Lightology

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11-07-26

Project:

Company:

Location: Fixture Type:

SPEC #: **WAC1206237**

Approved On: Approved By:

FQ 4 inch Round Trimless Downlight

By WAC Lighting

Description

The FQ 4 inch Round Trimless Downlight is designed for use with FQ 4IN Series of recessed housings by WAC Lighting. This high performance LED luminaire will provide quality lighting in both commercial and residential settings. The trim ships with a 27 degree reflector pre-installed, but also includes field-changeable 40 and 50 degree reflectors for a wider beam angle. A 30 degree shielding angle provides superior glare control. Accommodates 0.5 to 1 inch ceiling thickness. Dimmable 100% to 1% with ELV, TRIAC, and 0-10V dimmers.Note: 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

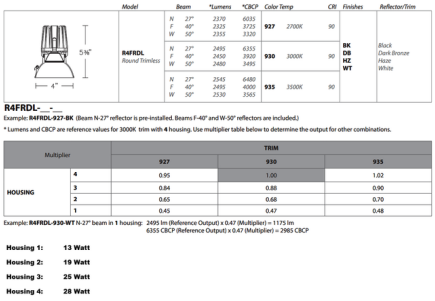
REFLECTOR/BAFFLE COLOR	N/A
BODY FINISH	Dark Bronze
WATTAGE	N/A
DIMMER	Low Voltage Electronic
DIMENSIONS	4"W x 5.38"H
INTEGRATED LED MODULE	LED/120-277V LED

Technical Information

APERTURE SIZE	4.000"
APERTURE SHAPE	Round
CEILING TYPE	Drywall Trimless/Flush
FUNCTION	Downlight
LAMP LIFE	50000 hours
COLOR RENDERING	90 CRI
LAMP COLOR	3500K
LUMINOUS FLUX	2495 lumens



Shown in dark bronze



Model	Beam	*Lumens	*CBCP	Color Temp	CRI	Finishes	Reflector/Trim
R4FRDL Round Trimless	N 27°	2370	6035	927 2700K	90	BK DB HZ WT	Black Dark Bronze Haze White
	F 40°	2325	3725				
	W 50°	2355	3120				
	N 27°	2495	6355	930 3000K	90		
	F 40°	2450	3920				
	W 50°	2480	3495				
	N 27°	2545	6480	935 3500K	90		
	F 40°	2495	4000				
	W 50°	2530	3565				

5 ¾"
4"

R4FRDL- _ _

Example: R4FRDL-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: R4FRDL-930-WT N-27° beam in 1 housing: 2495 lm (Reference Output) x 0.47 (Multiplier) = 1175 lm
6355 CBCP (Reference Output) x 0.47 (Multiplier) = 2985 CBCP

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

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Notes: