

UPC: 019813512884

Contractor-grade retrofit downlights offered with up to 5 field selectable color temperatures in 1 model. Options available with a smooth or baffle trim.

Color: White

Weight: 0.8 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

Type Constant Current  
120V 0.09A  
208V N/A  
240V N/A  
277V N/A  
Input Watts 11W

**LED Info**

Watts 11W  
Color Temp 2700/3000/3500/4000/5000K  
Color Accuracy 92 CRI  
L70 Lifespan 50,000 Hours  
Lumens 900 lm  
Efficacy 82

**Technical Specifications****Performance****Product Type:**

Recessed Retrofit

**Description:**

Contractor-grade retrofit downlights offered with up to 5 field selectable color temperatures in 1 model.

**Wattage Equivalency:**

65W Incandescent

**Input Wattage:**

11W

**Lumens:**

2700K @ 938lm; 3000K @ 952lm; 3500K @ 968lm;  
4000K @ 981lm; 5000K @ 1,050lm

**Efficacy:**

2700K @ 96lm/W; 3000K @ 100lm/W; 3500K @ 103lm/W; 4000K @ 102lm/W; 5000K @ 105lm/W

**L70 Lifespan:**

50,000-Hour LED lifespan based on IES LM-70 results

**Electrical****Driver:**

Constant Current, 60 Hz, 120V, 120V: 0.09 A

**THD:**

≤20%

**Power Factor:**

≥0.9

**Dimmable:**

Yes, dims down to 10% on compatible TRIAC/ELV system.  
See Dimmer Compatibility List.

**Input Voltage:**

120V

**Operating Frequency:**

60 Hz

**Input Current @ 120V (mA):**

90mA

**Operating Temperature:**

-22°F to 104°F (-30°C to 40°C)

**LED Characteristics****Color Temperature:**

Field adjustable via dip switch  
2700/3000/3500/4000/5000K

**Color Accuracy (CRI):**

&gt;90 CRI

**R9 Value:**

High color performance with R9 greater than or equal to 50

**Color Consistency:**

<4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability:**

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

**Installation****Mounting:**

Recessed Housing

**Construction****Size:**

6"

**Shape:**

Round

**Technical Specifications (continued)****Finish:**  
White**Energy Star Approved:**  
ENERGY STAR® Version 1.0 Certified**Enclosure Material:**  
Metal**Certification Model Number:**  
DLR0006(R6R8830120WB)**Trim Style:**  
Baffle

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**Other****Lens:**  
Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications**Accessories:**RFLED-RETROBAND

Retrofit Band

RFLED-GOOF-6R-8R-W

6"-8" Goof Ring

DLTRIM/R6RB-BN

6" Round Baffle Brushed Nickel Color Trim

DLTRIM/R6Rb-BRZ

6" Round Baffle Bronze Color Trim

DLTRIM/R6RB-B

6" Round Baffle Black Color Trim

DRI-25-EMGR-DC

Battery Backup Driver

DRI-21-EMGR-DC-D10

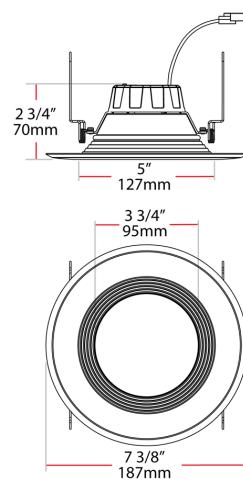
Battery Backup Driver T20

**Cut Out Template Size:**  
6 5/16"**Compliance****Listings:**  
UL Recognized, UL Classified**Environment:**  
Suitable for use in dry, damp, and wet environments.**IC Rated:**  
No**Air Tight:**  
No**DLC Listed:**  
No**T20 Compliant:**  
Can be used to conform with the requirements of California Title 20**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).**California Title 24 JA8 Compliant:**  
Can be used to conform with the requirements of California Title 24 Part 6**California Energy Commission (CEC) Status:**  
Lawful for Sales in California**NEC Compliant:**  
Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C3).**IESNA LM-79 & LM-80 Testing:**  
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.**RoHS:**  
Mercury and UV free. RoHS-compliant components.**FCC:**  
Complies with Part 15B of the FCC Rules

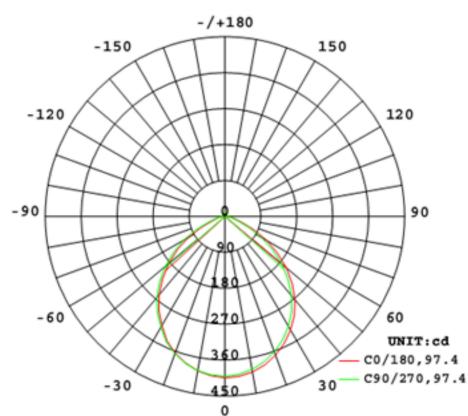
## Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	4	15.47	7.99	8
PALLET	600	7.56	3.82	82.28

## Dimension



## Light Distribution



## Features

- Use to replace traditional halogen and incandescent light sources
- Durable metal construction: dent and scratch resistant
- 5 Color temperature selectable 2700K, 3000K, 3500K, 4000K, & 5000K
- Compatible with most standard recessed housings
- Color trims sold separately

## Ordering Matrix

Family	Size	Shape	Wattage	CRI/Color Temp	Driver	Finish	Trim
R	6	R	11	9FA	120	W	B

4 = 4"   R = Round   8 = 8W   9FA = 90 CRI, CCT Adjustable   120 = 120V   W = White   B = Baffle  
 6 = 6"   10 = 10W   11 = 11W   14 = 14W   120 = 120V   S = Smooth