WFRX-6D-K



Color: Black

Weight: 1.1 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.14A
208V	0.06A
240V	0.06A
277V	0.05A
Input Watts	15/13/11W

LED Info

Watts	15/13/11W
Color Temp	2700/3000/3500/4000/5000K
Color Accuracy	90 CRI
L70 Lifespan	N/A
Lumens	1350/1100/900 lm
Efficacy	90/85/82 lm/W

Technical Specifications

Performance

Product Type:
High-output Edge-lit Wafer

Description:
4" and 6" wafers with selectable wattage and CCT that boast 90 CRI. Designed for 120-277V use and TRIAC/ELV dimming. Available with smooth or baffle trim

Wattage Equivalency:
100W CFL

Input Wattage:
15/13/11W

Lumens (Nominal):
1,350/1,100/900lm

Efficacy:
90/85/82lm/W

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

Driver:
Constant Current, Class 2 120-277V 50/60 Hz; 120V: 140mA; 208V: 60mA; 240V: 55mA; 277V: 46mA

Electrical

THD:
≤20%

Power Factor:
≥0.9

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

Input Voltage:
120-277V

Operating Frequency:
50/60Hz

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

Flicker:
≤30%

LED Characteristics

Beam Angle:
110°±10°

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

Color Tuning:
No

Color Accuracy (CRI):
90 CRI

Natural Spectrum:
No

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

Remote Driver/Junction Box:
Die formed metal driver / junction box with captive hinged junction box cover. Listed for Maximum of (4) 12AWG through branch circuit conductor suitable for 90° C permitted in box. Easy to wire in 2in/2out (plus ground) applications. (4) conduit pry-outs. (3) quick snap-in connectors for quick and reliable line voltage connections. Integral mounting facilitates direct mounting to building structure or mounting frame.

Cable:
FT5 Plenum rated cable (per UL2043)

Mounting:
No housing is required, two tension steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to 15/16". New construction frames are available.

Construction

Size:
6"

Shape:
Round

Finish:
Black

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

Trim Style:
Smooth

Lens Finish:
Frosted

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

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.

Energy Star Approved:
This product is ENERGY STAR® Version 2.2 Certified

Certification Model Number:
DLW0156(WFRX-6D-K)

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 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 & 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

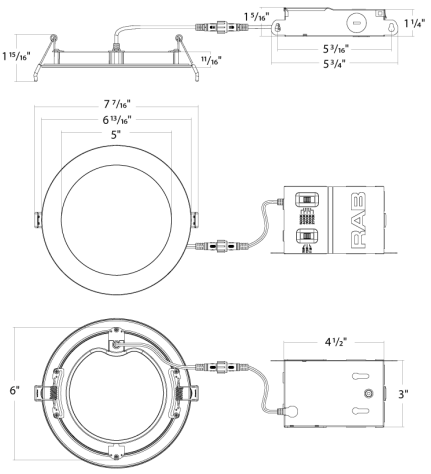
Other

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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Dimensions



Features

- Field-adjustable power and color temperature
- Ideal for residential and commercial applications using 120-277V
- Dimmable at 120V using TRIAC/ELV, see dimmer compatibility list
- No recessed housing or j-box required
- 50,000 hrs, 5-yr no-compromise warranty, Title 24 Compliant

Ordering Matrix

Family	Size/Wattage	Shape	CRI/Color Temp	Trim	Driver	Finish
WFRX	6				D	K
	4 = 4", 12/10/8W **6 =** 6", 15/13/11W	**Blank =** Round	**Blank =** 90 CRI, 2700/3000/3500/4000/5000K	**Blank =** Smooth **B =** Baffle	**D =** 120-277V	**Blank =** White **K =** Black

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