CCT-Adjustable WFR34, Contractor Pack

RAB®

4" Smooth

4" Baffle

6" Smooth

6" Baffle

PROJECT:

DATE:

TYPE:

PREPARED BY:

3 YEAR LIMITED WARRANTY

UL CERTIFIED

CAN BE USED TO COMPLY WITH **2022 TITLE** PART 6 **24** HIGH EFFICACY LED LIGHT SOURCE REQUIREMENTS

RoHS

FC COMPLIANT

4" & 6", Smooth & Baffle, CCT Adjustable, 120V TRIAC Dimmable

FIELD ADJUSTABLE | 90 CRI | WET RATED | TRIAC/ELV DIMMING | 30,000 HRS | 120V | IC RATED | AIRTIGHT RATED | BULK PACKS

KEY FEATURES

- Slim, canless, LED recessed downlights designed for easy installation into new construction or remodel applications.
- **5 selectable color temperatures** in each fixture *(2700/3000/3500/4000/5000K)*.
- **No housing required** and includes pre-wired junction box. IC and Air-Tight rated.
- **Available in smooth & baffle trims**, wet location rated, and CEC Title 24 compliant.
- Packaged in bulk case quantities of **12**

PERFORMANCE

Catalog Number	Size	Trim Style	Wattage Equivalency	Input Wattage	Lumens	Efficacy (lm/W)	Dim Type	Input Voltage	Beam Angle	Color Temperature	CRI	L70 Lifespan	Environment
WFR34-4/BP	4"	Smooth	40W Incandescent	9W	650 lm	72	TRIAC/ ELV	120V	110°	Field adjustable via dip switch 2700/3000/ 3500/4000/ 5000K	90	30,000 hrs	Wet
WFR34-4B/BP		Baffle											
WFR34-6/BP	6"	Smooth	75W Incandescent	13W	1000 lm	69							
WFR34-6B/BP		Baffle											

4" WFR34 Smooth

Catalog Number	Wattage	Color Temperature (CCT)	Lumens (lm)	Efficacy (lm/W)	Equivalency
WFR34-4/BP	9W	2700K	547	60.9	40W Incandescent
		3000K	601	67.6	
		3500K	638	72.8	
		4000K	653	74.2	
		5000K	625	69.6	

4" WFR34 Baffle

Catalog Number	Wattage	Color Temperature (CCT)	Lumens (lm)	Efficacy (lm/W)	Equivalency
WFR34-4B/BP	9W	2700K	535	59.4	40W Incandescent
		3000K	589	65.8	
		3500K	616	69.7	
		4000K	631	71.0	
		5000K	604	67.2	

CCT-Adjustable WFR34, Contractor Pack

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6" WFR34 Smooth

Catalog Number	Wattage	Color Temperature (CCT)	Lumens (lm)	Efficacy (lm/W)	Equivalency
WFR34-6/BP	13W	2700K	897	70.7	75W Incandescent
		3000K	949	75.6	
		3500K	1,019	82.4	
		4000K	1,040	83.8	
		5000K	1,015	80.4	

6" WFR34 Baffle

Catalog Number	Wattage	Color Temperature (CCT)	Lumens (lm)	Efficacy (lm/W)	Equivalency
WFR34-6B/BP	13W	2700K	865	67.9	75W Incandescent
		3000K	909	72.0	
		3500K	969	77.7	
		4000K	990	78.6	
		5000K	965	75.5	

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type
Slim, canless wafer downlights

Size
4", 6"

Shape
Round

Enclosure Material
Dead front (non-metallic) trim for corrosive environments. Aluminum back plate for effective heat dissipation.

Finish
White

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

ELECTRICAL

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

Input Voltage
120V

Operating Frequency
60 Hz

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

Power Factor
0.9

Flicker
<30%

LED CHARACTERISTICS

Beam Angle
110°

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 50

Color Consistency
<5-step (2700K &5000K); <7-step (3000/3500/4000K) MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

COMPLIANCE

Listings
UL Listed

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

IC Rated
Suitable for direct contact with insulation. Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations. Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.

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

TECHNICAL SPECIFICATIONS (CONTINUED)

REMOTE DRIVER CONSTRUCTION

Remote Driver/Junction Box
- Aluminum driver / junction box with captive hinged junction box cover.
- Listed for (6) #12 AWG 90℃ splice conductors, 2-in, 2-out plus (2) ground.
- Integral keyhole mounting slots facilitate direct mounting to building structure or new construction mounting frame.

Mounting
- Utilizes a remote driver with built-in junction box and quick disconnect; Eliminates the need for traditional downlight housings.
- Integral keyhole mounting tabs facilitate direct mounting to building structures or new construction mounting frames (sold separately).
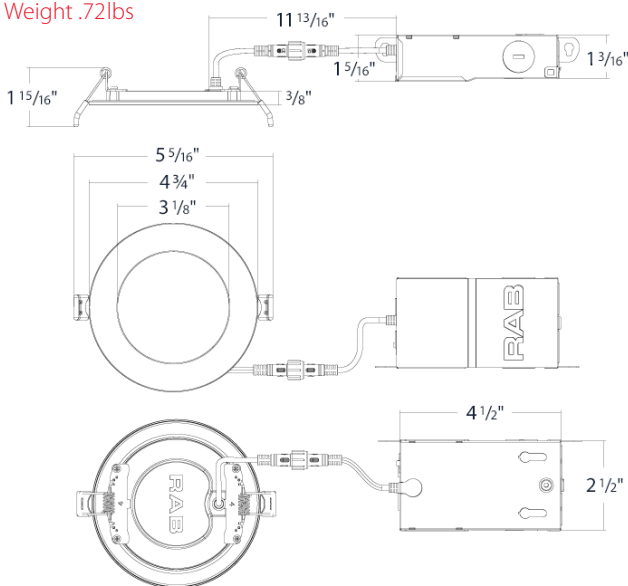
WARRANTY

The RAB 3-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.
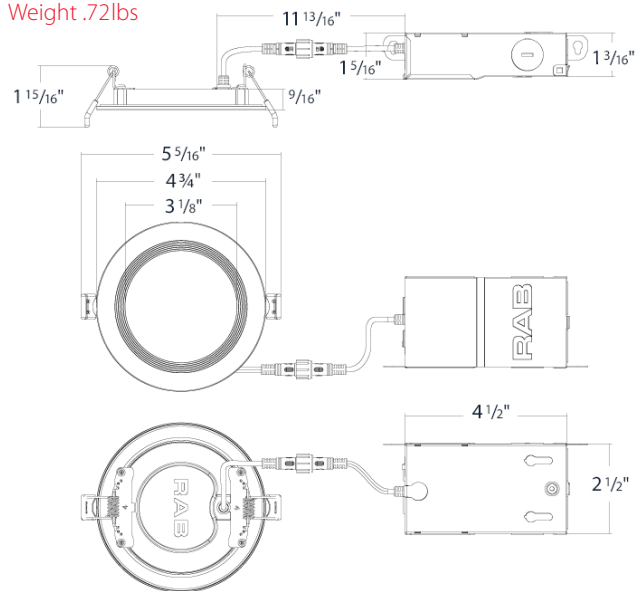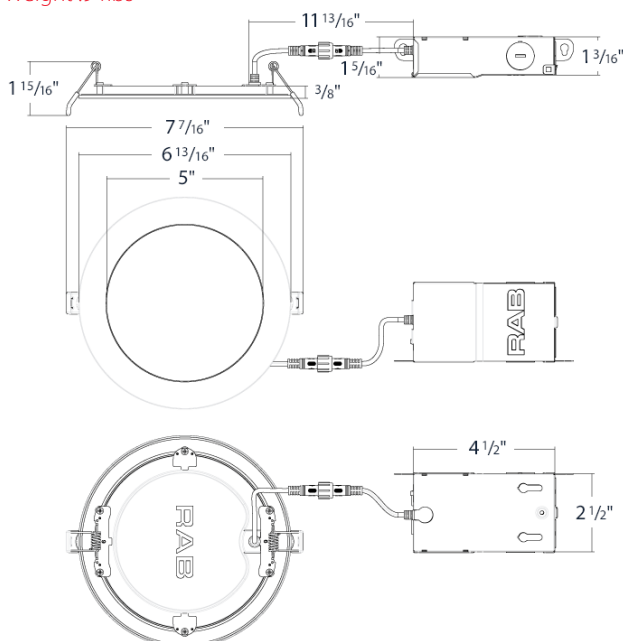
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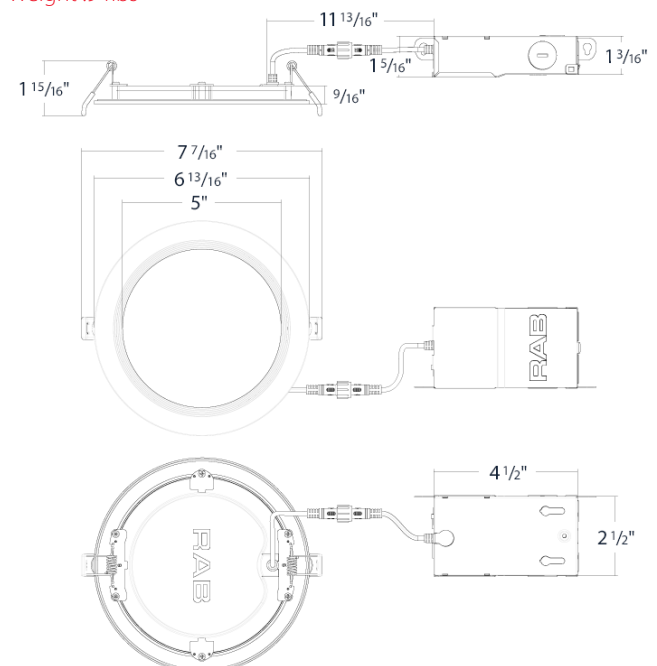
4" SMOOTH
Weight .72lbs

4" BAFFLE
Weight .72lbs

6" SMOOTH
Weight .94lbs

6" BAFFLE
Weight .94lbs

CCT-Adjustable WFR34, Contractor Pack

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ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
WFR34-4/BP	DLW0146(WFR34-4)	192552046114	12
WFR34-4B/BP	DLW0147(WFR34-4B)	192552046121	12
WFR34-6/BP	DLW0148(WFR34-6)	192552046138	12
WFR34-6B/BP	DLW0149(WFR34-6B)	192552046145	12

ORDERING MATRIX

Family	Size/Wattage	Shape	CRI/Color Temp	Driver	Finish	Trim	Options
WFR34 –							
	4 4"/9W **6** 6"/13W	**Blank** Round	**Blank** 90CRI, 2700/3000/3500/4000/5000K CCT Adjustable	**Blank** 120V, TRIAC/ELV	**Blank** White	**Blank** Smooth **B** Baffle	**/BP** Bulk 12-Pack

CCT-Adjustable WFR34, Contractor Pack

![RAB logo]

Dimmer Compatibility List

WFR34-4/BP   WFR34-4B/BP
WFR34-6/BP   WFR34-6B/BP

Visit 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	SCL-153P	✓	✓	✓	✓	✓	✓	10-100%
LUTRON	DVCL-153P	✓	✓	✓	✓	✓	✓	10-100%
LEGRAND	DCL453PTCCCV6	✓	✓	✓	✓	✓	✓	10-100%
LUTRON	TGCL-153PH-WH	✓	✓	✓	✓	✓	✓	10-100%
LEVITON	R50-IPL06-10M	✓	✓	✓	✓	✓	✓	10-100%
LUTRON	DVWCL-153PH-WH	✓	✓	✓	✓	✓	✓	10-100%
RAB	XDIM	✓	✓	✓	✓	✓	✓	10-100%
RAB	DRA012M3-500	✓	✓	✓	✓	✓	✓	10-100%