

R4FRAT

4" FQ - Round Adjustable Trim

WAC



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	Model	Beam	*Lumens	*CBCP	Color Temp	CRI	Finishes	Reflector/Trim
	R4FRAT <i>Round Trim</i>	N 27°	2255	5620	927 2700K	90	BK DB HZWT WT	<i>Black</i> <i>Dark Bronze</i> <i>Haze/White</i> <i>White</i>
		F 40°	2155	3385				
		W 50°	2235	2905				
		N 27°	2375	5915	930 3000K	90		
		F 40°	2265	3560				
		W 50°	2350	3060				
		N 27°	2420	6030	935 3500K	90		
		F 40°	2315	3635				
		W 50°	2400	3120				

R4FRAT-__-__

Example: **R4FRAT-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
HOUSING	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: **R4FRAT-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)

wacighting.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91761

R4FRAT

4" FQ - Round Adjustable Trim

WAC

<i>HOUSING (Required)</i>		<i>Model</i>	<i>Power</i>	<i>Emergency Backup</i>
New Construction IC Airtight		R4FBNT	1 13W IC 2 19W IC 3 25W IC 4 28W Non-IC	EM Optional
New Construction Frame-in Non-IC		R4FBFT	1 13W Non-IC 2 19W Non-IC 3 25W Non-IC 4 28W Non-IC	EM Optional
Remodel Non-IC		R4FBRT	1 13W Non-IC 2 19W Non-IC 3 25W Non-IC 4 28W Non-IC	N/A

R4FB ____ - ____

Example: **R4FBNT-3** or **R4FBNT-3-EM** (with Emergency backup battery)

GLARE CONTROL ACCESSORIES

LENS-16-HCM	Honeycomb Louver
LENS-16P-CRL-BK	Cross Louver

LENS ACCESSORIES

LENS-16	AMB RED BLU GRN SPR BEL	Amber Red Blue Green Spread Beam Elongating
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R4FRAT-WD

4" FQ - Round Adjustable Trim (Dim-To-Warm)

WAC



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, Title 24 JA8-2019 Compliant.

	Model	Beam	*Lumens	*CBCP	Color Temp	CRI	Finishes	Reflector/Trim
	R4FRAT Round Trim	F 30°	1255	3005	WD 3000K-1800K	90	BK DB HZWT WT	Black Dark Bronze Haze/White White
		W 50°	1170	1690				

R4FRAT-WD-__

Example: **R4FRAT-WD-BK** (Beam F-30° reflector is pre-installed. Beam W-50° reflector is included.)

*Lumens and CBCP are reference values for WD trim with **2** housing. Use multiplier table below to determine the output for the other combination.

Multiplier		TRIM
HOUSING	2	1.00
	1	0.69

Example: **R4FRAT-WD-WT** with F-30° beam in 1 housing: 1255 lm (Reference Output) x 0.69 (Multiplier) = 865 lm
3005 CBCP (Reference Output) x 0.69 (Multiplier) = 2075 CBCP

Please see next page for housing units (required)

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Western Distribution Center
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Ontario, CA 91761

R4FRAT-WD

4" FQ - Round Adjustable Trim (Dim-To-Warm)

WAC

<i>HOUSING (Required)</i>		<i>Model</i>	<i>Power</i>	<i>Emergency Backup</i>
New Construction IC Airtight		R4FBNT	1 13W IC 2 19W IC	EM <i>Optional</i>
New Construction Frame-in Non-IC		R4FBFT	1 13W Non-IC 2 19W Non-IC	EM <i>Optional</i>
Remodel Non-IC		R4FBRT	1 13W Non-IC 2 19W Non-IC	N/A

R4FB ____ - ____

Example: **R4FBNT-2** or **R4FBNT-2-EM** (with Emergency backup battery)

GLARE CONTROL ACCESSORIES

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

LENS ACCESSORIES

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