



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	7/6/05W
120V	0.13A	Color Temp	2700/3000/3500/4000/5000K
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	N/A	Lumens	700/600/500 lm
Input Watts	7/6/05W	Efficacy	88

**Technical Specifications**

**Performance**

**Product Type:**

LED Trim - Metal

**Description:**

Available in 4" and 6" models with 3 power settings and 5 field-adjustable color temperatures. Offered with smooth or baffle trims. Ideal for applications with tighter budgets.

**Wattage Equivalency:**

40W/50W/60W Incandescent

**Input Wattage:**

7/6/5W

**Lumens:**

700/600/500lm

**Measured Lumens:**

5W  
2700K: 507lm  
3000K: 511lm  
3500K: 515lm  
4000K: 512lm  
5000K: 508lm

6W  
2700K: 612lm  
3000K: 620lm  
3500K: 622lm  
4000K: 624lm  
5000K: 614lm

7W  
2700K: 706lm  
3000K: 714lm  
3500K: 719lm  
4000K: 718lm  
5000K: 703lm

**Efficacy:**

88lm/W

**L70 Lifespan:**

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

**Electrical**

**Driver:**

Constant Current

**THD:**

≤20%

**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

**Input Current @ 120V (mA):**

70mA

**Operating Temperature:**

-4°F to 104°F (-20 to 40°C)

**Flicker:**

≤30%

**LED Characteristics**

**Beam Angle:**

85°±10°

**Technical Specifications (continued)****Color Temperature:**

Field-adjustable via dip switch  
2700/3000/3500/4000/5000K

**Color Accuracy (CRI):**

90 CRI

**R9 Value:**

High color performance with R9 greater than 50

**Color Consistency:**

<4-step MacAdam Ellipse binning to achieve  
consistent fixture-to-fixture color (2700K/5000K)

**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.

**Installation****Mounting:**

Recessed with housing

**Construction****Size:**

4"

**Shape:**

Round

**Finish:**

Black

**Material:**

Constructed from spun aluminum

**Trim Style:**

Smooth Splay

**Lens Finish:**

Frosted

**Lens:**

Single optic and full-face lens for precise beam angle  
control

**Compliance****Listings:**

UL Classified, UL Recognized

**Environment:**

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

**IC Rated:**

No

**Air Tight:**

No

**Energy Star Approved:**

This product is ENERGY STAR® Certified.

**Certification Model Number:**

DLR0171(R34X-4-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

**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:**

RFLD-GOOF-4R-6R-W

4"-6" Goof ring round white

DLTRIM/R4RS-BN

4" Color trim round smooth brushed nickel

DLTRIM/R4RS-BRZ

4" Color trim round smooth bronze

DLTRIM/R4RS-B

4" Color trim round smooth black

DLTRIM/R4RB-BN-L

4" Color trim round baffle brushed nickel

DLTRIM/R4RB-BRZ-L

4" Color trim round baffle bronze

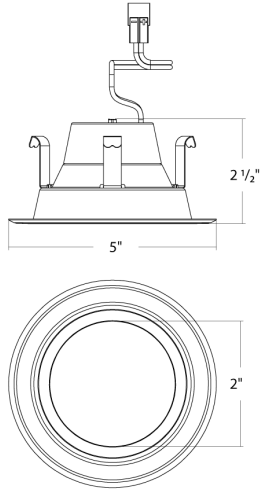
DLTRIM/R4RB-B-L

4" Color trim round baffle black

**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
- 3 Selectable lumen outputs: 4" - 500/600/700 lumens, 6" - 750/1,050/1,300 lumens
- 5 Color temperature selectable 2700K, 3000K, 3500K, 4000K, & 5000K
- Constructed from die-cast aluminum available in a smooth splay reflector or baffled trim with a smooth flat frosted polycarbonate lens
- Available in Painted White or Black finish. Optional color trim overlays sold separately.
- Dimmable down to 10% with compatible TRIAC/ELV dimmers, see dimmer compatibility list
- 5-year warranty, 50,000 hours lifespan, Title 24 JA8 and Title 20 compliant, wet location rated, Air Tight

## Ordering Matrix

Family	Size/Wattage	Shape	CRI/Color Temp	Driver	Finish	Trim
R34X		4			B	
	4 = 4", 7/6/5W 6 = 6", 14/11/7.5W	Blank = Round	Blank = 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable	Blank = 120V	Blank = White	Blank = Smooth B = Baffle