



Color: White

Weight: 1.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	150
208V	N/A
240V	N/A
277V	70
Input Watts	18W

LED Info

Watts	18W
Color Temp	Field Adjustable
Color Accuracy	N/A
L70 Lifespan	50,000 Hours
Lumens	1,580 lm
Efficacy	83

Technical Specifications

Performance

Product Type:

Commercial Downlight Direct Mount

Lumens (Nominal):

1,500lm

Efficacy:

83lm/W

Lifespan:

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

LED Characteristics

Color Accuracy (CRI):

90 CRI

Color Temperature:

3000K/3500K/4000K/5000K

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

Input Voltage:

120-277V AC

Operating Frequency:

50/60Hz

Operating Temperature:

-30°C - 40°C

Other

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.

Construction

Size:

6"

Shape:

Round

Housing Material:

Metal

Finish:

White

Trim Style:

Smooth Trim

Air Tight:

Housing certified Air Tight as per ASTM E283

Compliance

Listings:

UL Listed, UL Classified

Environment:

Wet

IC Rated:

Suitable for direct contact with insulation

T24 JA8 Compliant:

Complies with Title 24 Appendix JA8

**Technical Specifications (continued)****Lawful for Sale in California:**

Yes

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

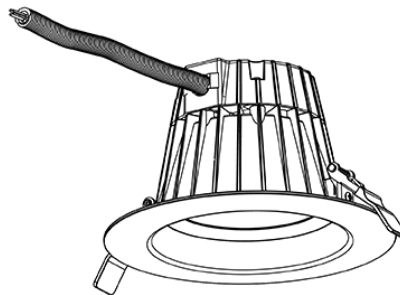
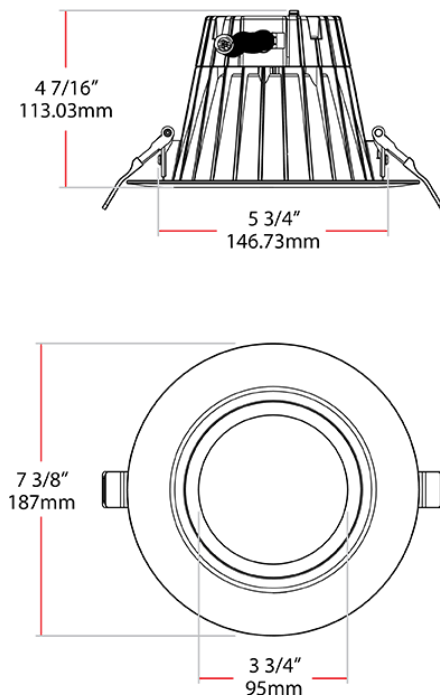
Complies with Part 15B of the FCC Rules

**Certification Model Number:**

DLC0049(C6R189FAUNVW)

**Trade Agreements Act Compliant:**

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

**Dimensions**

Ordering Matrix

Family	Size	Shape	Wattage	CRI/Color Temp	Voltage	Finish
C	6	R	18	9FA	UNV	W
	6 = 6" 8 = 8"	R = Round	11 = 11W 18 = 18W 22 = 22W 33 = 33W 55 = 55W	9FA = 90 CRI, CCT Adjustable	UNV = 120-277V	W = White

4" only available in 12S  
6" only available in 16S or 24S  
8" only available in 22S or 33S  
10" only available in 43S