Lightology

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11-08-26

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

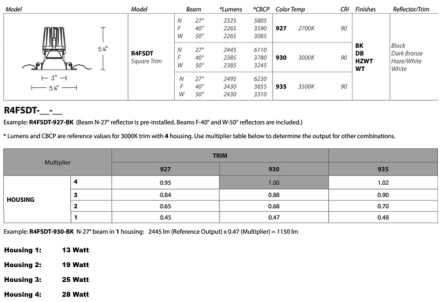
COLOR	N/A
BODY FINISH	Black
WATTAGE	N/A
DIMMER	Low Voltage Electronic
DIMENSIONS	5.25"W x 5.25"H
INTEGRATED LED MODULE	LED/120-277V LED

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	*CBCP	Color Temp	CRI	Finishes	Reflector/Trim
R4FSDT Square Trim		N 27°	2325	5805	927 2700K	90	BK DB HZWT WT	Black Dark Bronze Haze/White White
		F 40°	2265	3590				
		W 50°	2265	3085				
		N 27°	2445	6110	930 3000K	90		
		F 40°	2385	3780				
		W 50°	2385	3245				
		N 27°	2495	6230	935 3500K	90		
		F 40°	2430	3855				
		W 50°	2430	3310				

R4FSDT-__-__

Example: **R4FSDT-927-BK** (Beam N-27° reflector is pre-installed. Beams F-40° and W-50° reflectors are included.)

* Lumens and CBCP 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
	3	0.84	0.88	0.90
	2	0.65	0.68	0.70
	1	0.45	0.47	0.48

Example: **R4FSDT-930-BK** N-27° beam in **1** 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: