



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	18W
120V	0.16A	Color Temp	3500K (Warm Neutral)
208V	0.096A	Color Accuracy	90 CRI
240V	0.083A	L70 Lifespan	50,000 Hours
277V	0.069A	Lumens	1,543 lm
Input Watts	16.8W	Efficacy	83.33333333

Technical Specifications

Compliance

UL Listed & UL Classified:

Suitable for wet locations

Energy Star Approved:

ENERGY STAR® Version 2.2 Certified

Certification Model Number:

DLC0018

Energy Star ID:

2350056

California Title 24:

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

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

Electrical

Dimming Driver:

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

THD:

<20%

Power Factor:

≥0.9

THDi:

Produces less than 20% THD

PF:

≥0.9

Input Voltage:

120V through 277V

Operating Frequency (Hz):

50/60Hz

Performance

Lifespan:

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

Wattage Equivalency:

32W CFL

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 up to 40°C (104°F)

Green Technology:

Mercury and UV free. RoHS-compliant components.

Lens:

Diffuse Polystyrene lens produces smooth uniform light that is glare free

Finish:

Matte White

LED Characteristics

Beam Angle:

90°±10°

LEDs:

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

Technical Specifications (continued)

R9 Value:

High color performance with R9 greater than or equal to 50

Flicker:

Silent and flicker free operations of less than 30%

Installation

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.

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

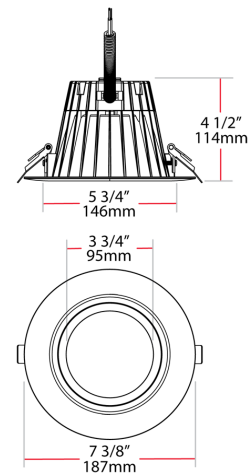
DLPLATE/SJ: New Construction Plate for Stud/Joist mounting for use with 6" and 8" Models

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

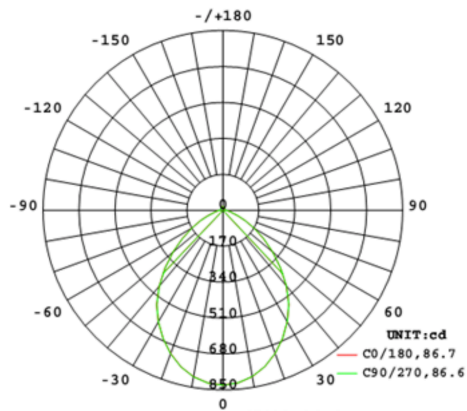
Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	4	16.12	121.12	8
PALLET	400	7.75	7.75	85.04

Dimension



Light Distribution



Ordering Matrix

Family	Size	Shape	Wattage	CRI/Color Temp	Driver	Finish
C	6	R	18	935	UNV	W
	6 = 6"	R = Round	12 = 12W	940 = 90 CRI, 4000K	UNV = 120-277V	W = White
	8 = 8"		18 = 18W	935 = 90 CRI, 3500K		
			24 = 24W	930 = 90 CRI, 3000K		
			33 = 33W			