

# R34 CCT-Adjustable Retrofit Downlight



PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



4" & 5/6", CCT-Adjustable, 120V Triac Dimming, Smooth & Baffle.



## KEY FEATURES

- 4" & 5/6" Recessed LED trims are compatible with most recessed housings
- Output: 4" up to 750 lumens, 6" up to 1,000 lumens
- 5 Selectable color temperatures 2700/3000/3500/4000/5000K
- Constructed from UV-resistant polycarbonate available in a smooth splay reflector or baffled trim with a smooth flat frosted polycarbonate lens
- Dimmable down to 10% with compatible TRIAC/ELV dimmers, see dimmer compatibility list
- 5-year warranty, 50,000-hour lifespan, Title 20 compliant, wet location rated

## PERFORMANCE

Catalog Number	Size	Trim Style	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature	CRI	L70 Lifespan
R34-4	4"	Smooth	60W Incandescent	7.5W	700 lm	93 lm/W	Field-Adjustable dip switch 2700/3000/3500/4000/5000K	90+	50,000 hr
R34-4/BP									
R34-4B	4"	Baffle	60W Incandescent	7.5W	700 lm	93 lm/W			
R34-4B/BP									
R34-6	6"	Smooth	75W Halogen	10W	900 lm	90 lm/W			
R34-6/BP									
R34-6B	6"	Baffle	75W Halogen	10W	900 lm	90 lm/W			
R34-6B/BP									

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
R34-4 R34-4/BP	7.5W	2700K	98 lm/W	726 lm	60W Incandescent
		3000K	101 lm/W	757 lm	
		3500K	109 lm/W	805 lm	
		4000K	108 lm/W	798 lm	
		5000K	104 lm/W	767 lm	
R34-4B R34-4B/BP	7.5W	2700K	96 lm/W	714 lm	60W Incandescent
		3000K	100 lm/W	747 lm	
		3500K	106 lm/W	794 lm	
		4000K	106 lm/W	787 lm	
		5000K	102 lm/W	755 lm	

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## PERFORMANCE (CONT'D)

Catalog Number	Wattage	CCT	Efficacy	Lumens	Wattage Equivalency
R34-6 R34-6/BP	10W	2700K	99 lm/W	912 lm	75W Halogen
		3000K	101 lm/W	943 lm	
		3500K	103 lm/W	981 lm	
		4000K	103 lm/W	968 lm	
		5000K	103 lm/W	940 lm	
R34-6B R34-6B/BP	10W	2700K	99 lm/W	912 lm	75W Halogen
		3000K	103 lm/W	961 lm	
		3500K	103 lm/W	989 lm	
		4000K	105 lm/W	987 lm	
		5000K	104 lm/W	951 lm	

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

**Product Type**

Recessed Retrofit Downlight

**Size**

4" & 6"

**Shape**

Round

**Enclosure Material**

Injection molded plastic construction is impact-resistant and non-corrosive  
Non-conductive construction meets most local dead-front code requirements

**Finish**

White

**Lens**

Polycarbonate

**Trim Style**

Smooth, baffle

**Installation Assembly**

- Fully captured V-springs on 6"
- Friction clips on 4"

### INSTALLATION

**Mounting**

Requires recessed housing

4" - Compatible on most standard 4" housings

6" - Compatible on most standard 5" or 6" housings

**Base Type**

E26 Edison

### COMPLIANCE

**Listing**

UL Classified

**Environment**

Suitable for use in dry, damp, and wet environments.

**UV Rated**

Suitable for exposure to direct sunlight.

**Energy Star Approved**

Yes

**Air Tight**

Airtight per ASTM-E283

**DLC Listed**

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

**T20 Compliant**

Can be used to conform with the requirements of California Title 20.

**California Title 24 JA8 Compliant**

Yes

**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 & LM80 Testing**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**FCC**

Complies with Part 15 of the FCC Rules.

**RoHS**

Mercury and UV free. RoHS-compliant components.

## TECHNICAL SPECIFICATIONS (CONT'D)

### ELECTRICAL

#### Dimmable

Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

#### THD

≤20%

#### Power Factor

≥0.7

#### Flicker

≤30%

#### Input Voltage

120V

#### Operating Frequency

60Hz

#### Operating Temperature

-13°F to 104°F (-25°C to 40°C)

#### Beam Angle

90°

### LED CHARACTERISTICS

#### Color Temperature

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

#### Color Accuracy (CRI)

>90

#### R9 Value

High color performance with R9 greater than or equal to 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.

### OTHER

#### Warranty

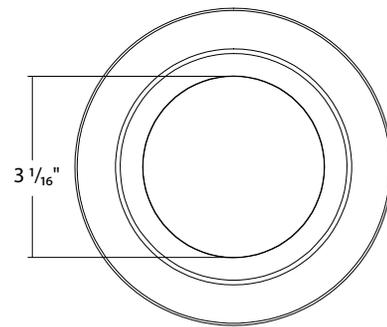
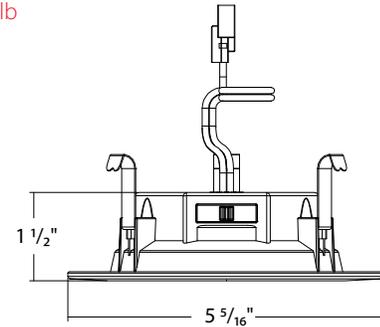
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## DIMENSIONS

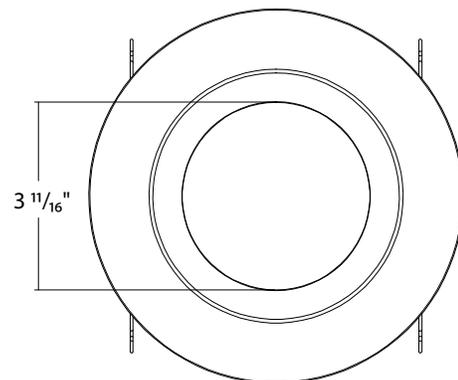
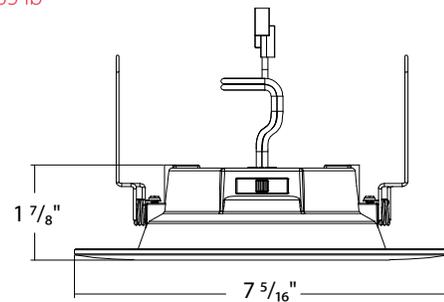
### R34-4, R34-4B

Weight: 0.24 lb



### R34-6, R34-6B

Weight: 0.35 lb



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## ACCESSORIES

### Baffle Trims



Brushed Nickel



Black



Bronze

Catalog Number	UPC	Description
DLTRIM/R4RB-BN-L	192552028219	4" Brushed nickel trim round baffle
DLTRIM/R4RB-BRZ-L	192552028226	4" Bronze trim round baffle
DLTRIM/R4RB-B-L	192552028202	4" Black trim round baffle
DLTRIM/R6RB-BN	192552000987	6" Brushed nickel trim round baffle
DLTRIM/R6RB-BRZ	192552022279	6" Bronze trim round baffle
DLTRIM/R6RB-B	192552001007	6" Black trim round baffle

### Retrofit Band



Catalog Number	UPC	Description
RFLED-RETROBAND	192552013710	Retrofit band with friction clips

### Housings



NDCANIC4R



NDCANIC6R



RDCANIC4R



RDCANIC6R

Catalog Number	UPC	Description
NDCANIC4R	19813702346	4" New construction housing
RDCANIC4R	19813702322	4" Retrofit housing
NDCANIC6R	19813702353	6" New construction housing
RDCANIC6R	19813702339	6" Retrofit housing

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## ORDERING INFO

Catalog Number	Certification Model Number	UPC	Case Pack
R34-4	DLR0141(R34-4)	192552031141	6
R34-4B	DLR0142(R34-4B)	192552031158	6
R34-6	DLR0143(R34-6)	192552031165	6
R34-6B	DLR0144(R34-6B)	192552031172	6
R34-4/BP	DLR0141(R34-4)	192552018272	12
R34-4B/BP	DLR0142(R34-4B)	192552018289	12
R34-6/BP	DLR0143(R34-6)	192552018296	12
R34-6B/BP	DLR0144(R34-6B)	192552018302	12

## ORDERING MATRIX

Family	Size/Wattage	Shape	CRI/Color Temp	Driver	Finish	Trim	Options
R34	-						
	4 6	4", 7.5W 6", 10W	Blank Round Blank	90CRI, Field-Adjustable 2700/3000/3500/4000/5000K	Blank Blank	120V, TRIAC/ELV	Blank White Blank Smooth Baffle Blank /BP Bulk-12 Pack

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## Dimmer Compatibility List

R34-4            R34-4/BP  
 R34-4B        R34-4B/BP  
 R34-6           R34-6/BP  
 R34-6B        R34-6B/BP

Visit [www.rablighting.com](http://www.rablighting.com) for periodic updates to this list or contact us at 888-722-1000 for questions or comments.

Number	Dimmers		Quantities			
	Dimmer Brand	Dimmer Model	1	4	6	8
1	RAB	XDIM	✓	✓	✓	✓
2	RAB	XDIM/LCB	✓	✓	✓	✓
3	LUTRON	MACL-153M	✓	✓	✓	✓
4	LUTRON	SCL-153P	✓	✓	✓	✓
5	LEVITON	Cat.NO.6674	✓	✓	✓	✓
6	LUTRON	DVCL-153P	✓	✓	✓	✓
7	LEVITON	NO.6672	✓	✓	✓	✓
8	LEGRAND	RHCL453PTC	✓	✓	✓	✓
9	LEGRAND	DCL453PTCCCV6	✓	✓	✓	✓
10	LEGRAND	HCL453PTCCCV6	✓	✓	✓	✓
11	LUTRON	CTCL-153PDH-WH	✓	✓	✓	✓
12	LUTRON	TGCL-153PH-WH	✓	✓	✓	✓
13	LEVITON	R12-06672-1LW	✓	✓	✓	✓
14	LEVITON	R50-IPL06-10M	✓	✓	✓	✓
15	LUTRON	DVWCL-153PH-WH	✓	✓	✓	✓