

WFDX Deep Regress, Field-Adjustable Wafers



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



120-277V, W and CCT Adjustable,
TRIAC/ELV Dimming



KEY FEATURES

- Field-selectable wattage lets you dial in the right output for any space
- Five CCT options (2700/3000/3500/4000/5000K) adjustable right on fixture
- Deep regress design creates a clean appearance with minimized glare
- Smooth or baffle trim in white or black to match any interior
- Dimmable to 10% on compatible TRIAC/ELV dimmers

PERFORMANCE													
Catalog Numbers	Size	Trim Style	Finish	Input Wattage	Lumens	Efficacy	Dim Type	Input Voltage	Beam Angle	Color Temperature			
WFDX4	4"	Smooth	White	12/10/8W	1,200/950/750 lm	100/95/94 lm/W	TRIAC/ELV	120V-277V	85°	Field adjustable via dip switch 2700/3000/3500/4000/5000K			
WFDX4B		Baffle											
WFDX4-K		Smooth	Black										
WFDX4B-K		Baffle											
WFDX6	6"	Smooth	White	15/13/11W	1,500/1,300/1,100 lm	100 lm/W							
WFDX6B		Baffle											
WFDX6-K		Smooth	Black										
WFDX6B-K		Baffle											

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Deep-regress wafer

Size

4", 6"

Shape

Round

Trim Style

Smooth, Baffle

Enclosure Material

Metals

Finish

White, Black

Lens Finish

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

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.

Mounting

No housing is required, two tension steel spring clips secure luminaire to ceiling. Accommodates ceiling thickness up to 1". New construction frames are available.

Cable

CM Plenum rated cable (per UL2043)

LED CHARACTERISTICS

Beam Angle

85°

Color Temperature

3000K Factory Default Setting, Field Adjustable 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 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.

ELECTRICAL

Dimmable

TRIAC/ELV dimming systems. See Dimmer Compatibility List.

Driver:

4": Constant Current, Class 2 120-277v 50/60 Hz

120V: 100mA; 208V: 43mA

6": Constant Current, Class 2 120-277v 50/60 Hz

120V: 115mA; 208V: 54mA

Input Voltage

120-277V

Operating Frequency

50/60 Hz

Operating Temperature

-4°F to 104°F (-20°C to 40°C)

Power Factor

≥0.9

Flicker

<30%

COMPLIANCE

Listings

UL listed, UL Classified

Environmental

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

Air Tight

Housing certified Air Tight as per ASTM E283.

Energy Star Approved

This product is ENERGY STAR® Version 2.2 Certified.

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

OTHER

Warranty

5 years. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty

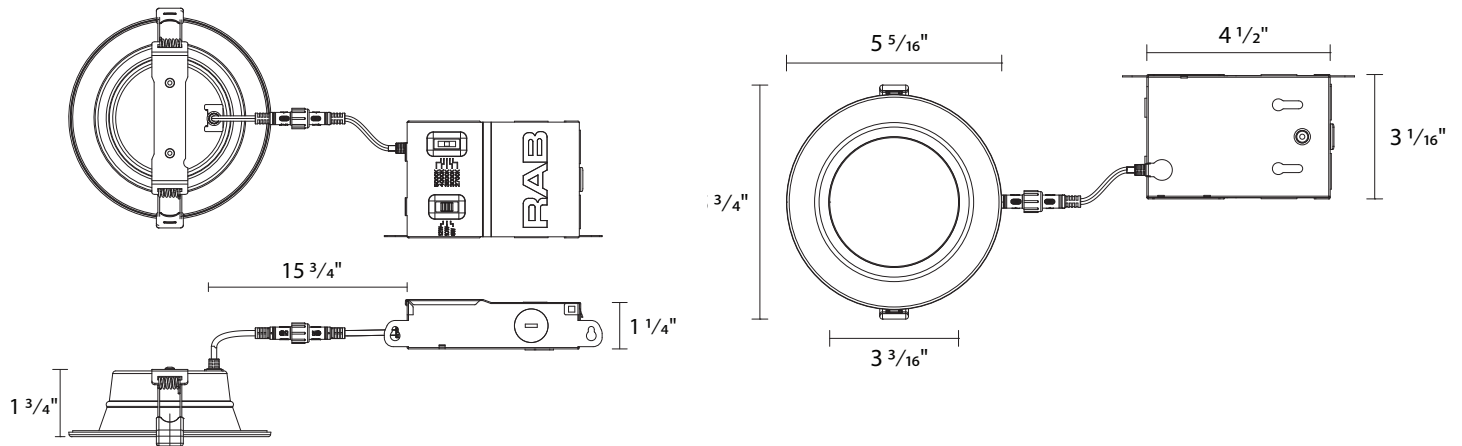
WFDX Deep Regress, Field-Adjustable Wafers



DIMENSIONS

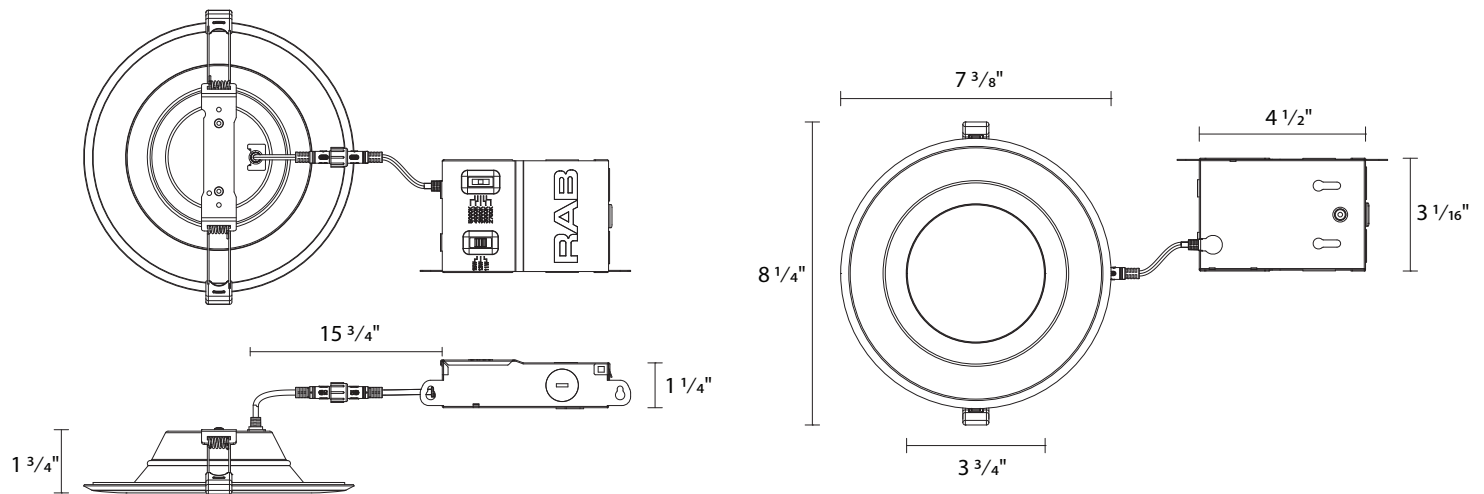
WFDX4 WFDX4-K
WFDX4B WFDX4B-K

Weight: 0.75 lbs



WFDX6 WFDX6-K
WFDX6B WFDX6B-K

Weight: 0.82 lbs

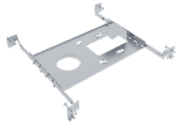


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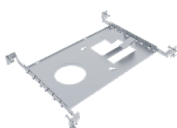


ACCESSORIES

Mounting Plates



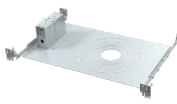
DLPLATE-3/NB



DLPLATE-4/NB



DLPLATE/WFR3456



ND22-RFRAME

Catalog Number	UPC	Description
DLPLATE/WFR3456	192552025584	3", 4", 5", 6" Mounting plate
ND22-RFRAME	192552049726	3", 4", 6", 8" & 10" Mounting frame, round
DLFRAME/C6R	192552000697	6" Downlight mounting frame
DLPLATE/WFR4/NB/CL	192552036993	4" Mounting plate with nailer bar and drywall collar
DLPLATE/WFR4	192552039819	4" Mounting plate
DLPLATE/WFR6/NB/CL	192552037006	6" Mounting plate with nailer bar and drywall collar
DLPLATE/WFR6	192552039826	6" Mounting plate

Goof Rings



RFLED-GOOF-6R-8R-W

Catalog Number	UPC	Description
RFLED-GOOF-4R-6R-W	19255201372	4"-6" Goof ring round white
RFLED-GOOF-6R-8R-W	192552013734	6"-8" Goof ring round white

Color Trims



DLTRIM/R6RB-BN



DLTRIM/R6RB-BRZ



DLTRIM/R6RB-B



DRI-EMB-15S-LV

Catalog Number	UPC	Description
DLTRIM/R6RB-BN	192552000987	6" Color trim brushed nickel
DLTRIM/R6RB-BRZ	192552022279	6" Color trim bronze
DLTRIM/R6RB-B	192552001007	6" Color trim black
DRI-EMB-15S-LV	192552001007	Emergency backup driver

ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
WFDX4	DLW0173(WFDX4)	192552063760	6
WFDX4B	DLW0174(WFDX4B)	192552063777	6
WFDX6	DLW0175(WFDX6)	192552063784	6
WFDX6B	DLW0175(WFDX6)	192552063791	6
WFDX4-K	DLW0177(WFDX4-K)	192552063807	6
WFDX4B-K	DLW0178(WFDX4B-K)	192552063814	6
WFDX6-K	DLW0179(WFDX6-K)	192552063821	6
WFDX6B-K	DLW0180(WFDX6B-K)	192552063838	6

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ORDERING MATRIX

Family	Size/ Wattage	Shape	CRI/Color Temp	Driver	Trim	Finish
WFDX	4 4", 12/10/8W 6 6", 15/13/11W	Blank Round	Blank 90 CRI, CCT-Adjustable	Blank 120-277V TRIAC/ELV Dimming	Blank B Smooth Baffle	Blank K White Black

DIMMER COMPATIBILITY LIST

Dimmer Brand	Catalog Number	Dimmer Type
Lutron	CTCL-153P-WH	TRIAC
Lutron	DV-603P-LA	TRIAC
Lutron	DVCL-153P	TRIAC
Lutron	MACL-153M	TRIAC
Lutron	LECL-153P	TRIAC
Lutron	AYCL-153P	TRIAC
Legrand	HCL453PTCCCV6	TRIAC
Synergy/Leviton	ISD 600 I 120 / IPI06	TRIAC
Leviton	6631-PLW	TRIAC
Leviton	IPL06-10Z	TRIAC
Leviton	6674-P0W	TRIAC
RAB	XDIM	ELV/MLV
Leviton	6613-PLA	MLV
Lutron	NLV-600-WH	MLV
Lutron	DVELV-300P-AL	ELV
Lutron	NTELV-300-WH	ELV
Lutron	SELV-300P	ELV
Insteon	2477D	ELV
HUBBELL	RSDE06	ELV
Lutron	PD-6WCL	Wireless
Lutron	PD-5NE	Wireless