

Lightology

lightology.com
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05-08-26

Project: _____
 Company: _____
 Location: _____ Fixture Type: _____
 SPEC #: **WAC1206259**
 Approved On: _____ Approved By: _____

FQ 4 inch Square Adjustable Trimless Downlight By WAC Lighting



Description

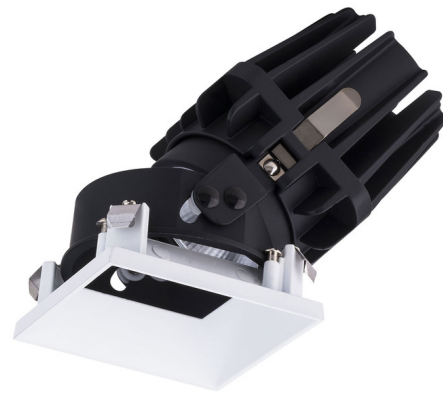
The FQ 4 Inch Square Trimless Adjustable Downlight is designed for use with the FQ 4 Inch Series of recessed housings by WAC Lighting. This high performance LED luminaire will provide quality lighting in both commercial and residential settings. The trim ships with a 27 degree reflector pre-installed, but also includes field-changeable 40 and 50 degree reflectors for a wider beam angle. The luminaire can be tilted up to 45 degrees and rotated 365 degrees to aim the light precisely where it is needed. 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: 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 White
 WATTAGE N/A
 DIMMER Low Voltage Electronic
 DIMENSIONS 3"W x 5.63"H
 INTEGRATED LED MODULE LED/120-277V LED

Technical Information

APERTURE SHAPE Square
 CEILING TYPE Drywall Trimless/Flush
 FUNCTION Adjustable Accent
 LAMP LIFE 50000 hours
 COLOR RENDERING 90 CRI
 LAMP COLOR 3500K
 LUMINOUS FLUX 1680 lumens



Shown in white

| Model | Beam | *Lumens | *CFCP | Color Temp | CRI | Finish(es) | Reflector/Trim |
|---------------------------|-------|---------|-------|------------|-----|----------------------|--|
| RAFSAL Square Trimless | N 27° | 1595 | 0.92 | 2700K | 90 | BC DB HC WT | Black Dark Bronze White White |
| | F 40° | 1515 | 0.88 | 2700K | 90 | | |
| | W 50° | 1590 | 0.89 | 2700K | 90 | | |
| | N 27° | 1680 | 0.92 | 3000K | 90 | | |
| | F 40° | 1585 | 0.89 | 3000K | 90 | | |
| | W 50° | 1670 | 0.90 | 3000K | 90 | | |
| RAFSAL Square Trimless | N 27° | 1710 | 0.94 | 3000K | 90 | BC DB HC WT | Black Dark Bronze White White |
| | F 40° | 1620 | 0.90 | 3000K | 90 | | |
| | W 50° | 1700 | 0.91 | 3000K | 90 | | |

RAFSAL - Example: RAFSAL-927-WT (Beam N-27° reflector is pre-installed. Beams F-40° and W-50° reflectors are included).
 *Lumens and CFCP 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 | 0.99 | 0.99 | 1.02 |
| 3 | 0.84 | 0.88 | 0.90 |
| 2 | 0.65 | 0.68 | 0.70 |
| 1 | 0.45 | 0.47 | 0.48 |

Example: RAFSAL-930-WT N-27° beam in 4" housing 1680lm (Reference Output) x 0.47 (Multiplier) = 790lm
 5375 CFCP (Reference Output) x 0.47 (Multiplier) = 2525 CFCP

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



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Notes: _____