

# R2FSDT

## 2" FQ - Square Downlight Trim



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, 35° vertical tilting 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

- 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 3 1/2" Accommodates 1/2" - 1" ceiling thickness
- Finish:** Electrostatically powder coated White, Black, Dark Bronze. Enamel coated Haze.
- Standards:** ETL & cETL Wet Location Listed, Energy Star 2.0,

	Model	Beam	*Lumens	*CBCP	Color Temp	CRI	Finishes	Reflector/Trim
	<b>R2FSDT</b> <i>Square Trim</i>	N 25°	1980	5005	<b>930</b> 3000K	90	<b>BK</b>	<i>Black</i>
		F 40°	1950	3275			<b>DB</b>	<i>Dark Bronze</i>
		W 55°	1960	2525			<b>HZWT</b>	<i>Haze/White</i>
							<b>WT</b>	<i>White</i>

### R2FSDT-\_\_-\_\_

Example: **R2FSDT-927-BK** (Beam N-25° reflector is pre-installed. Beams F-40° and W-55° reflectors are included.)

\* Lumens and CBCP are reference values for 3000K trim with **3** housing. Use multiplier table below to determine the output for other combinations.

Multiplier	TRIM				
	927	930	935	940	
<b>HOUSING</b>	<b>3</b>	0.95	1.00	1.02	1.06
	<b>2</b>	0.83	0.87	0.89	0.92
	<b>1</b>	0.61	0.64	0.65	0.68

Example: **R2FSDT-930-BK** N-25° beam in **1** housing: 1980 lm (Reference Output) x 0.64 (Multiplier) = 1265 lm  
5005 CBCP (Reference Output) x 0.64 (Multiplier) = 3205 CBCP

Please see next page for housing units (required)

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HOUSING (Required)		Model	Power	Emergency Backup
New Construction IC Airtight		<b>R2FBNT</b>	<b>1</b> 15W IC <b>2</b> 21W IC <b>3</b> 25W Non-IC	<b>EM Optional</b>
New Construction Frame-in Non-IC		<b>R2FBFT</b>	<b>1</b> 15W Non-IC <b>2</b> 21W Non-IC <b>3</b> 25W Non-IC	<b>EM Optional</b>
Remodel Non-IC		<b>R2FBRT</b>	<b>1</b> 15W Non-IC <b>2</b> 21W Non-IC <b>3</b> 25W Non-IC	N/A
Remodel IC		<b>R2FBR2T</b>	<b>1</b> 15W IC	N/A

R2FB-\_\_\_\_ - \_\_\_\_

Example: **R2FBNT-1** or **R2FBNT-1-EM** (with Emergency backup battery)

### GLARE CONTROL ACCESSORIES

<b>LENS-11-HCM</b>	Honeycomb Louver
<b>LENS-11P-CRL-BK</b>	Cross Louver

### LENS ACCESSORIES

<b>LENS-11</b>	<b>AMB</b>	Amber
	<b>RED</b>	Red
	<b>BLU</b>	Blue
	<b>GRN</b>	Green
	<b>SPR</b>	Spread
	<b>BEL</b>	Beam Elongating

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