

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

## 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:**

DLC0027

**Energy Star ID:**

2350022

**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:**

26W/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

**Air Tight:**

Housing certified Air Tight as per ASTM E283

**CCT Selectable:**

Choose the color temperature before installing with integrated switch

**Housing:**

Constructed from durable steel sheet metal

**Cold Weather Starting:**

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

## Technical Specifications (continued)

### Construction

**Maximum Ambient Temperature:**

Suitable for use in 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:**

85°±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](http://rablighting.com/warranty).

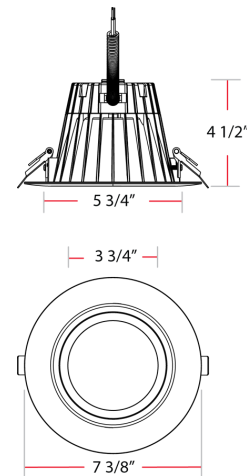
**Buy American Act Compliance:**

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.

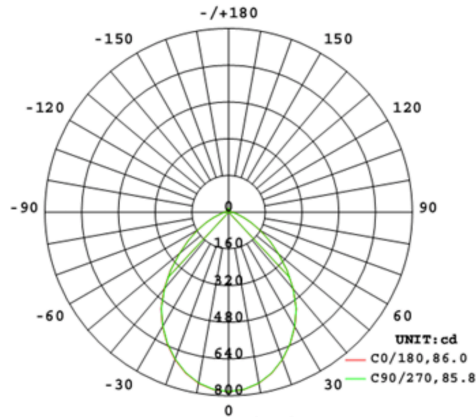
## Case and Pallet Dimensions

	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
- Lumen and CCT Selectable
- Matte white smooth trim finish
- Available in 3 CCTs: 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	14/18	9FA	UNV	W
	6 = 6" 8 = 8" 9.5 = 9.5"	R = Round	7/10/18 = 700lm-1500lm 9/12 = 700lm-900lm 10/15/22 = 1000lm-2000lm 14/18 = 1200lm-1500lm 20/25/32 = 2000lm-3000lm	9FA = 90 CRI, Field Adjustable	UNV = 120-277V	W = White