

Lightology

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07-02-26

Project: _____
 Company: _____
 Location: _____ Fixture Type: _____
 SPEC #: **WAC1362186**
 Approved On: _____ Approved By: _____

FQ 4 inch Round Downlight with Trim By WAC Lighting



Description

The FQ 4 Inch Round 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. Field changeable 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 Dark Bronze
 WATTAGE N/A
 DIMMER Low Voltage Electronic
 DIMENSIONS 5.5"W x 5.38"H
 INTEGRATED LED MODULE LED/120-277V LED

Technical Information

APERTURE SIZE 4.000"
 APERTURE SHAPE Round
 CEILING TYPE Drywall with Trim
 FUNCTION Downlight
 LAMP LIFE 50000 hours
 COLOR RENDERING 90 CRI
 LAMP COLOR 2700K
 LUMINOUS FLUX 2495 lumens



Shown in dark bronze

Model	Beam	*Lumens	*CRCP	Color Temp	CRI	Finishes	Reflector/Trim
R4FRDT Round Trim	W 27°	2495	6815	927	2700K	90	BK DB HW WT
	F 40°	2325	3725				
	W 50°	2325	2525				
	F 40°	2495	6325	930	3000K	90	
	F 40°	2450	3900				
	W 50°	2450	2650				
F 40°	2545	6480	935	3500K	90		
F 40°	2495	4000					
W 50°	2530	2850					

R4FRDT-_-

Example: R4FRDT-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
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: R4FRDT-930-BK, N-27° beam in 1" housing: 2495 lm (Reference Output) x 0.47 (Multiplier) = 1175 lm

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



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Notes: _____