

Lightology

lightology.com
866-954-4489
08-24-25

Project: _____
 Company: _____
 Location: _____ Fixture Type: _____
 SPEC #: **WAC1362258**
 Approved On: _____ Approved By: _____

FQ 4 inch Square Downlight with Trim By WAC Lighting



Description

The FQ 4 Inch Square Downlight with Trim is designed for use with FQ 4 Inch Series of recessed housings by WAC Lighting. Features 30 degree shielding angle design for great visual comfort with 45 degree vertical tilt and 360 degree horizontal rotation. Field changeable beam angle (2700K/3000K/3500K = 27/40/50 degree (27 degree pre-installed). 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 Black
 WATTAGE N/A
 DIMMER Low Voltage Electronic
 DIMENSIONS 5.25"W x 5.25"H
 INTEGRATED LED MODULE 1x LED/120-277V LED

Technical Information

APERTURE SIZE 3.000"
 APERTURE SHAPE Square
 CEILING TYPE Drywall with Trim
 FUNCTION Downlight
 LAMP LIFE 50000 hours
 COLOR RENDERING 90 CRI
 LAMP COLOR 2700K
 LUMINOUS FLUX 2445 lumens



Shown in black

Model	Beam	*Lumens	*CECF	Color Temp	CRI	Finish(es)	Reflector/Trim
R4FSOT Square Trim	W 27°	2325	3.665	927	2700K	90	BK DB ICWHT WT
	F 40°	2265	3.990				
	W 50°	2285	3.085				
	W 27°	2445	6.110	930	3000K	90	
	F 40°	2385	2.900				
	W 50°	2385	3.245				
W 27°	2495	6.330	935	3500K	90		
F 40°	2430	3.615					
W 50°	2430	3.310					

R4FSOT

Example: R4FSOT-927-BK (beam 30° reflector is pre-installed; Beams 40° and 50° reflectors are included)

*Lumens and CECF are reference values for 3000K 4in with 4 housing. Use multiplier table below to determine the output for other combinations.

Multiplier	TRIM		
	927	930	935
4	0.95	1.00	1.02
3	0.84	0.88	0.90
2	0.65	0.68	0.70
1	0.42	0.47	0.48

Example: R4FSOT-930-BK 30° beam in 4 housing: 2445 lm (Reference Output) x 0.47 (Multiplier) = 1150 lm

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



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Notes: