

Lightology

lightology.com
866-954-4489
10-14-25

Project: _____

Company: _____

Location: _____ Fixture Type: _____

SPEC #: **WAC1206264**

Approved On: _____ Approved By: _____

FQ 4 inch Square Trimless Downlight

By WAC Lighting



Description

The FQ 4 Inch Square Trimless Downlight Trim is designed for use with FQ 4 Inch Series of recessed housings by WAC Lighting. This high performance LED luminaire will provide quality lighting in both commercial and residential settings. Features glare control with 30 degree shielding, 45 degree vertical tilting and 360 degree horizontal rotation. Ceiling cutout: 4.75 inch. Accommodates 0.5 to 1 inch ceiling thickness. TRIAC and ELV dimming at 120V; 0-10V dimming at 277V. Note 1: Field changeable beam angle with reflectors provided (27 degree pre-installed, 40 degree, 50 degree). Note 2: A complete fixture requires the trim and a housing, sold separately. Compatible with 13, 19, 25 and 28 watt housings (lumens shown based on 27 degree beam angle at 3000K with 28 watt housing)

Specifications

REFLECTOR/BAFFLE COLOR N/A

BODY FINISH Black

WATTAGE N/A

DIMMER Low Voltage Electronic

DIMENSIONS 3"W x 5.25"H

INTEGRATED LED MODULE LED/120-277V LED

Technical Information

APERTURE SHAPE Square

CEILING TYPE Drywall Trimless/Flush

FUNCTION Downlight

LAMP LIFE 50000 hours

COLOR RENDERING 90 CRI

LAMP COLOR 3500K

LUMINOUS FLUX 2445 lumens



Shown in black

Model	Beam	Lumens	°CRP	Color Temp	CRI	Finish	Reflector/Trim
RAFSDL Square Trimless	H 27°	2245	580	927	2700K	90	BK TS MS WT
	F 40°	2205	3300				
	B 50°	2205	1085				
RAFSDL Square Trimless	H 27°	2445	6110	930	3000K	90	BK TS MS WT
	F 40°	2385	3750				
	B 50°	2385	1245				
RAFSDL Square Trimless	H 27°	2495	6210	935	3500K	90	BK TS MS WT
	F 40°	2435	3815				
	B 50°	2435	1310				

Example: RAFSDL-927-BK (Beam H-27° reflector is pre-installed. Beams F-40° and B-50° reflectors are included).

* Lumens and CRP are reference values for 3000K, 1m with 4" housing. Use multiplier table below to determine the output for other combinations.

Multiplier	927	930	935
4	0.95	1.00	1.05
3	0.84	0.88	0.90
2	0.65	0.68	0.70
1	0.45	0.47	0.48

Example: RAFSDL-930-WT H-37° beam in 1" housing: 2445 (m Reference Output) x 0.47 (Multiplier) = 1150 lm
6110 CRP (Reference Output) x 0.47 (Multiplier) = 2875 CRP

Housing 1: 13 Watt
Housing 2: 19 Watt
Housing 3: 25 Watt
Housing 4: 28 Watt



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Notes: