R34-6B-K



Color: Black

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 Halogen

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 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.

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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:
Black

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

Trim Style:
Baffle

Lens Finish:
Frosted

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

Compliance

Air Tight:
Airtight per ASTM-E283-04

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

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

Certification Model Number:
DLR0178(R34-6B-B)

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

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:
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

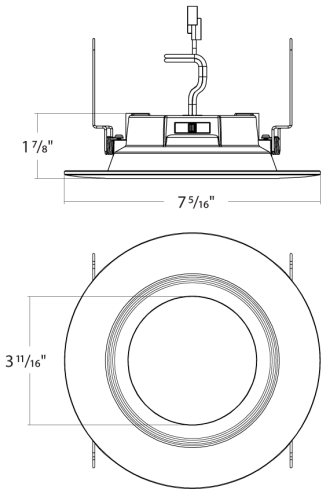
NDCANIC6R/E26
6" New construction can housing

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 stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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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				B	K	
	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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