

Lightology

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05-07-26

Project: _____
 Company: _____
 Location: _____ Fixture Type: _____
 SPEC #: **WAC1206264**
 Approved On: _____ Approved By: _____

FQ 4 inch Square Trimless Downlight By WAC Lighting



Description

The FQ 4 Inch Square Trimless Downlight Trim is designed for use with FQ 4 Inch Series of recessed housings by WAC Lighting. This high performance LED luminaire will provide quality lighting in both commercial and residential settings. Features glare control with 30 degree shielding, 45 degree vertical tilting and 360 degree horizontal rotation. Ceiling cutout: 4.75 inch. Accommodates 0.5 to 1 inch ceiling thickness. TRIAC and ELV dimming at 120V; 0-10V dimming at 277V. Note 1: Field changeable beam angle with reflectors provided (27 degree pre-installed, 40 degree, 50 degree). Note 2: 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 Black
 WATTAGE N/A
 DIMMER Low Voltage Electronic
 DIMENSIONS 3"W x 5.25"H
 INTEGRATED LED MODULE LED/120-277V LED

Technical Information

APERTURE SHAPE Square
 CEILING TYPE Drywall Trimless/Flush
 FUNCTION Downlight
 LAMP LIFE 50000 hours
 COLOR RENDERING 90 CRI
 LAMP COLOR 3500K
 LUMINOUS FLUX 2445 lumens



Shown in black

| Model | Beam | Lumens | CBCP | Color Temp | CRI | Finish | Reflector/Trim |
|---------------------------|-------|--------|------|------------|-------|--------|---|
| R4FSDL Square Trimless | N 27° | 2225 | 5853 | 927 | 2700K | 90 | BK Black Black Baffle Floor White |
| | F 40° | 2265 | 3390 | | | | |
| | W 50° | 2265 | 3085 | 990 | 3000K | 90 | |
| | N 27° | 2445 | 6110 | | | | |
| | F 40° | 2580 | 3780 | 915 | 3500K | 90 | |
| | W 50° | 2585 | 3245 | | | | |

R4FSDL - _____

Example: R4FSDL-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 | 915 |
| 4 | 0.95 | 1.00 | 1.02 |
| 3 | 0.84 | 0.88 | 0.90 |
| 2 | 0.68 | 0.68 | 0.70 |
| 1 | 0.45 | 0.47 | 0.48 |

Example: R4FSDL-930-WT x 3.7" beam in 1" housing: 2445 (in Reference Output) x 0.47 (Multiplier) = 1150 lm
 6110 (CBCP Reference Output) x 0.47 (Multiplier) = 2875 CBCP

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



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Notes: