

# Lightology

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04-21-26

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	°CRP	Color Temp	CRF	Finishes	Reflector/Trim
BAFDL Round Trimless	N 27°	2310	6033	927	2700K	90	BK DB MC WT
	F 40°	2310	3715				
	W 50°	2315	3320				
	N 27°	2495	6355				
	F 40°	2495	3920				
	W 50°	2485	3495				
BAFDL Round Trimless	N 27°	2495	6480	930	3000K	90	BK DB MC WT
	F 40°	2495	4000				
	W 50°	2530	3565				
	N 27°	2495	6600				
	F 40°	2495	4000				
	W 50°	2530	3565				

**BAFDL** Example: BAFDLD-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: BAFDLD-927-WT (N 27° beam in 1 housing: 2495 lm (Reference Output) x 0.47 (Multiplier) = 1175 lm)  
 6355 CRCP (Reference Output) x 0.45 (Multiplier) = 2865 CRCP

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



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Notes: