

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	18W
120V	0.16A	Color Temp	4000K (Neutral)
208V	0.096A	Color Accuracy	80 CRI
240V	0.083A	L70 Lifespan	50,000 Hours
277V	0.069A	Lumens	1,855
Input Watts	16.8W	Efficacy	94.44444444

**Technical Specifications**

**Compliance**

**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:**

DLC0007

**Energy Star ID:**

2350027

**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

**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

## Technical Specifications (continued)

### Construction

#### 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.

#### 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°

### LED Characteristics

#### LEDs:

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

#### Flicker:

Silent and flicker free operations of less than 30%

### Other

#### Wattage Equivalency:

32W CFL

#### 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

### Trade Agreements Act Compliant:

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

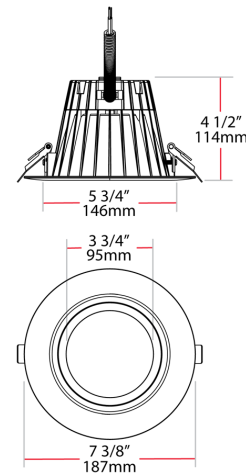
### Buy American Act Compliance:

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.

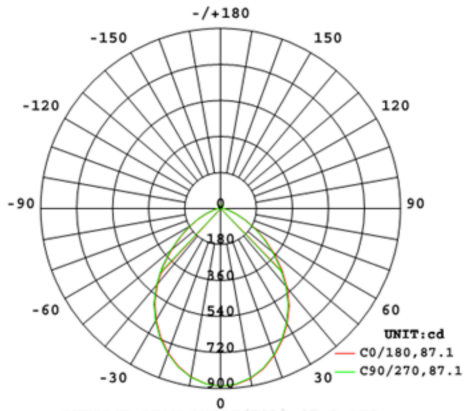
## Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
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	840	UNV	W
	6 = 6"	R = Round	12 = 12W	840 = 80 CRI, 4000K	UNV = 120-277V	W = White
	8 = 8"		18 = 18W	835 = 80 CRI, 3500K		
			24 = 24W	830 = 80 CRI, 3000K		
			33 = 33W			