

# R4FRDT

## 4" FQ - Round Downlight Trim

WAC



Fixture Type:

Catalog Number:

Project:

Location:

### PRODUCT DESCRIPTION

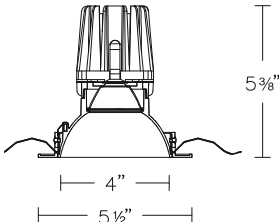
The FQ Recessed series offers a complete line of high performance LED luminaires that provide outstanding functionality and quality. The series features superlative glare control with 30° shielding, 45° vertical tilting and 360° horizontal rotation, and uniform floor-to-ceiling wall washing. Multiple 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
- 30° shielding angle design for better visual comfort
- Field changeable beam angle with reflectors provided
- Accepts one Lens or glare control accessory
- 5 year WAC Lighting product warranty

### SPECIFICATIONS

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

	Model	Beam	*Lumens	*CBCP	Color Temp	CRI	Finishes	Reflector/Trim
	<b>R4FRDT</b> <i>Round Trim</i>	N 27°	2370	6035	<b>927</b> 2700K	90	<b>BK</b> <b>DB</b> <b>HZWT</b> <b>WT</b>	<i>Black</i> <i>Dark Bronze</i> <i>Haze/White</i> <i>White</i>
		F 40°	2325	3725				
		W 50°	2355	3320				
		N 27°	2495	6355	<b>930</b> 3000K	90		
		F 40°	2450	3920				
		W 50°	2480	3495				
		N 27°	2545	6480	<b>935</b> 3500K	90		
		F 40°	2495	4000				
		W 50°	2530	3565				

### R4FRDT-\_\_-\_\_

Example: **R4FRDT-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
<b>HOUSING</b>	<b>4</b>	0.95	1.00	1.02
	<b>3</b>	0.84	0.88	0.90
	<b>2</b>	0.65	0.68	0.70
	<b>1</b>	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  
6355 CBCP (Reference Output) x 0.47 (Multiplier) = 2985 CBCP

Please see next page for housing units(required)

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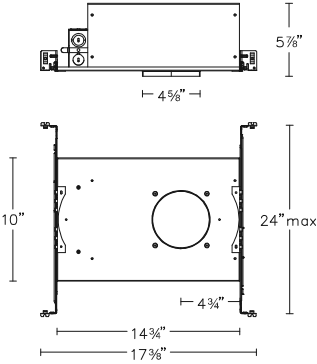
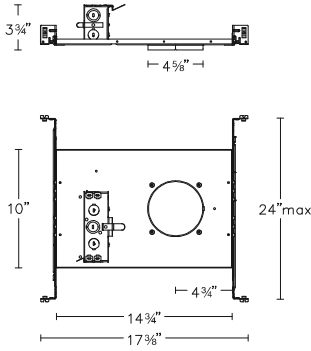
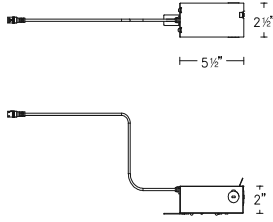
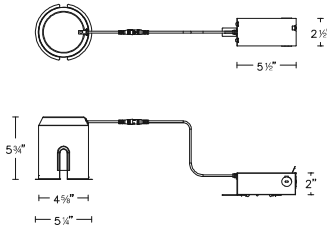
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1750 Archibald Avenue  
Ontario, CA 91761

# R4FRDT

## 4" FQ - Round Downlight Trim

WAC

HOUSING (Required)		Model	Power	Emergency Backup
New Construction IC Airtight		R4FBNT	<b>1</b> 13W IC <b>2</b> 19W IC <b>3</b> 25W IC <b>4</b> 28W Non-IC	EM Optional
New Construction Frame-in Non-IC		R4FBFT	<b>1</b> 13W Non-IC <b>2</b> 19W Non-IC <b>3</b> 25W Non-IC <b>4</b> 28W Non-IC	EM Optional
Remodel Non-IC		R4FBRT	<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 IC Airtight		R4FBR2T	<b>1</b> 13W IC	N/A

R4FB-\_\_\_\_-\_\_\_\_

Example: R4FBNT-1 or R4FBNT-1-EM (with Emergency backup battery)

### GLARE CONTROL ACCESSORIES

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

### LENS ACCESSORIES

LENS-16	<b>AMB</b> <b>RED</b> <b>BLU</b> <b>GRN</b> <b>SPR</b> <b>BEL</b>	Amber Red Blue Green Spread Beam Elongating
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 Lithia Springs, GA 30122

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# R4FRDT-WD

## 4" FQ - Round Downlight 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
- 30° shielding angle design for better visual comfort
- Field changeable beam angle with reflectors provided
- Accepts one Lens or glare control accessory
- 5 year WAC Lighting product warranty

### SPECIFICATIONS

<b>Construction:</b>	Durable die-cast aluminum construction
<b>Input</b>	Universal 120-277V AC 50/60 Hz
<b>Dimming:</b>	Electronic Low Voltage (ELV): 100%-1% TRIAC: 100%-1% 0-10V: 100-1%
<b>Light Source:</b>	High output 3-step Mac Adam Ellipse COB Rated life of 50,000 hours at L70
<b>Mounting:</b>	Heavy gauge retention clips support trim firmly. Safety cabling standard. Ceiling cutout: Ø 4 3/4" Accommodates 1/2" - 1" ceiling thickness
<b>Finish:</b>	Electrostatically powder coated White, Black, Dark Bronze. Enamel coated Haze.
<b>Standards:</b>	ETL & cETL Wet Location Listed, Energy Star 2.0, Title 24 JA8-2019 Compliant.

	Model	Beam	*Lumens	*CBCP	Color Temp	CRI	Finishes	Reflector/Trim
	<b>R4FRDT</b> Round Trim	F 30°	1300	3180	<b>WD</b> 3000K-1800K	90	<b>BK</b> <b>DB</b> <b>HZWT</b> <b>WT</b>	Black Dark Bronze Haze/White White
		W 50°	1270	1910				

### 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
<b>HOUSING</b>	2	1.00
	1	0.69

Example: **R4FRAT-WD-WT** with F-30° beam in 1 housing: 1300 lm (Reference Output) x 0.69 (Multiplier) = 900 lm  
3180 CBCP (Reference Output) x 0.69 (Multiplier) = 2195 CBCP

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# R4FRDT-WD

## 4" FQ - Round Downlight Trim (Dim-To-Warm)

WAC

<i>HOUSING (Required)</i>		<i>Model</i>	<i>Power</i>	<i>Emergency Backup</i>
New Construction IC Airtight		<b>R4FBNT</b>	<b>1</b> 13W IC <b>2</b> 19W IC	<b>EM</b> <i>Optional</i>
New Construction Frame-in Non-IC		<b>R4FBFT</b>	<b>1</b> 13W Non-IC <b>2</b> 19W Non-IC	<b>EM</b> <i>Optional</i>
Remodel Non-IC		<b>R4FBRF</b>	<b>1</b> 13W Non-IC <b>2</b> 19W Non-IC	N/A
Remodel IC Airtight		<b>R4FBR2T</b>	<b>1</b> 13W IC	N/A

**R4FB** \_\_\_\_ - \_\_\_\_

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

### 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> <b>RED</b> <b>BLU</b> <b>GRN</b> <b>SPR</b> <b>BEL</b>	<i>Amber</i> <i>Red</i> <i>Blue</i> <i>Green</i> <i>Spread</i> <i>Beam Elongating</i>
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