

# R4FSAT

## 4" FQ - Square Adjustable Trim



### 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

# WAC LIGHTING

Fixture Type:

Catalog Number:

Project:

Location:

### 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%<br>Triac: 100%-1%<br>0-10V: 100-1%                                                                          |
| <b>Light Source:</b> | High output 3-step Mac Adam Ellipse COB<br>Rated life of 50,000 hours at L70                                                                      |
| <b>Mounting:</b>     | Heavy gauge retention clips support trim firmly.<br>Safety cabling standard. Ceiling cutout: Ø 4 3/4"<br>Accommodates 1/2" - 1" ceiling thickness |
| <b>Finish:</b>       | Electrostatically powder coated White, Black, Dark Bronze. Enamel coated Haze.                                                                    |
| <b>Standards:</b>    | ETL & cETL Damp Location Listed, Energy Star 2.0, Title 24 JA8-2019 Compliant.                                                                    |

| Model                                                                               | Model                               | Beam  | *Lumens | *CBCP | Color Temp       | CRI | Finishes                                           | Reflector/Trim                                                          |
|-------------------------------------------------------------------------------------|-------------------------------------|-------|---------|-------|------------------|-----|----------------------------------------------------|-------------------------------------------------------------------------|
|  | <b>R4FSAT</b><br><i>Square Trim</i> | N 27° | 1595    | 5110  | <b>927</b> 2700K | 90  | <b>BK</b><br><b>DB</b><br><b>HZWT</b><br><b>WT</b> | <i>Black</i><br><i>Dark Bronze</i><br><i>Haze/White</i><br><i>White</i> |
|                                                                                     |                                     | F 40° | 1515    | 3320  |                  |     |                                                    |                                                                         |
|                                                                                     |                                     | W 50° | 1590    | 2995  |                  |     |                                                    |                                                                         |
|                                                                                     |                                     | N 27° | 1680    | 5375  | <b>930</b> 3000K | 90  |                                                    |                                                                         |
|                                                                                     |                                     | F 40° | 1595    | 3495  |                  |     |                                                    |                                                                         |
|                                                                                     |                                     | W 50° | 1670    | 3150  |                  |     |                                                    |                                                                         |

### R4FSAT-\_\_-\_\_

Example: **R4FSAT-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  |
| <b>HOUSING</b> | <b>4</b> | 0.95 | 1.00 |
|                | <b>3</b> | 0.84 | 0.88 |
|                | <b>2</b> | 0.65 | 0.68 |
|                | <b>1</b> | 0.45 | 0.47 |

Example: **R4FSAT-930-BK** N-27° beam in **1** housing: 1680 lm (Reference Output) x 0.47 (Multiplier) = 790 lm  
5375 CBCP (Reference Output) x 0.47 (Multiplier) = 2525 CBCP

Please see next page for housing units(required)

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# R4FSAT

## 4" FQ - Square Adjustable Trim

# WAC LIGHTING

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

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

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

## GLARE CONTROL ACCESSORIES

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

## LENS ACCESSORIES

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

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