# R34-6-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:**
Smooth

**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:**
DLR0177(R34-6-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

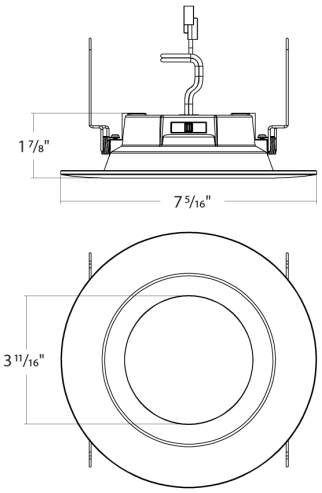
NDCANIC6R/E26
6" New construction can housing

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


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