



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	10/8/06W
120V	0.09A	Color Temp	2700/3000/3500/4000/5000K
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	N/A
277V	N/A	Lumens	850/650/500 lm
Input Watts	10/8/06W	Efficacy	85

Technical Specifications

Performance

Product Type:

Wafer Nightlight - Dim-to-Warm

Description :

Slim panel wafers with selectable wattage and CCT that boast 90 CRI. Available with nightlight mode to provide 2000K amber color temperature alone. Creates comfort, warmth, so ft lighting, and extra ambiance.

Wattage Equivalency:

40W Incandescent

Input Wattage:

Main light: 10/8/6W
Nightlight: 5.5W

Lumens (Nominal):

Mainlight: 500/650/850lm
Nightlight: 20lm

Efficacy:

85lm/W

L70 Lifespan:

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

Electrical

Driver:

Constant Current, Class 2 120V 60 Hz; 120V: 85mA

THD:

≤20%

Power Factor:

≥0.9

Dimmable:

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

Operating Temperature:

-4°F to 104°F (-20 to 40°C)

Flicker:

≤5%

LED Characteristics

Beam Angle:

110°±10°

Color Temperature:

Default: 3000K
Field adjustable via dip switch
D2W/2700/3000/3500/4000/5000K
Dim-to-Warm (D2W): 3000K-1800K
Nightlight: 2000K

Color Accuracy (CRI):

90 CRI

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 warranted 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.

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.

Technical Specifications (continued)**Mounting:**

Recessed, no housing required

Construction**Size:**

4"

Shape:

Round

Finish:

White

Enclosure Material:

Metal

Trim Style:

Baffle

Lens Finish:

Frosted

Lens:

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

Air Tight:

Housing certified Air Tight as per ASTM-E283

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® Certified.

Certification Model Number:

DLW0153(WFRX-4RB/NL)

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

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

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.

Ordering Matrix

Family	Size/Wattage	Shape	CRI/Color Temp	Driver	Finish	Trim	Options
WFRX	4	R				B	/NL
	4 = 4", 10/8/6W 6 = 6", 13/11/9W	R = Round	Blank = 90 CRI, CCT Adjustable	Blank = 120V, TRIAC/ELV	Blank = White	Blank = Smooth B = Baffle	/NL = Nightlight