

Lightology

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06-15-26

Project: _____
 Company: _____
 Location: _____ Fixture Type: _____
 SPEC #: **WAC1362236**
 Approved On: _____ Approved By: _____

FQ 4 inch Square Adjustable Downlight with Trim By WAC Lighting



Description

The FQ 4 inch Square Adjustable Downlight with Trim is designed for use with FQ 4IN Series of recessed housings by WAC Lighting. Features 0-45 degree vertical tilt and 365 degree horizontal rotation. Field adjustable beam angle (2700K/3000K/3500K = 27/40/50 degree (27 degree pre-installed) with reflectors provided. Accepts one lens or glare control accessory. Ceiling cutout: 4 3/4 inch. Accommodates 0.5 to 1 inch ceiling thickness. TRIAC and ELV dimming at 120V; 0-10V dimming at 277V. NOTE: A complete fixture requires a 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

COLOR N/A
 BODY FINISH White / Haze Reflector
 WATTAGE N/A
 DIMMER Low Voltage Electronic
 DIMENSIONS 5.25"W x 5.63"H x 5.25"D
 BULB NOT INCLUDED LED/120-277V LED

Technical Information

APERTURE SIZE 3.000"
 APERTURE SHAPE Square
 CEILING TYPE Drywall with Trim
 FUNCTION Adjustable Accent
 LAMP LIFE 50000 hours
 COLOR RENDERING 90 CRI
 LAMP COLOR 2700K
 LUMINOUS FLUX 1595 lumens



Shown in white / haze reflector

Model	Beam	*Lumens	*CRCP	Color Temp	CRI	Finishes	Reflector/Trim
RAFSAT Square Trim	W 27°	1595	1310	927	2700K	90	BK DB HICPT WT
	F 40°	1515	2050				
	W 50°	1595	2950	930	3000K	90	
	F 40°	1535	3450				
	W 27°	1660	3315	935	3500K	90	
	F 40°	1625	3565				
W 50°	1700	4215					

RAFSAT

Example: RAFSAT-927-BK (Beam N 27° reflector is pre-installed; Beams F 40° and W 50° reflectors are included).
 * Lumens and CRCP are reference values for 3000K trim with 4 housing. Use multiplier table below to determine the output for other combinations.

Multiplier	TRIM		
	927	930	935
HOUSING 4	0.95	1.00	1.02
HOUSING 3	0.84	0.88	0.89
HOUSING 2	0.60	0.68	0.70
HOUSING 1	0.45	0.47	0.48

Example: RAFSAT-930-BK N 27° beam in 1 housing: 1680 lm (Reference Output) x 0.47 (Multiplier) = 790 lm

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



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Notes: