

# 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	0.67	2700K	90	BK DB HW WT	Black Dark Bronze Alpine White White	
	F 40°	2325	0.775	927	90			
	W 50°	2325	0.55					
	F 27°	2495	0.515					
	F 40°	2450	0.60	930	3000K			90
	W 50°	2450	0.43					
R4FRDT-930-BK N-27°	W 27°	2545	0.680	930	3500K	90		
	F 40°	2450	0.60					
	W 50°	2530	0.55					

**R4FRDT-930-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	1.00
3	0.54	0.68	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: