



Color: Black

Weight: 0.4 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 | 6W               |

### LED Info

|                |                           |
|----------------|---------------------------|
| Watts          | 6W                        |
| Color Temp     | 2700/3000/3500/4000/5000K |
| Color Accuracy | 90 CRI                    |
| L70 Lifespan   | 50,000 Hours              |
| Lumens         | 600 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:

60W Incandescent

#### Input Wattage:

6W

#### Lumens:

600lm

#### Lumens (Measured):

2700K: 607lm  
3000K: 618lm  
3500K: 634lm  
4000K: 623lm  
5000K: 604lm

#### 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):

60mA

#### 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:

4"

#### 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:

DLR0166(R34S-4B-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:

NDCANIC4R

4" Recessed housing, new construction

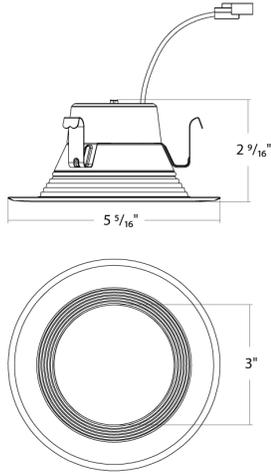
RDCANIC4R

4" 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](http://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                         | 4          |  |                         | B             | B                            |
|        | 4 = 4", 7W<br>6 = 6", 10W | S = Square | Blank = 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable | Blank = 120V, TRIAC/ELV | Blank = White | Blank = Smooth<br>B = Baffle |