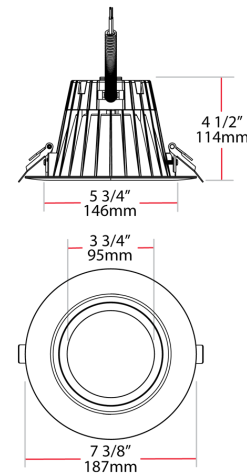
Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

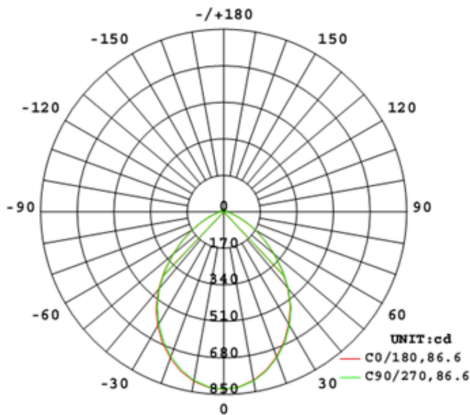
Case and Pallet Dimensions

	QTY	LENGTH	WIDTH	HEIGHT
CASE	4	16.12	121.12	8.21
PALLET	400	7.75	7.75	85.04

Dimension



Light Distribution



Features

- High Performance LEDs for commercial applications
- Replacement for traditional compact fluorescent recessed downlights
- Compatible with new construction or retrofit installations
- UL wet and Energy Star rated
- Meets air-tight requirements
- Matte white smooth trim finish
- Available in 3 color temperatures: 3000K, 3500K, 4000K
- 0 - 10V dimmable
- Spring loaded retention clips
- 25-inch Flexible conduit
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Size	Shape	Wattage	CRI/Color Temp	Voltage	Finish
C	6	R	18	930	UNV	W
	6 = 6" 8 = 8"	R = Round	12 = 900lm-1050lm 18 = 1500lm-1700lm 24 = 2000lm-2300lm 33 = 3000lm-3500lm	940 = 90 CRI, 4000K (Neutral) 935 = 90 CRI, 3500K (Warm Neutral) 930 = 90 CRI, 3000K (Warm) 840 = 80 CRI, 4000K (Neutral) 835 = 80 CRI, 3500K (Warm Neutral) 830 = 80 CRI, 3000K (Warm)	UNV = 120-277V (0-10V Dimming)	W = White