

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	10W
120V	0.08A/0.09A	Color Temp	2700/3000/3500/4000/5000K
208V	0.00A	Color Accuracy	90 CRI
240V	0.00A	L70 Lifespan	50,000 Hours
277V	0.00A	Lumens	912-981 lm
Input Watts	9.1-9.6W	Efficacy	99.1-103 lm/W

Technical Specifications

Performance

Product Type:

Recessed Retrofit

Description:

Available in 4" and 6" models with 5 field-adjustable color temperatures. Offered with smooth or baffle trims. Ideal for applications with tighter budgets.

Wattage Equivalency:

75W Incandescent

Input Wattage:

10W

Lumens:

900lm

Efficacy:

90lm/W

L70 Lifespan:

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

Electrical

Driver:

Constant Current, 120V, 60 Hz; @120V: 100mA

THD:

<100%

Power Factor:

>0.17

Dimmable:

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Input Voltage:

120V

Operating Frequency:

60 Hz

Operating Temperature:

-4°F to 104°F (-20°C to 40°C)

Flicker:

<30%

LED Characteristics

Beam Angle:

90°

Color Temperature:

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

Color Accuracy (CRI):

90 CRI

Natural Spectrum:

No

R9 Value:

High color performance with R9 greater than 50

Color Consistency:

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

Color Stability:

LED color temperature is warrantied 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 required

Base Type:

E26 Edison

**Technical Specifications (continued)****Construction****Size:**

6"

**Shape:**

Round

**Finish:**

White

**Enclosure Material:**

Plastic

**Trim Style:**

Smooth

**Lens Finish:**

Frosted

**Lens:**

Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

**Air Tight:**

Housing certified Air Tight as per ASTM-E283

**Compliance****Listings:**

UL Classified

**Environment:**

Suitable for use indoors and outdoors in dry, damp, or wet environments.

**IC Rated:**

No

**Energy Star Approved:**

This product is ENERGY STAR® Certified.

**Energy Star ID:**

3554026

**Certification Model Number:**

DLR0143(R34-6)

**California Title 20 Compliant:**

Can be used to conform with the requirements of California Title 20

**California Title 24 JA8 Compliant:**

No

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

**NSF Listed:**

No

**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 15 of the FCC Rules

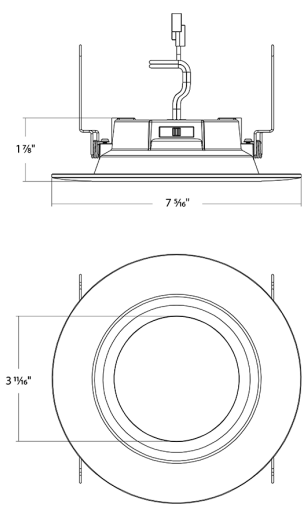
**Trade Agreements Act Compliant:**

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

**Other****5-Year, No-Compromise 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).

Dimensions



Features

- Use to replace traditional halogen and incandescent light sources
- 5 selectable CCTs 2700/3000/3500/4000/5000K
- Compatible with most standard recessed housings
- E26 Edison base adapter included
- Anti-UV plastic extends the life of the housing

Ordering Matrix

Family	Size (Wattage)	Shape	CRI/Color Temp	Driver	Finish	Trim	Options
R34	6						/BP
	4 = 4" (7.5W) 6 = 6" (10W)	Blank = Round	Blank = 90CRI, 2700/3000/3500/4000/5000K CCT Adjustable	Blank = 120V, TRIAC/ELV	Blank = White	Blank = Smooth B = Baffle	Blank = 1 Pack /BP = Bulk-12 Pack