R4R89FA120WS



UPC: 019813511009

Color: White

Weight: 0.5 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.09A
208V	N/A
240V	N/A
277V	N/A
Input Watts	8W

LED Info

Watts	8W
Color Temp	2700/3000/3500/4000/5000K
Color Accuracy	90 CRI
L70 Lifespan	N/A
Lumens	700 lm
Efficacy	88

Technical Specifications

Performance

Product Type:
LED Trim - Metal

Description:
Contractor-grade retrofit downlights offered with up to 5 field selectable color temperatures in 1 model. Options available with a smooth or baffle trim.

Wattage Equivalency:
65W Incandescent

Input Wattage:
8W

Lumens:
700lm

Lumens (Measured):
2700K: 726lm
3000K: 745lm
3500K: 763lm
4000K: 759lm
5000K: 736lm

Efficacy:
88lm/W

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:
Constant Current

THD:
≤20%

Power Factor:
≥0.9

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

Input Voltage:
120V

Operating Frequency:
60 Hz

Input Current @ 120V (mA):
70mA

Operating Temperature:
-22°F to 104°F (-30°C to 40°C)

Flicker:
≤30%

LED Characteristics

Beam Angle:
95°±10°

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:
<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.

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Technical Specifications (continued)

Installation

Mounting:
Recessed with housing

Construction

Size:
4"

Shape:
Round

Finish:
White

Material:
Constructed from spun aluminum

Trim Style:
Baffle

Lens Finish:
Frosted

Lens:
Smooth flat profile polycarbonate lens diffuser

Compliance

Listings:
UL Classified, UL Recognized

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

IC Rated:
Depends on recessed housing used

Air Tight:
No

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

Certification Model Number:
DLR0118(R4R89FA120WB)

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

IESNA LM-79 & LM-80 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

Other

Compatible Accessories:
NDCANIC4R
4" Recessed housing, new construction

RDCANIC4R
4" Recessed housing, remodeler

RFLED-GOOF-4R-6R-W
4"-6" Goof ring round

5-Year, No-Compromise 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.

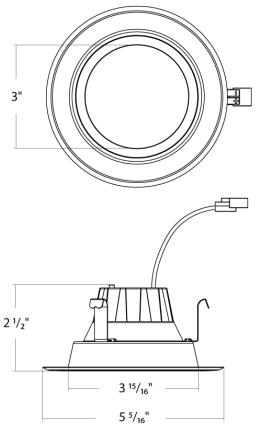
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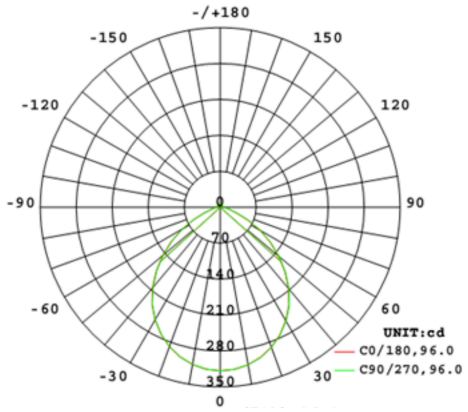
Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	4	11.02	6.5	6
PALLET	1568	5.31	3.03	86.22

Dimension



Light Distribution



Features

- 4" & 5/6" Recessed LED trims are compatible with most recessed housings
- Lumen outputs: 4" - 750 & 1,100 lumens, 6" - 775, 1,000, 1,300 lumens
- 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. Optional color trim overlays sold separately
- Dimmable down to 10% with compatible TRIAC/ELV dimmers, see dimmer compatibility list
- 5-year warranty, 50,000 hours lifespan, Title 24 JA8 and Title 20 compliant, wet location rated

Ordering Matrix

Family	Size	Shape	Wattage	CRI/Color Temp	Driver	Finish	Trim
R	4	R	8	9FA	120	W	S
	4 = 4" **6** = 6"	**R** = Round	**8** = 8W **10** = 10W **11** = 11W **14** = 14W	**9FA** = 90 CRI, CCT Adjustable	**120** = 120V	**W** = White	**B** = Baffle **S** = Smooth

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