

# R34X Field-Adjustable Retrofit Downlight



5/6 in

4 in



Adjustable CCT and brightness.



FIELD ADJUSTABLE



90 CRI



50,000 HOURS



WET RATED



120V



TRIAC

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

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

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

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



## KEY FEATURES

- Available in 4" & 5/6" size with smooth or baffle trim
- Dual selectable: brightness and color temperature 2700/3000/3500/4000/5000K
- Compatible with most standard recessed housings
- Wet location listed for showers or covered outdoor locations
- Dimmable down to 10% on compatible dimmers

## PERFORMANCE

Catalog Number	Size	Trim Style	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Color Temperature	CRI	Energy Star ID
R34X-4	4"	Smooth	40W Incandescent	7/6/5W	500/600/700 lm	70 lm/W	Field adjustable via dip switch 2700/3000/3500/4000/5000K	>90 CRI	3892618
R34X-4B		Baffle							
R34X-6	6"	Smooth	75W Incandescent	14/11/7.5W	750/1050/1300 lm	70 lm/W			
R34X-6B		Baffle							3892619

Catalog Number	Wattage	CCT	Efficacy	Lumens
R34X-4 R34X-4B	7/6/5W	2700K	100 lm/W	500/600/700 lm
		3000K	103 lm/W	515/620/720 lm
		3500K	107 lm/W	530/640/740 lm
		4000K	108 lm/W	540/650/750 lm
		5000K	105 lm/W	520/630/730 lm

Catalog Number	Wattage	CCT	Efficacy	Lumens
R34X-6 R34X-6B	14/11/7.5W	2700K	100 lm/W	750/1050/1300 lm
		3000K	103 lm/W	770/1080/1330 lm
		3500K	107 lm/W	800/1110/1360 lm
		4000K	108 lm/W	810/1120/1370 lm
		5000K	104 lm/W	780/1090/1340 lm

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

<b>Product Type</b> Retrofit Downlight	<b>Enclosure Material</b> Metal
<b>Size</b> 4", 6"	<b>Finish</b> White
<b>Shape</b> Round	<b>Lens Finish</b> Single optic and full-face lens for precise beam angle control applications
<b>Trim Style</b> Smooth & Baffle	

### COMPLIANCE

**Listing**  
UL Classified, UL Recognized

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

**Energy Star Approved**  
This product is ENERGY STAR® Certified.

**California Title 20 Compliant**  
No

**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 Sale in California

**NEC Compliant**  
Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C1).

**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.

**RoHS**  
Mercury and UV free. RoHS-compliant components.

**FCC**  
Complies with Part 15 of the FCC Rules.

### INSTALLATION

**Mounting**  
Installs on existing standard recessed housings

**Adapter**  
E26 base socket adapter included

### ELECTRICAL

**Power Factor**  
>0.9

**Input Voltage**  
Line Voltage: 120V

**Driver**  
Constant Current

**Operating Frequency**  
60Hz

**Operating Temperature**  
-4°F to 104°F (-20°C to 40°C)

**Dimming**  
Yes, dimmable down to 0% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.

**Flicker**  
<30%

**THD**  
≤20%

### LED CHARACTERISTICS

**Beam Angle**  
85°

**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 or equal to 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.

### 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)

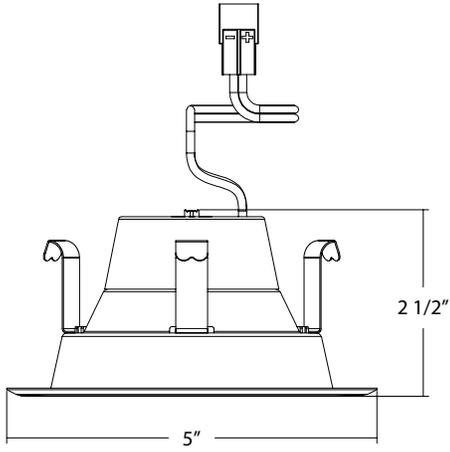
# R34X Field-Adjustable Retrofit Downlight



## DIMENSIONS

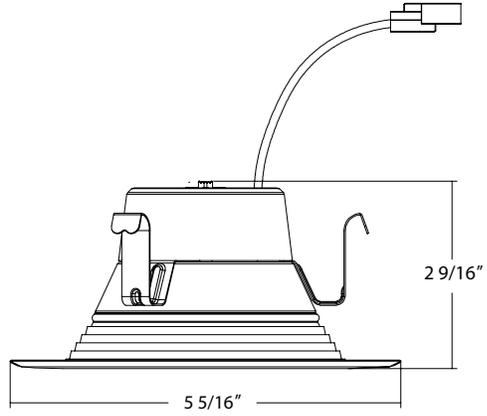
R34X-4

Weight: 0.37 lbs



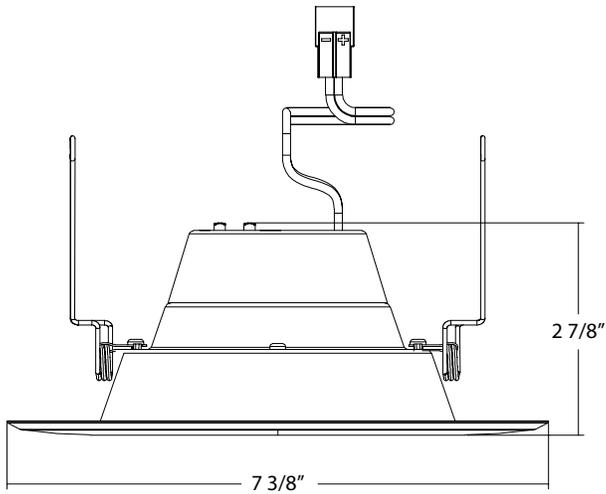
R34X-4B

Weight: 0.39 lbs



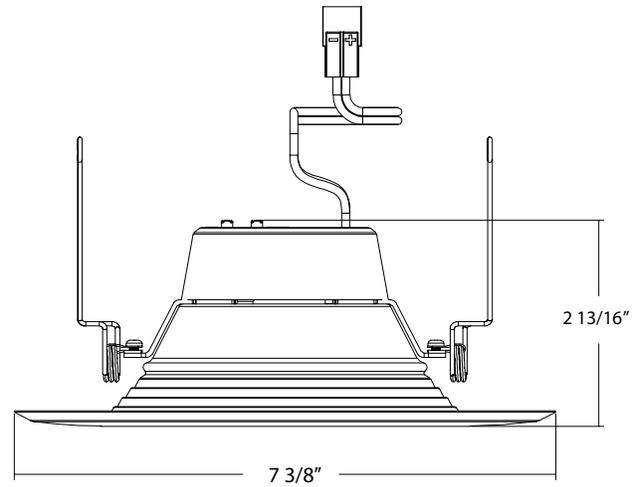
R34X-6

Weight: 0.46 lbs



R34X-6B

Weight: 0.46 lbs



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## OPTIONAL ACCESSORIES

### Smooth Trims



Brushed Nickel



Black



Bronze

Catalog Number	UPC	Description
DLTRIM/R4RS-BN	192552000895	4" Round smooth brushed nickel color trim
DLTRIM/R4RS-BRZ	192552022248	4" Round smooth bronze color trim
DLTRIM/R4RS-B	192552000918	4" Round smooth black color trim
DLTRIM/R6RS-BN	192552000925	6" Round smooth brushed nickel color trim
DLTRIM/R6RS-BRZ	192552022255	6" Round smooth bronze color trim
DLTRIM/R6RS-B	192552000949	6" Round smooth black color trim

### Baffle Trims



Brushed Nickel



Black



Bronze

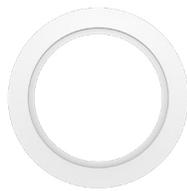
Catalog Number	UPC	Description
DLTRIM/R4RB-BN-L	192552028219	4" Round baffle brushed nickel color trim
DLTRIM/R4RB-BRZ-L	192552028226	4" Round baffle bronze color trim
DLTRIM/R4RB-B-L	192552028202	4" Round baffle black color trim
DLTRIM/R6RB-BN	192552000987	6" Round baffle brushed nickel color trim
DLTRIM/R6RB-BRZ	192552022279	6" Round baffle bronze color trim
DLTRIM/R6RB-B	192552001007	6" Round baffle black color trim

### Retrofit Band



Catalog Number	UPC	Description
RFLED-RETROBAND	192552013710	Retrofit band

### Goof Rings



Catalog Number	UPC	Description
RFLED-GOOF-4R-6R-W	192552013727	4"-6" goof ring
RFLED-GOOF-6R-8R-W	192552013734	6"-8" goof ring

### Emergency Backup Driver



Catalog Number	UPC	Description
DRI-25-EMGR-DC	019813519180	Emergency backup driver

# R34X Field-Adjustable Retrofit Downlight



## ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
R34X-4	DLR0161(R34X-4)	192552039680	4
R34X-6	DLR0162(R34X-4B)	192552039697	4
R34X-6	DLR0163(R34X-6)	192552039703	4
R34X-6B	DLR0164(R34X-6B)	192552039710	4

## ORDERING MATRIX

Family	Shape	Size(Wattage)	CRI/Color Temp	Driver	Finish	Trim
R34X	R	4 6	Blank	Blank	White	Blank
	Round	4 in, 7/6/5W 6 in, 14/11/7.5W	90CRI, 2700/3000/3500/4000/5000K	120V		Smooth Baffle

# R34X Field-Adjustable Retrofit Downlight



## Dimmer Compatibility List

R34X-4  
 R34X-4B  
 R34X-6  
 R34X-6B

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.

Dimmers		Lamp Quantities						Dimming Level
Dimmer Brand	Dimmer Model	1	2	3	4	5	6	
LUTRON	MACL-153M	✓	✓	✓	✓	✓	✓	10~100%
LUTRON	SCL-153P	✓	✓	✓	✓	✓	✓	10~100%
LEVITON	Cat.NO.6674	✓	✓	✓	✓	✓	✓	10~100%
LUTRON	DVCL-153P	✓	✓	✓	✓	✓	✓	10~100%
LEVITON	NO.6672	✓	✓	✓	✓	✓	✓	10~100%
LEGRAND	RHCL453PTC	✓	✓	✓	✓	✓	✓	10~100%
LEGRAND	HCL453PTCCCV6	✓	✓	✓	✓	✓	✓	10~100%
LUTRON	CTCL-153PDH-WH	✓	✓	✓	✓	✓	✓	10~100%
LUTRON	TGCL-153PH-WH	✓	✓	✓	✓	✓	✓	10~100%
LEVITON	R12-06672-1LW	✓	✓	✓	✓	✓	✓	10~100%
LEVITON	R50-IPL06-10M	✓	✓	✓	✓	✓	✓	10~100%
LUTRON	DVWCL-153PH-WH	✓	✓	✓	✓	✓	✓	10~100%
RAB	XDIM	✓	✓	✓	✓	✓	✓	10~100%