

# R2FSDL

## 2" FQ - Square Downlight 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, 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, Title 24 JA8 Compliant.

|  | Model                                   | Beam  | *Lumens | *CBCP | Color Temp       | CRI | Finishes  | Reflector/Trim     |
|--|---|-------|---------|-------|------------------|-----|-----------|--------------------|
|  | <b>R2FSDL</b><br><i>Square Trimless</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>HZ</b> | <i>Haze</i>        |
|  |   |       |         |       |                  |     | <b>WT</b> | <i>White</i>       |

### R2FSDL-\_\_-\_\_

Example: **R2FSDL-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: **R2FSDL-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)

|                       |  |  |                                       |                                    |
|-----------------------|--|--|---------------------------------------|------------------------------------|
| <b>wacighting.com</b> | <b>Headquarters, East Manufacturing Facility</b> | <b>South East Manufacturing Facility</b> | <b>Central Manufacturing Facility</b> | <b>West Manufacturing Facility</b> |
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| Fax (800) 526.2585    | Port Washington, NY 11050                        | Lithia Springs, GA 30122                 | Cedar Hill, TX 75104                  | Ontario, CA 91761                  |

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| <i>HOUSING (Required)</i>               |  | <i>Model</i>  | <i>Power</i>  | <i>Emergency Backup</i> |
|---|--|---------------|---|-------------------------|
| <b>New Construction<br/>IC Airtight</b> |  | <b>R2FSNL</b> | <b>1</b> 15W IC<br><b>2</b> 21W IC<br><b>3</b> 25W Non-IC | N/A                     |
| <b>Remodel<br/>Non-IC</b>               |  | <b>R2FSRL</b> | <b>1</b> 15W IC<br><b>2</b> 21W IC<br><b>3</b> 25W Non-IC | N/A                     |

### R2FS\_\_ - \_\_

Example: **R2FSNL-3**

### GLARE CONTROL ACCESSORIES

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

### LENS ACCESSORIES

|                |            |                        |
|----------------|------------|------------------------|
| <b>LENS-11</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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