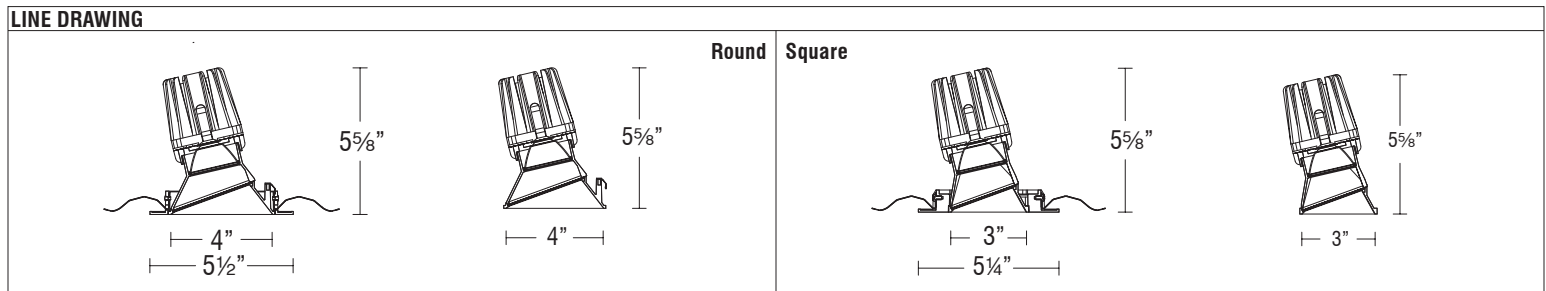


## FQ Tunable White

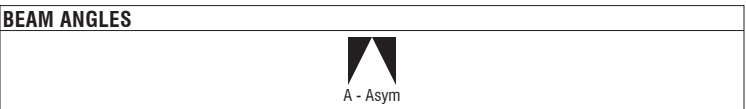
### 4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_

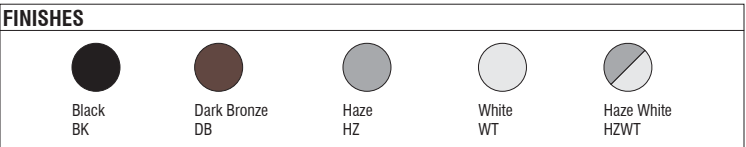


**PRODUCT DESCRIPTION**  
 FQ (Function + Quality) Experience simplicity and versatility with FQ 4" recessed luminaires. The fixtures merge modern design with world-class performance to achieve the ultimate in function and flexibility. Enjoy the benefits of two fixtures in one with Tunable White 1800-4000K and Dim-to-Warm 3000K-1800K features built into each luminaire, allowing you to customize the best light to illuminate dining areas, great rooms, primary bedrooms, kitchens, and baths on the fly. Deep regressed light sources deliver a glare-free, quiet ceiling aesthetic for a clean architectural look while providing a robust output from a diminutive source.



**SPECIFICATIONS**

|                                  |  |
|----------------------------------|--|
| <b>Construction:</b>             | Durable die-cast self flanged aluminum construction  |
| <b>Mounting:</b>                 | Heavy gauge retention clips support trim firmly<br>Ceiling cut out (Round): Trim $\varnothing$ 4 3/4" $\bigcirc$<br>Trimless $\varnothing$ 4 3/4" $\bigcirc$<br>Ceiling cut out (Square): Trim 4 3/4" x 4 3/4" $\square$<br>Trimless 4 3/4" x 4 3/4" $\square$<br>Accommodates 1/2" - 1" ceiling thickness |
| <b>Light Source:</b>             | High output 3-step Mac Adam Ellipse COB<br>Rated life of 50,000 hours at L70   |
| <b>Input:</b>                    | Universal 120-277V AC, 50/60 Hz  |
| <b>Dimming:</b>                  | 2CH 0-10V, DMX512-A: 100-0.1%  |
| <b>Maximum Delivered Output:</b> | Up to 1,367 lm (Round Asymmetric, 26W, 4000K, CRI 90)  |
| <b>Operating Temperature:</b>    | -4°F to 104°F (-20°C to 40°C)  |
| <b>Standards:</b>                | ETL & cETL Wet location listed, Title 24 JA8 Compliant   |
| <b>Warranty:</b>                 | 5 year WAC Lighting guaranteed warranty  |



| Model                  | Beam   | Lumens      | CBCP | Color Temp | CRI               |
|------------------------|--------|-------------|------|------------|-------------------|
|                        |        | Ref Output* |      |            |                   |
| R4FRWT Round Trim      | A Asym | Round       | 1210 | N/A        | TW 1800K-4000K 90 |
| R4FRWL Round Trimless  |        | Square      | 1080 | N/A        |                   |
| R4FSWT Square Trim     |        |             |      |            |                   |
| R4FSWL Square Trimless |        |             |      |            |                   |

Lumens and CBCP are reference values for a trim fixture with 3 housing set to 3000K Color Temperature. Refer to Multiplier Table in Performance Data to determine other outputs.

## FQ Tunable White 4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_

### ORDERING INFORMATION

| CONFIGURATION TABLE |                         |   |
|---------------------|-------------------------|---|
| Model               | Color Temperature & CRI | Reflector Finish                              |
| <b>R4FRWT</b>       | <b>TW - 1800K-4000K</b> | <b>BK - BLACK</b>                             |
| <b>R4FRWL</b>       |                         | <b>DB - DARK BRONZE</b>                       |
| <b>R4FSWT</b>       |                         | <b>HZ - HAZE</b>                              |
| <b>R4FSWL</b>       |                         | <b>HZWT - HAZE/WHITE</b><br><b>WT - WHITE</b> |

### R4FRWT-TW-\_\_

Example: R4FRWT-TW-WT

| ORDERING NOTES   |
|--|
| 1. The "Haze/White" finish is only available on trimmed fixtures (R4FRWT, R4FSWT). |
| 2. The "Haze" finish is only available on trimless fixtures (R4FRWL, R4FSWL)       |

| Housings   | Model             | Control Options                     | Power   |
|--|-------------------|-------------------------------------|---|
| New Construction<br>IC Airtight -<br>Round & Square Trim | <b>R4FBNT-TW</b>  | <b>X</b> DMX512-A<br><b>Z</b> 0-10V | <b>1</b> 14W IC<br><b>2</b> 19W IC<br><b>3</b> 26W IC             |
| New Construction<br>IC Airtight -<br>Round Trimless      | <b>R4FRNL-TW</b>  | <b>X</b> DMX512-A<br><b>Z</b> 0-10V | <b>1</b> 14W IC<br><b>2</b> 19W IC<br><b>3</b> 26W IC             |
| New Construction IC<br>Airtight -<br>Square Trimless     | <b>R4FSNL-TW</b>  | <b>X</b> DMX512-A<br><b>Z</b> 0-10V | <b>1</b> 14W IC<br><b>2</b> 19W IC<br><b>3</b> 26W IC             |
| Remodel Non-IC<br>Round Trimless                         | <b>R4FRRL-TW</b>  | <b>X</b> DMX512-A<br><b>Z</b> 0-10V | <b>1</b> 13W Non-IC<br><b>2</b> 19W Non-IC<br><b>3</b> 25W Non-IC |
| Remodel Non-IC<br>Square Trimless                        | <b>R4FSRL-TW</b>  | <b>X</b> DMX512-A<br><b>Z</b> 0-10V | <b>1</b> 13W Non-IC<br><b>2</b> 19W Non-IC<br><b>3</b> 25W Non-IC |
| Remodel IC<br>Round & Square Trim                        | <b>R4FBR2T-TW</b> | <b>X</b> DMX512-A<br><b>Z</b> 0-10V | <b>1</b> 14W IC   |
| Remodel Non-IC<br>Round & Square Trim                    | <b>R4FBRT-TW</b>  | <b>X</b> DMX512-A<br><b>Z</b> 0-10V | <b>1</b> 14W Non-IC<br><b>2</b> 19W Non-IC<br><b>3</b> 26W Non-IC |

| ACCESSORIES     |                             |
|-----------------|-----------------------------|
| LENS-16-HCM     | <i>Honeycomb Louver</i>     |
| LENS-16P-CRL-BK | <i>Cross Louver</i>         |
| LENS-16AMB      | <i>Amber Lens</i>           |
| LENS-16RED      | <i>Red Lens</i>             |
| LENS-16BLU      | <i>Blue Lens</i>            |
| LENS-16GRN      | <i>Green Lens</i>           |
| LENS-16SPR      | <i>Spread Lens</i>          |
| LENS-16BEL      | <i>Beam Elongating Lens</i> |

**R4F\_\_-TW\_\_**  
 Example: R4FBNT-TWX-2

# FQ Tunable White

## 4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type: \_\_\_\_\_

Project: \_\_\_\_\_

Catalog#: \_\_\_\_\_

Location: \_\_\_\_\_

### FEATURES

|  |   |
|--|---|
| <p><b>Optics:</b></p> <ul style="list-style-type: none"> <li>• High lumen output across the full Tunable White CCT range of 1800K - 4000K</li> <li>• Powerful glare control due to the fixtures 30° shielding angle, 45° vertical tilting, and 360° horizontal rotation</li> </ul> | <p><b>Construction:</b></p> <ul style="list-style-type: none"> <li>• Two piece die-cast aluminum constructed body and trim</li> </ul>   |
| <p><b>LED:</b></p> <ul style="list-style-type: none"> <li>• High output COB LED with a 3-step Mac Adam ellipse</li> <li>• Rated operational life of 50,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 50,000 hours of use.)</li> </ul>     | <p><b>Trim and Reflector:</b></p> <ul style="list-style-type: none"> <li>• Available in a wall wash (asymmetric) beam angle for even wall illumination both vertically and horizontally</li> </ul>  |
| <p><b>Electrical:</b></p> <ul style="list-style-type: none"> <li>• Input power is universal 120-277VAC and 50/60 Hz</li> <li>• Available in 14W, 19W, and 26W power levels</li> </ul>  | <p><b>Installation:</b></p> <ul style="list-style-type: none"> <li>• Light engine is mounted onto the trim using springs that allow for easy replacement</li> <li>• Heavy gauge retention clips firmly support the trim within the housing</li> </ul> |
| <p><b>Dimming:</b></p> <ul style="list-style-type: none"> <li>• DMX512-A and 2 Channel 0-10V dimming are available</li> <li>• DMX512-A and 2 Channel 0-10V dimming are both capable of a range of 100 - 0.1%</li> </ul>  | <p><b>Warranty:</b></p> <ul style="list-style-type: none"> <li>• WAC Architectural limited warranty up to 5 years</li> <li>• Full warranty found at: <a href="http://wacighting.com/warranty">wacighting.com/warranty</a></li> </ul>                  |
| <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>• The White, Black, and Dark Bronze finishes are all electrostatically powder coated</li> <li>• The Haze finish is enamel coated</li> </ul>  |   |

# FQ Tunable White

## 4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type: \_\_\_\_\_

Project: \_\_\_\_\_

Catalog#: \_\_\_\_\_

Location: \_\_\_\_\_

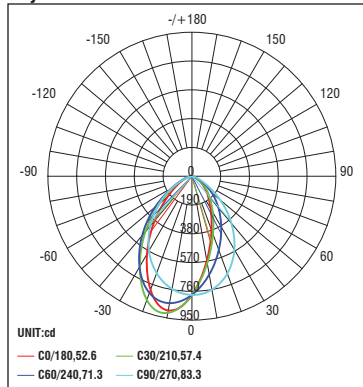
### PERFORMANCE DATA

#### Polar Candela Distribution Charts

Samples shown from a trim fixture with 3 housing set to 3000K.

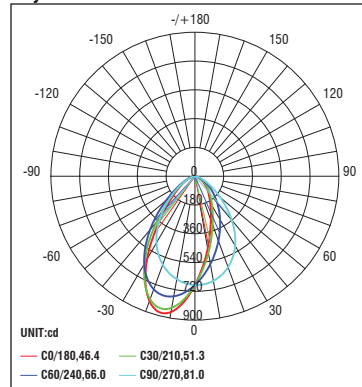
#### ROUND

##### Asymmetric Beam



#### SQUARE

##### Asymmetric Beam



# FQ Tunable White

## 4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_

### PERFORMANCE DATA

#### Unified Glare Rating (UGR) Table

General performance of fixtures at 3000K and 90 CRI.

| Round Fixture | Angle | UGR Range |
|---------------|-------|-----------|
| Asymmetric    | -     | ≤28       |

| Square Fixture | Angle | UGR Range |
|----------------|-------|-----------|
| Asymmetric     | -     | ≤26       |

#### Lumens and CBCP Multiplier Table

Use the below table to determine lumens and CBCP values for the combinations of power, color temperature, and CRI values.

| Lumens & CBCP Multiplier |                     | Color Temperature |       |       |       |       |       |
|--------------------------|---------------------|-------------------|-------|-------|-------|-------|-------|
| TWA (1800K - 4000K)      | Housing Power Level | 1800K             | 2200K | 2700K | 3000K | 3500K | 4000K |
|                          | 1 (14W)             | 0.42              | 0.48  | 0.53  | 0.56  | 0.59  | 0.63  |
|                          | 2 (19W)             | 0.59              | 0.67  | 0.74  | 0.78  | 0.83  | 0.88  |
|                          | 3 (26W)             | 0.76              | 0.86  | 0.95  | 1.00  | 1.07  | 1.13  |

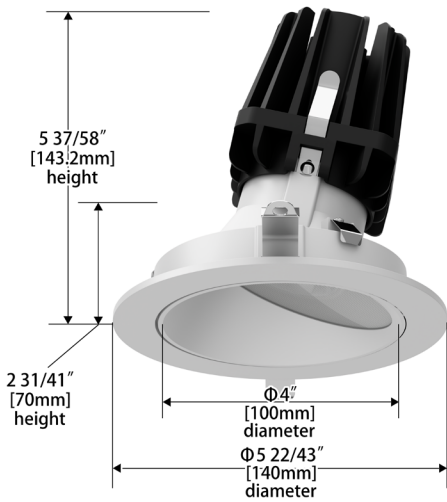
FQ Tunable White  
4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

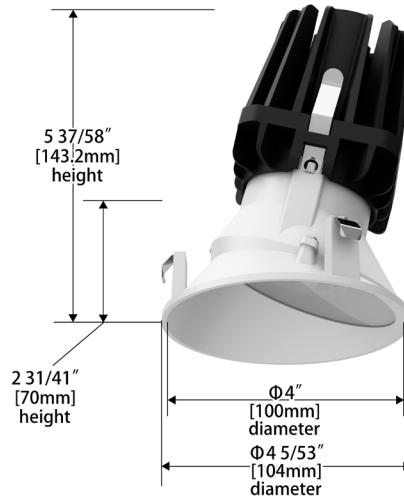
Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_

**DIMENSIONAL DIAGRAMS**

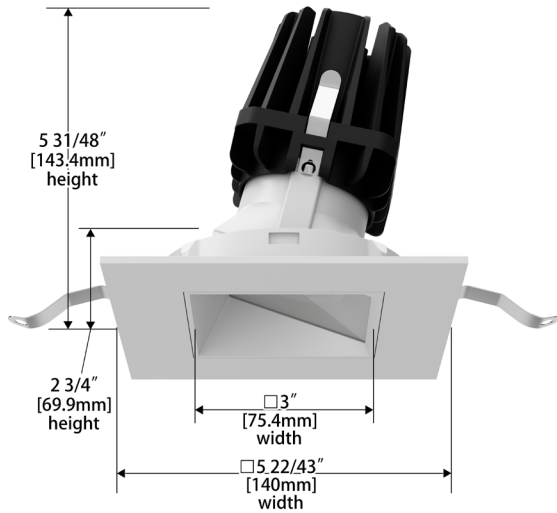
**Round Trim (R4FRWT)**



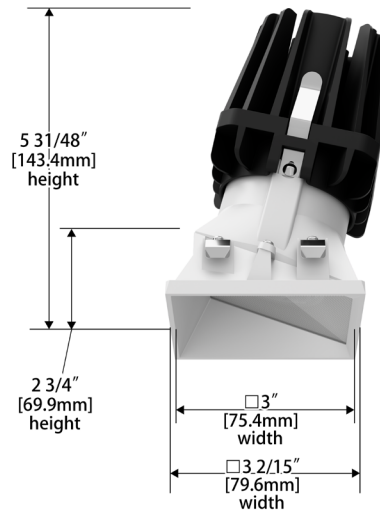
**Round Trimless (R4FRWL)**



**Square Trim (R4FSWT)**



**Square Trimless (R4FSWL)**



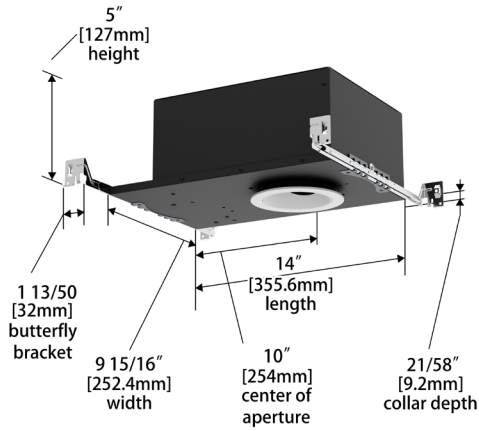
FQ Tunable White  
4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

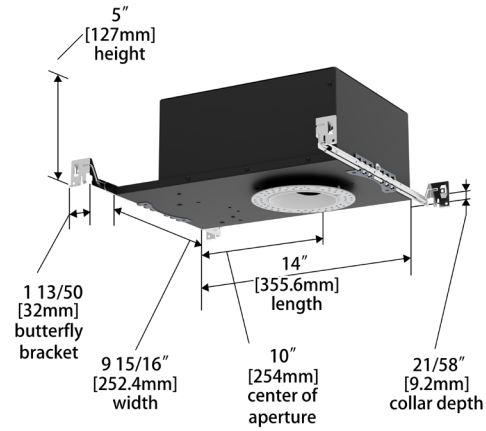
Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_

**DIMENSIONAL DIAGRAMS**

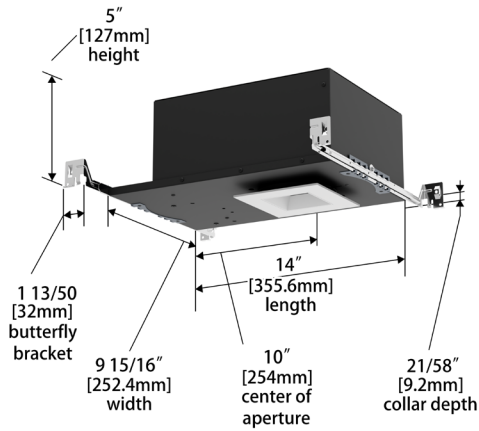
**New Construction - Round Trim**



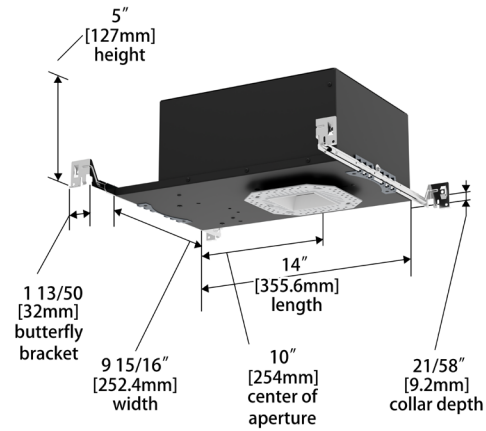
**New Construction - Round Trimless**



**New Construction - Square Trim**



**New Construction - Square Trimless**



## FQ Tunable White

### 4" Wall Wash

R4FRWT | R4FRWL | R4FSWT | R4FSWL

Fixture Type: \_\_\_\_\_

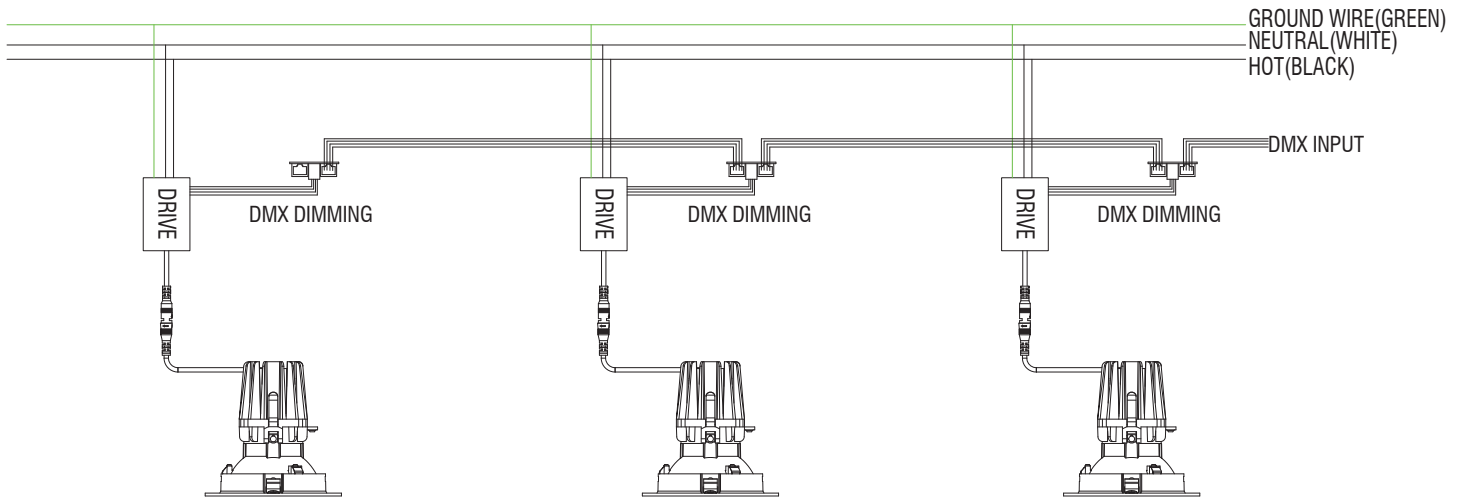
Project: \_\_\_\_\_

Catalog#: \_\_\_\_\_

Location: \_\_\_\_\_

#### WIRING DIAGRAMS

##### DMX512-A



##### 2CH 0-10V

