

# R34X Field-Adjustable Retrofit Downlight



4" White Smooth or Baffle



4" Black Smooth or Baffle



5/6" White Smooth or Baffle



5/6" Black Smooth or Baffle



4" & 5/6", Wattage & CCT Adjustable Downlights, 120V TRIAC Dimming, Smooth & Baffle Trims



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

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

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

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



## KEY FEATURES

- 4" & 5/6" Recessed downlights are compatible with most recessed housings
- 3 Selectable lumen outputs: 4" – 700/600/500 lumens, 6" – 1,300/1,050/750 lumens
- 5 Selectable color temperatures: 2700/3000/3500/4000/5000K
- 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
- Dimmable down to 10% with compatible TRIAC/ELV dimmers, see dimmer compatibility list
- 5-year warranty, 50,000-hour lifespan, Title 20 compliant

## PERFORMANCE

Catalog Number	Size	Trim Style	Finish	Wattage	Color Temperature	Lumens (lm)	Efficacy (lm/w)
R34X-4	4"	Smooth Splay	White	7/6/5W	2700/3000/3500/4000/5000K	515/620/720	103
R34X-4-B			Black			510/619/714	109
R34X-4B		Baffle	White			515/620/720	103
R34X-4B-B			Black			516/625/728	105
R34X-6	6"	Smooth Splay	White	14/11/7.5W	2700/3000/3500/4000/5000K	770/1080/1330	103
R34X-6-B			Black			780/1093/1377	108
R34X-6B		Baffle	White			770/1080/1330	103
R34X-6B-B			Black			775/1137/1381	107

## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

<b>Product Type</b> Retrofit Downlight	<b>Trim Material</b> Constructed from spun aluminum
<b>Size</b> 4" and 5/6"	<b>Finish</b> White and Black
<b>Shape</b> Round	<b>Lens Finish</b> Single optic and full-face lens for precise beam angle control
<b>Trim Style</b> Smooth Splay and Baffled	

### COMPLIANCE

<b>Listing</b> UL Classified, UL Recognized
<b>Environment</b> Suitable for use indoors and outdoors in dry, damp, or wet environments.
<b>IC Rated</b> Can be IC Rated when paired with IC Rated recessed housing.
<b>Air Tight</b> No
<b>Energy Star Approved</b> This product is ENERGY STAR® Certified.
<b>California Title 20 Compliant</b> Can be used to conform with the requirements of California Title 20.
<b>California Title 24 JA8 Compliant</b> Can be used to conform with the requirements of California Title 24 Part 6.
<b>California Energy Commission (CEC) Status</b> Lawful for Sale in California
<b>NEC Compliant</b> Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C3).
<b>IESNA LM-79 &amp; LM80 Testing</b> RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.
<b>RoHS</b> Mercury and UV free. RoHS-compliant components.
<b>FCC</b> Complies with Part 15 of the FCC Rules.

### INSTALLATION

<b>Mounting</b> Designed to be installed in standard recessed housings.
<b>Adapter</b> E26 Edison socket adapter included.

### ELECTRICAL

<b>Power Factor</b> >0.9
<b>Input Voltage</b> 120V
<b>Driver</b> Constant Current
<b>Operating Frequency</b> 60Hz
<b>Operating Temperature</b> -4°F to 104°F (-20°C to 40°C)
<b>Dimming</b> Dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.
<b>Flicker</b> <30%
<b>THD</b> ≤20%

### LED CHARACTERISTICS

<b>Beam Angle</b> 85°
<b>Color Temperature</b> Field-adjustable via dip switch 2700/3000/3500/4000/5000K
<b>Color Accuracy (CRI)</b> 90
<b>R9 Value</b> High color performance with R9 greater than or equal to 50
<b>Color Consistency</b> 4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color (2700K/5000K).
<b>Color Stability</b> LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period.
<b>Color Uniformity</b> 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

<b>Warranty</b> 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 <a href="http://rablighting.com/warranty">rablighting.com/warranty</a> .
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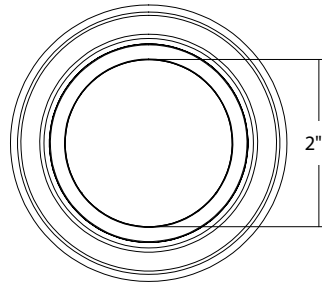
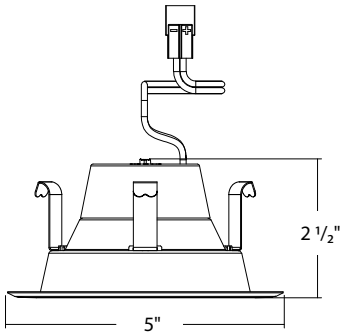
# R34X Field-Adjustable Retrofit Downlight



## DIMENSIONS

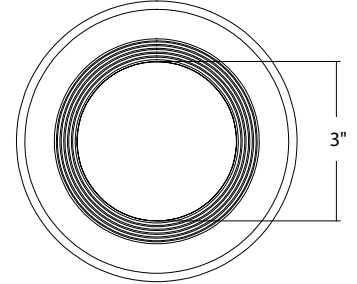
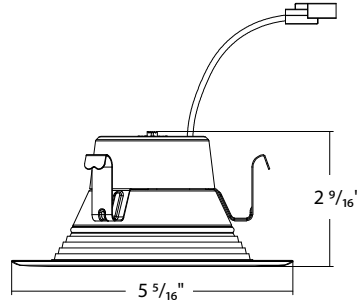
### R34X-4

Weight: 0.37 lbs



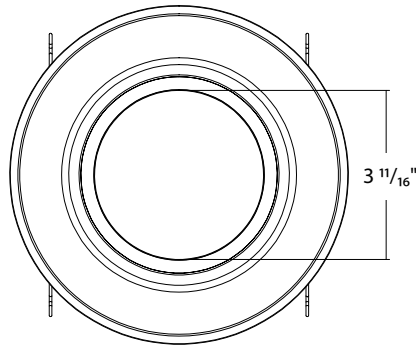
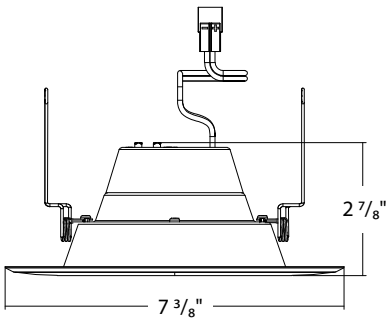
### R34X-4B

Weight: 0.39 lbs



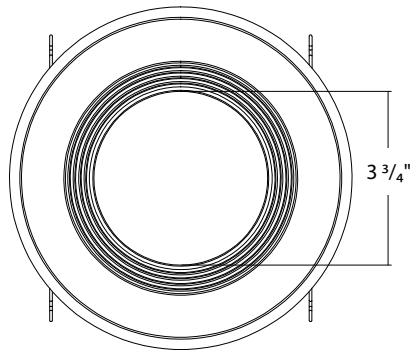
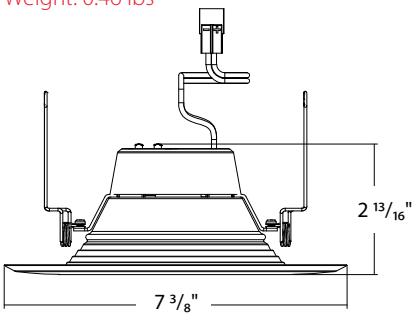
### R34X-6

Weight: 0.46 lbs



### R34X-6B

Weight: 0.46 lbs



## 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

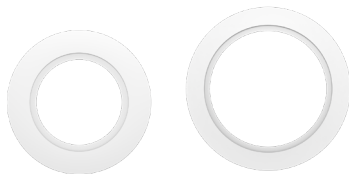
Catalog Number	UPC	Description
DLTRIM/R4RB-BN-L	192552028219	4" Round baffle brushed nickel color trim
DLTRIM/R4RB-BRZ-L	192552028226	4" Round baffle bronze color trim
DLTRIM/R4RB-B-L	192552028202	4" Round baffle black color trim
DLTRIM/R6RB-BN	192552000987	6" Round baffle brushed nickel color trim
DLTRIM/R6RB-BRZ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

### Retrofit Band



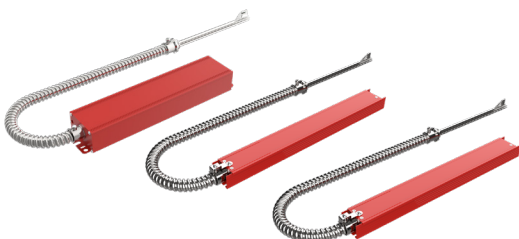
Catalog Number	UPC	Description
RFLED-RETROBAND	192552013710	Retrofit band

### 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
EMB-9	192552051187	EM DRIVER 100-347V 9W 0-10V DIM
EMB-15	192552051194	EM DRIVER 100-347V 15W 0-10V DIM
EMB-25	192552051200	EM DRIVER 100-347V 25W 0-10V DIM

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## 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	DLR0172(R34X-4B-B)	192552039703	4
R34X-6B	DLR0164(R34X-6B)	192552039710	4

## ORDERING MATRIX

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

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## Dimmer Compatibility List

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%