R34S-4B

RAB®

Color: White   Weight: 0.0 lbs

Project:		Type:
Prepared By:		**Date:**

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	7W

LED Info

Watts	7W
Color Temp	2700/3000/3500/4000/5000K
Color Accuracy	90 CRI
L70 Lifespan	50,000 Hours
Lumens	600 lm
Efficacy	86

Technical Specifications

Performance

Product Type:
Retrofit Downlight

Description:
Square retrofit downlight with 5 field-adjustable color temperatures. Ideal for applications with tighter budgets.

Wattage Equivalency:
60W Incandescent

Input Wattage:
7W

Lumens:
600lm

Efficacy:
86lm/W

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:
Constant Current

Power Factor:
≥0.7

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

R9 Value:
High color performance with R9 greater than 50

Color Consistency:
<4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color (2700K/5000K)

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 can housing

Base Type:
E26 Edison

Construction

Size:
4"

Shape:
Square

Finish:
White

Technical Specifications (continued)

Enclosure Material:
Plastic

Trim Style:
Baffle

Lens Finish:
Frosted

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

Compliance

Listings:
UL Classified, UL Recognized

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

IC Rated:
No

Air Tight:
No

Energy Star Approved:
This product is ENERGY STAR® Certified.

DLC Listed:
No

Certification Model Number:
DLR0158(R34S-4B)

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

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:
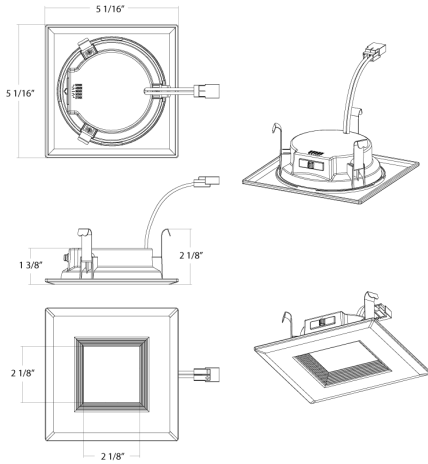Complies with Part 15 of the FCC Rules

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.

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.

RAB®

Dimensions

5 1/16"

5 1/16"

1 3/8"

2 1/8"

2 1/8"

2 1/8"

Features

- Use to replace traditional halogen and incandescent light sources
- 5 color temperatures in 1 SKU (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
- 50,000-hour lifespan

Ordering Matrix

Family	Size/Wattage	Shape	CRI/Color Temp	Driver	Finish	Trim
R34	S	4				B
	4 = 4", 7W **6 =** 6", 10W	**S =** Square	**Blank =** 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable	**Blank =** 120V, TRIAC/ELV	**Blank =** White	**Blank =** Smooth **B =** Baffle

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

Copyright © 2025 RAB Lighting All Rights Reserved   Note: Specifications are subject to change at any time without notice

Page 3 of 3