

# R4FRAL

## 4" FQ - Round Adjustable Trimless



Fixture Type:

Catalog Number:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

### PRODUCT DESCRIPTION

The FQ Recessed series offers a complete line of high performance LED luminaires that provide outstanding functionality and quality. The series features superlative glare control with 30° shielding, 45° vertical tilting and 360° horizontal rotation, and uniform floor-to-ceiling wall washing. Multiple power level options and a full line of round and square, trimmed and trimless luminaires offer versatile solutions for various lighting applications. Easy to order, install, and service.

### FEATURES

- Two-piece die-cast construction
- Light engine mounted on trim with springs for easy replacement
- 0-45° vertical tilting and 365° horizontal rotation
- Center beam alignment retained throughout adjustment range
- Field changeable beam angle with reflectors provided
- Accepts one Lens or glare control accessory
- 5 year WAC Lighting product warranty

### SPECIFICATIONS

- Construction:** Durable die-cast aluminum construction
- Input:** Universal 120-277V AC 50/60 Hz
- Dimming:** Electronic Low Voltage (ELV): 100%-1%  
TRIAC: 100%-1%  
0-10V: 100-1%
- Light Source:** High output 3-step Mac Adam Ellipse COB  
Rated life of 50,000 hours at L70
- Mounting:** Heavy gauge retention clips support trim firmly. Safety cabling standard. Ceiling cutout: Ø 4 3/4" Accommodates 1/2" - 1" ceiling thickness
- Finish:** Electrostatically powder coated White, Black, Dark Bronze. Enamel coated Haze.
- Standards:** ETL & cETL Damp Location Listed, Energy Star 2.0, Title 24 JA8 Compliant.

	Model	Beam	*Lumens	*CBCP	Color Temp	CRI	Finishes	Reflector/Trim
	<b>R4FRAL</b> Round Trimless	N 27°	2375	5915	<b>930</b> 3000K	90	<b>BK</b>	Black
		F 40°	2265	3560			<b>DB</b>	Dark Bronze
		W 50°	2350	3060			<b>HZ</b>	Haze
							<b>WT</b>	White

### R4FRAL-\_\_-\_\_

Example: **R4FRAL-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	940	
<b>HOUSING</b>	4	0.95	1.00	1.02	1.06
	3	0.84	0.88	0.90	0.93
	2	0.65	0.68	0.70	0.72
	1	0.45	0.47	0.48	0.50

Example: **R4FRAL-930-BK** N-27° beam in 1 housing: 2375 lm (Reference Output) x 0.47 (Multiplier) = 1115 lm  
5915 CBCP (Reference Output) x 0.47 (Multiplier) = 2780 CBCP

Please see next page for housing units (required)

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<i>HOUSING (Required)</i>		<i>Model</i>	<i>Power</i>	<i>Emergency Backup</i>
New Construction IC Airtight		<b>R4FRNL</b>	<b>1</b> 13W IC <b>2</b> 19W IC <b>3</b> 25W IC <b>4</b> 28W Non-IC	N/A
New Construction Frame-in Non-IC		<b>R4FRFL</b>	<b>1</b> 13W Non-IC <b>2</b> 19W Non-IC <b>3</b> 25W Non-IC <b>4</b> 28W Non-IC	N/A
Remodel Non-IC		<b>R4FRRL</b>	<b>1</b> 13W Non-IC <b>2</b> 19W Non-IC <b>3</b> 25W Non-IC <b>4</b> 28W Non-IC	N/A

**R4FR** \_\_\_ - \_\_\_

Example: **R4FRNL-4**

### GLARE CONTROL ACCESSORIES

<b>LENS-16-HCM</b>	<i>Honeycomb Louver</i>
<b>LENS-16P-CRL-BK</b>	<i>Cross Louver</i>

### LENS ACCESSORIES

<b>LENS-16</b>	<b>AMB</b>	<i>Amber</i>
	<b>RED</b>	<i>Red</i>
	<b>BLU</b>	<i>Blue</i>
	<b>GRN</b>	<i>Green</i>
	<b>SPR</b>	<i>Spread</i>
	<b>BEL</b>	<i>Beam Elongating</i>

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