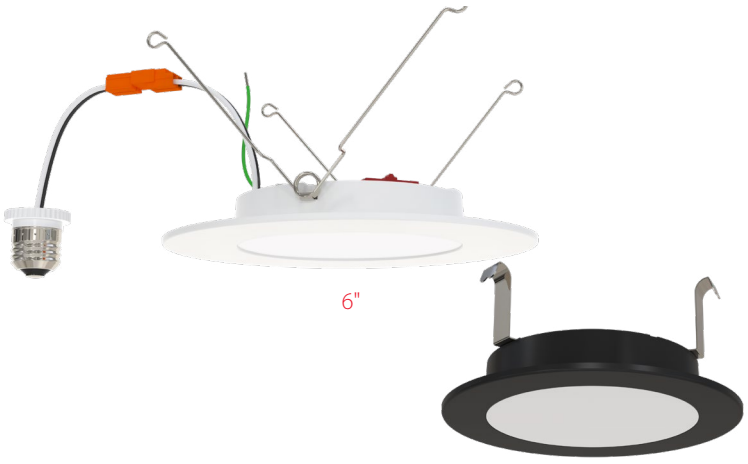
CCT-Adjustable WFRETRO34



WHITE BLACK

PROJECT:

DATE:

TYPE:

PREPARED BY:

4" & 5/6" Retrofit LED Trim, Flush Lens & Baffle, CCT Adjustable, 120V TRIAC Dimmable

FIELD ADJUSTABLE | 90 CRI | FLUSH LENS | BAFFLE LENS | 50,000 HOURS | WET RATED | 120V | AIR TIGHT | TRIAC 0-10V

KEY FEATURES

- Flush lens retrofit downlight that looks like a wafer from below the ceiling
- Adjustable color temperature: 2700/3000/3500/4000/5000K
- Flush or step baffle lens
- Mounts inside standard 4" or 6" recessed downlight housings
- Air Tight, Wet Location, and 5-year limited warranty

PERFORMANCE

Catalog Number	Size	Trim Style	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Dim Type	Input Voltage	Beam Angle	Color Temp.	L70 Lifespan	Environment	Energy Star ID
WFRETRO34-4	4"	Smooth	40W Incandescent	8W	800	100	TRIAC/ELV	120V	110°±10°	90	50k hrs	Wet	TBA
WFRETRO34-4B	4"	Baffle	40W Incandescent	8W	800	100	TRIAC/ELV	120V	110°±10°	90	50k hrs	Wet	TBA
WFRETRO34-6	6"	Smooth	60W Incandescent	11W	1100	100	TRIAC/ELV	120V	110°±10°	90	50k hrs	Wet	TBA
WFRETRO34-6B	6"	Baffle	60W Incandescent	11W	1100	100	TRIAC/ELV	120V	110°±10°	90	50k hrs	Wet	TBA
WFRETRO34-4-B	4"	Smooth	40W Incandescent	8W	800	100	TRIAC/ELV	120V	110°±10°	90	50k hrs	Wet	TBA
WFRETRO34-4B-B	4"	Baffle	40W Incandescent	8W	800	100	TRIAC/ELV	120V	110°±10°	90	50k hrs	Wet	TBA
WFRETRO34-6-B	6"	Smooth	60W Incandescent	11W	1100	100	TRIAC/ELV	120V	110°±10°	90	50k hrs	Wet	TBA
WFRETRO34-6B-B	6"	Baffle	60W Incandescent	11W	1100	100	TRIAC/ELV	120V	110°±10°	90	50k hrs	Wet	TBA

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PERFORMANCE *(cont'd)*

Catalog Number	Wattage	Color Temperature	Lumens	Efficacy
WFRETRO34-4	8W	2700K	794	104.4
		3000K	825	110.1
		3500K	878	108.6
		4000K	863	106.1
		5000K	832	101.2
WFRETRO34-4B-B	8W	2700K	793	100.5
		3000K	824	103.7
		3500K	879	109.9
		4000K	864	108.2
		5000K	832	105.7
WFRETRO34-6-B	11W	2700K	1117	106.3
		3000K	1144	109.0
		3500K	1210	112.0
		4000K	1192	112.4
		5000K	1182	112.5
WFRETRO34-6B-B	11W	2700K	1106	105.4
		3000K	1134	107.0
		3500K	1199	111.0
		4000K	1182	111.5
		5000K	1166	111.0

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type
Retrofit Wafer

Size
4" & 5/6"

Shape
Round

Trim Style
Flush and Baffle

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

Finish
White, black

Lens Finish
Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

COMPLIANCE

Listings
UL Classified, UL Recognized

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

Air Tight
Housing certified Air Tight as per ASTM E283

Energy Star Approved
This product is ENERGY STAR® Certified

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

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

RoHS
Mercury and UV free. RoHS-compliant components.

FCC
Complies with Part 15 of the FCC Rules.

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TECHNICAL SPECIFICATIONS *(cont'd)*

LED CHARACTERISTICS

Beam Angle
110°

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

Default: 3000K

Color Accuracy (CRI)
90+ CRI

R9 Value
High-color performance with R9 greater than 50

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

INSTALLATION

Mounting
Recessed housing
4" - Compatible on most standard 4" housings
6" - Compatible on most 5" or 6" housings

Base Type
E26 Edison base adapter included

Installation Assembly
Fully capture V-springs on 6." Friction clips on 4."

ELECTRICAL

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

Driver
Constant Current, 120V; 60 Hz

Input Voltage
120V

Operating Frequency
60Hz

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

Power Factor
≥0.9

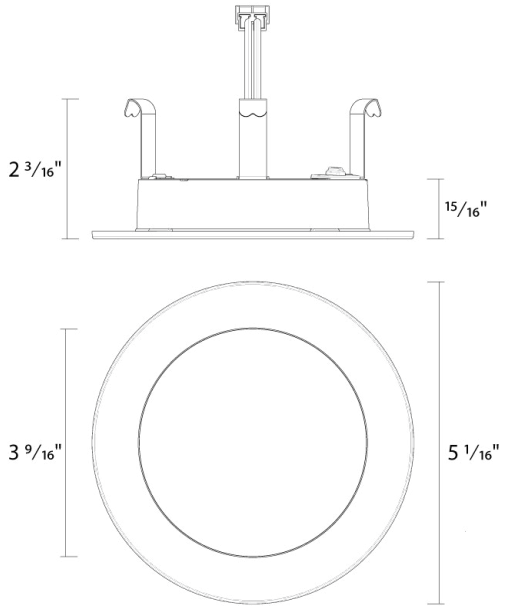
Flicker
≤30

OTHER

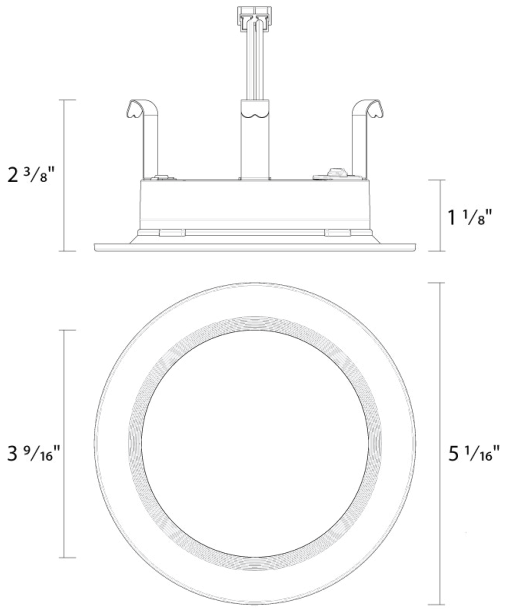
Warranty
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

DIMENSIONS

WFR34-RETRO-4
Weight: 0.22 lbs

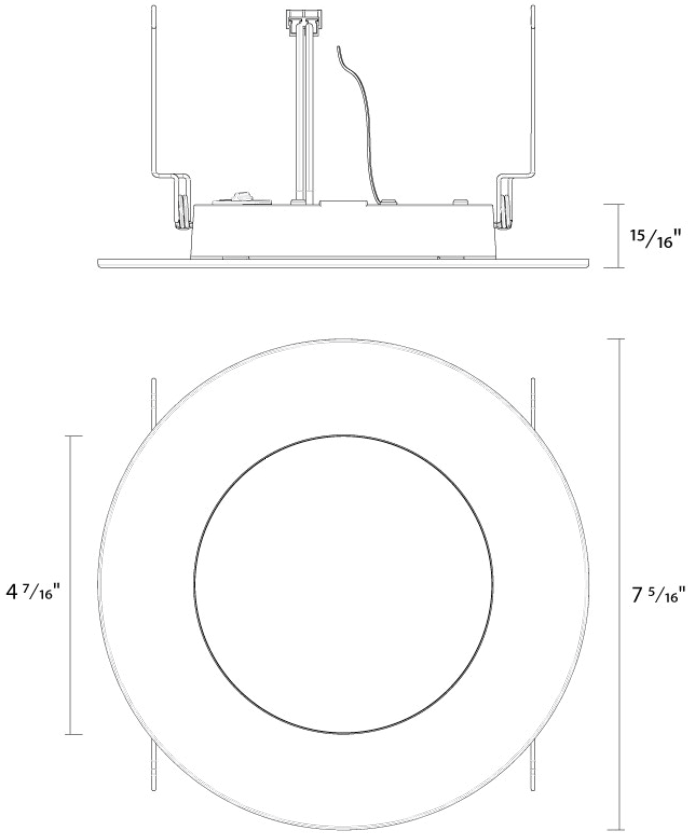


WFR34-RETRO-4B
Weight: 0.22 lbs

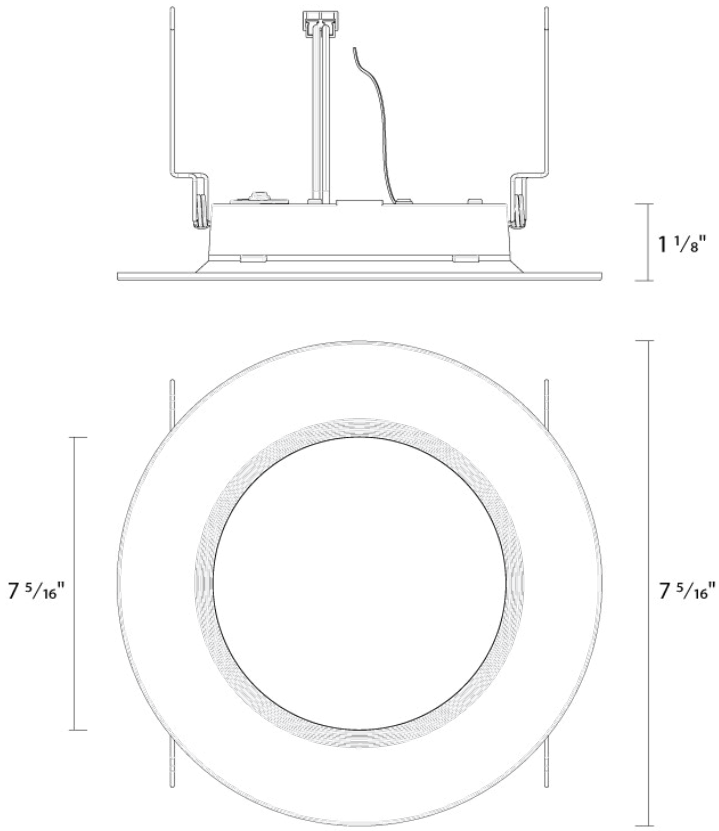


DIMENSIONS *(cont'd)*

WFR34-RETRO-6
Weight: 0.35 lbs



WFR34-RETRO-6B
Weight: 0.35 lbs



ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
WFRETRO34-4	DLW0156(WFRETRO34-40	192552054041	12
WFRETRO34-4B	DLW0157(WFRETRO34-4B)	192552054058	12
WFRETRO34-6	DLW0158(WFRETRO34-6)	192552054065	6
WFRETRO34-6B	DLW0159(WFRETRO34-6B)	192552054072	6
WFRETRO34-4-B	DLW0141(WFRETRO34-4-B)	192552054409	12
WFRETRO34-4B-B	DLW0142(WFRETRO34-4B-B)	192552054416	12
WFRETRO34-6-B	DLW0143(WFRETRO34-6-B)	192552054423	6
WFRETRO34-6B-B	DLW0144(WFRETRO34-6B-B)	192552054430	6

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ACCESSORIES

Housings

NDCANIC4R

NDCANIC6R

NDCANIC4R

NDCANIC6R

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

ORDERING MATRIX

Family	Size/ Wattage	Shape	CRI/Color Temp	Trim	Finish	Driver
WFRETRO34					–	
	4 4", 8W **6** 6", 11W	**Blank** Round	**Blank** 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable	**Blank** Smooth **B** Baffle	**Blank** White **B** Black	**Blank** 120V; TRIAC/ELV

Dimmer Compatibility List

WFRETRO34-4 WFRETRO34-4-B
WFRETRO34-4B WFRETRO34-4B-B
WFRETRO34-6 WFRETRO34-6-B
WFRETRO34-6B WFRETRO34-6B-B

Visit www.rablighting.com for periodic updates to this list or contact us at 888-722-1000 for questions or comments.

Dimmers		
Dimmer Brand	Series	Dimmer Model
LUTRON	Maestro C-L	MACL-153M
LUTRON	Skylark C-L	SCL-153P
LEVITON	Sureslide	Cat.NO.6674
LUTRON	Diva C-L	DVCL-153P
LUTRON	Skylark	CTCL-153PDH-WH
LUTRON	Toggler	TGCL-153PH-WH
LUTRON	Diva C-L	DVWCL-153PH-WH
LUTRON	Ariadni	AYCL-153P-BR
RAB		XDIM

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