R34-6



Color: White

Weight: 0.4 lbs

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

Driver Info

Type	Constant Current
120V	0.10A
208V	N/A
240V	N/A
277V	N/A
Input Watts	10W

LED Info

Watts	10W
Color Temp	2700/3000/3500/4000/5000K
Color Accuracy	90 CRI
L70 Lifespan	N/A
Lumens	900 lm
Efficacy	90

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 (Nominal):
900lm

Efficacy:
90lm/W

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

Driver:
Constant Current 120V 60 Hz; 120V: 100mA

Electrical

THD:
≤100%

Power Factor:
≥0.9

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 to 40°C)

Flicker:
≤30%

Emergency Operation:
Not for emergency use.

LED Characteristics

Beam Angle:
90°

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

Color Tuning:
No

Color Accuracy (CRI):
≥90

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.

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Technical Specifications (continued)

Installation

Mounting:
Requires recessed housing. Compatible on most standard 5" or 6" housings

Base Type:
E26 Edison adapter included

Installation Assembly:
Fully captured V-springs

Construction

Size:
6"

Shape:
Round

Finish:
White

Enclosure Material:
Injection molded plastic construction is impact-resistent and non-corrosive. Non-conductive construction meets most local dead-front code requirements.

Trim Style:
Smooth

Lens Finish:
Frosted

Lens:
Smooth flat profile polycarbonate lens diffuser

Compliance

Air Tight:
Airtight per ASTM-E283-04

Listings:
UL Classified

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

IC Rated:
Depends on recessed housing used

Energy Star Approved:
This product is ENERGY STAR® Version 2.2 Certified

DLC Listed:
No. There is no product category on the Design Lights Consortium (DLC) Qualified Products List for this product to qualify under.

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:
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 15 of the FCC Rules

Other

Compatible Accessories:
DLTRIM/R34-6-[B][BN][BRZ]
6" Round color trim, smooth

DLTRIM/R6RS-[BN][BRZ][B]
6" Round color trim, smooth

DLTRIM/R6RB-[BN][BRZ][B]
6" Round color trim, baffle

SNDCANIC6R
6" Shallow new construction can housing

NDCANIC6R/E26
6" New construction can housing

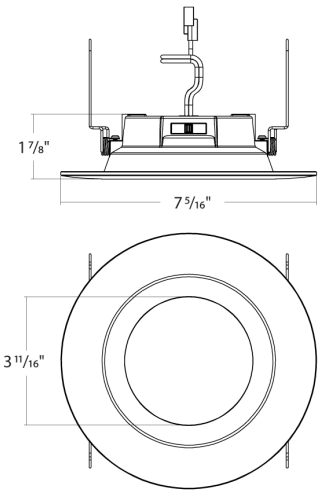
FRCANIC6R[/E26]
6" Fire rated new construction can housing

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

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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
- 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	Trim	Finish	Options
R34	6						
	4 = 4" (7.5W) **6 =** 6" (10W)	**Blank =** Round	**Blank =** 90CRI, 2700/3000/3500/4000/5000K CCT Adjustable	**Blank =** 120V, TRIAC/ELV	**B =** Baffle **Blank =** Smooth	**HW =** Haze White **K =** Black **Blank =** White	**Blank =** 1 Pack **/BP =** Bulk-12 Pack

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