



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	12W
120V	0.11A	Color Temp	3000K (Warm)
208V	0.065A	Color Accuracy	90 CRI
240V	0.055A	L70 Lifespan	50,000 Hours
277V	0.045A	Lumens	934 lm
Input Watts	10.2W	Efficacy	75

Technical Specifications

Compliance

**UL Listed & UL Classified:**  
Suitable for wet locations

**Energy Star Approved:**  
ENERGY STAR® Version 2.2 Certified

**Certification Model Number:**  
DLC0014

**Energy Star ID:**  
2350052

**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:**  
18W 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

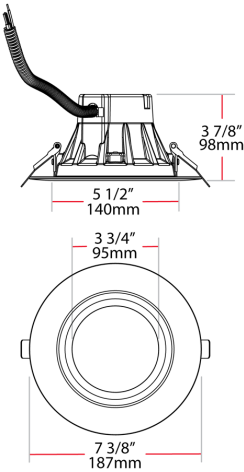
**Warranty:**  
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to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

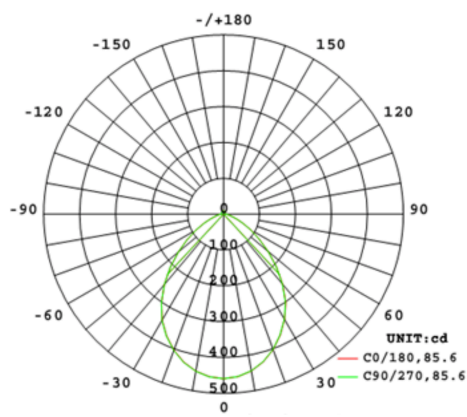
Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	4	16.12	10.04	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	12	930	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						