# FWAFER6



Color: White + red

Weight: 1.4 lbs

| | |
|---|---|
| **Project:** | **Type:** |
| **Prepared By:** | **Date:** |

### Driver Info

| | |
|---|---|
| Type | Constant Current, Class 2 |
| 120V | 0.14A |
| 208V | N/A |
| 240V | N/A |
| 277V | N/A |
| Input Watts | 15W |

### LED Info

| | |
|---|---|
| Watts | 15W |
| Color Temp | 2700/3000/3500/4000/5000K |
| Color Accuracy | >90 CRI |
| L70 Lifespan | 50,000 Hours |
| Lumens | 1,330 lm |
| Efficacy | 89 |

## Technical Specifications

### Performance

**Product Type:**
Edge-Lit Wafer

**Description:**
Fire-resistant edge-lit wafer offered in 4" and 6" models with 5 selectable color temperatures in one wafer. The remote driver makes these ideal for new construction and retrofit applications.

**Wattage Equivalency:**
75W Halogen

**Input Wattage:**
15W

**Lumens:**
2700K @ 1,270lm; 3000K @ 1,313lm; 3500K @ 1,364lm; 4000K 1,378lm; 5000K 1,327lm

**Efficacy:**
2700K @ 85lm/W; 3000K @ 88lm/W; 3500K @ 91lm/W; 4000K @ 92lm/W; 5000K @ 88lm/W

**L70 Lifespan:**
50,000-Hour LED lifespan based on IES LM-70 results

### Electrical

**Driver:**
Constant Current, Class 2, 60 Hz, 120V, 120V: 0.14A

**THD:**
≤20%

**Power Factor:**
≥0.9

**Dimmable:**
Yes, using compatible TRIAC/ELV dimming systems. Dimmable down to 10%.

**Input Voltage:**
120V

**Operating Frequency:**
60 Hz

**Input Current @ 120V (mA):**
137mA

**Operating Temperature:**
-4°F to 104°F (-20°C to 40°C)

**Flicker:**
5%

### LED Characteristics

**Color Temperature:**
Field adjustable via dip switch 2700K/3000K/3500K/4000K/5000K

**Color Accuracy (CRI):**
>90 CRI

**R9 Value:**
High color performance with R9 greater than or equal to 50

**Color Consistency:**
4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability:**
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

**Color Uniformity:**
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Optical

**Beam Angle:**
90°


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## Technical Specifications (continued)

### Installation

**Mounting:**
Recessed Housing

**Installation:**
Can be installed in ceilings from 3/8" to 5/8" thick with spring-loaded retention clips. Cutout template included in box. Can be removed from below the ceiling for service or replacement.

**Remote Driver/Junction Box:**
Die formed metal driver / junction box with captive hinged junction box cover. Recessed CCT Selectable dipswitch. Listed for (6) #12 AWG 90°C splice conductors, 2-in, 2-out plus (2) ground. (4) 1/2" conduit pry-outs. (3) quick snap-in connectors for quick and reliable line voltage connections. Integral mounting facilitates direct mounting to building structure or mounting frame.

### Construction

**Size:**
6"

**Shape:**
Round

**Finish:**
White+Red

**Enclosure Material:**
Metal

**Trim Style:**
Smooth

**Lens:**
Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

**Cut Out Template Size:**
4 5/16"

**IC Rated:**
Suitable for direct contact with insulation

**Air Tight:**
Housing certified Air Tight as per ASTM E283

### Compliance

**Fire Resistant:**
Tested to UL 263 standards for 2-hour fire resistance

**Environment:**
Suitable for indoor and outdoor use in dry, damp, and wet environments

**Energy Star Approved:**
This product is ENERGY STAR® Version 2.2 Certified.

**DLC Listed:**
Not applicable

**Certification Model Number:**
DLW0097(FWAFER6)

**T20 Compliant:**
Not applicable

**California Title 24 JA8 Compliant:**
Can be used to conform with the requirements of California Title 24 Part 6

**California Energy Commission (CEC) Status:**
Lawful for Sales in California

**RoHS:**
Mercury and UV free. RoHS-compliant components.

**FCC:**
Complies with Part 15B of the FCC Rules

**Trade Agreements Act Compliant:**
This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

### Other

**Accessories:**
EXTCBL-FA-6
6' Extension Cable
EXTCBL-FA-12
12' Extension Cable
EXTCBL-FA-20
20' Extension Cable

**Warranty:**
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

**Note:**
All values are typical (tolerance +/- 10%)

**Buy American Act Compliance:**
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.


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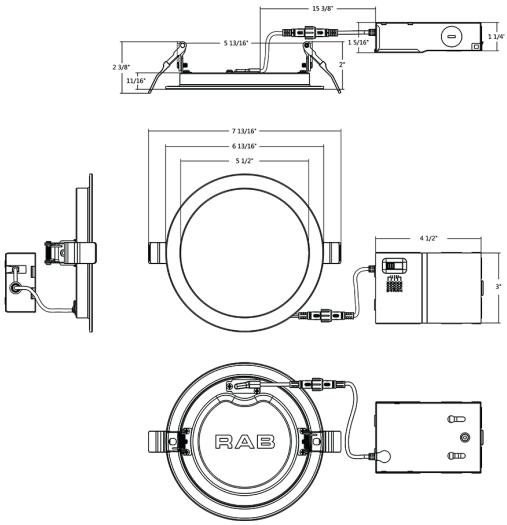
## Dimensions




## Features

- Tested to UL 263 standards for 2-hour fire resistance
- 5 color temperatures in 1 SKU (2700K, 3000K, 3500K, 4000K, 5000K)
- Super slim, edge-lit fixture
- No recessed housing or J-box required
- New construction or retrofit applications

## Ordering Matrix

| Family | Size | Shape | CRI/Color Temp | Voltage | Finish | Trim |
|---|---|---|---|---|---|---|
| FWAFER | 6 | | | | | |
| | **4 =** 4"<br>**6 =** 6" | **Blank =** Round | **Blank =** 90 CRI; 2700K/3000K/3500K/4000K/5000K CCT Adjustable | **Blank =** 120V | **Blank =** White + Red | **Blank =** Smooth<br>**B =** Baffle |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