



Color: Black

Weight: 0.6 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	9W

LED Info

Watts	9W
Color Temp	2700/3000/3500/4000/5000K
Color Accuracy	90 CRI
L70 Lifespan	N/A
Lumens	900 lm
Efficacy	100

Technical Specifications

Performance

Product Type:

LED Trim - Polycarbonate

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:

6W

Lumens:

900lm

Lumens (Measured):

2700K: 927lm
3000K: 954lm
3500K: 985lm
4000K: 966lm
5000K: 917lm

Efficacy:

100lm/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

Input Current @ 120V (mA):

90mA

Operating Temperature:

-4°F to 104°F (-20 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

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 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.

Technical Specifications (continued)

Installation

Mounting:

Recessed can housing

Construction

Size:

6"

Shape:

Square

Finish:

Black

Material:

Constructed from robust UV resistant polycarbonate

Trim Style:

Baffle

Lens Finish:

Frosted

Lens:

Smooth flat profile polycarbonate lens diffuser

Compliance

Listings:

UL Classified, UL Recognized

Environment:

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

IC Rated:

Depends on recessed housing used

Air Tight:

No

Energy Star Approved:

This product is ENERGY STAR® Certified.

Certification Model Number:

DLR0168(R34S-6B-B)

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

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

Compatible Accessories:

NDCANIC6R

6" Recessed housing, new construction

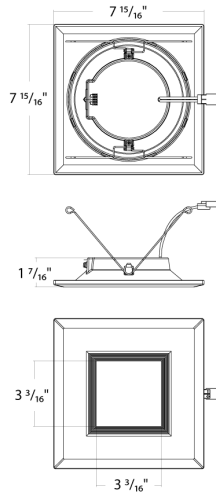
RDCANIC6R

6" Recessed housing, remodeler

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.

Dimensions



Features

- 4" & 5/6" Recessed LED trims are compatible with most recessed housings
- Lumen outputs: 4" - up to 650 lumens, 6" up to 1,050 lumens
- 5 Color temperature selectable 2700K, 3000K, 3500K, 4000K, & 5000K
- Constructed from UV resistant polycarbonate available in a smooth splay reflector or baffled trim with a smooth flat frosted polycarbonate lens
- Available in Painted White or Black finish.
- Dimmable down to 10% with compatible TRIAC/ELV dimmers, see dimmer compatibility list
- 5-year warranty, 50,000 hours lifespan, Title 20 compliant, wet location rated

Ordering Matrix

Family	Size/Wattage	Shape	CRI/Color Temp	Driver	Finish	Trim
R34	S	6			B	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