



Color: White

Weight: 6.7 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info |                   | LED Info       |                   |
|-------------|-------------------|----------------|-------------------|
| Type        | Constant          | Watts          | 30/25/18W         |
| 120V        | 0.25A/0.21A/0.15A | Color Temp     | 3500/4000/5000K   |
| 208V        | 0.15A/0.12A/0.09A | Color Accuracy | 85 CRI            |
| 240V        | 0.13A/0.10A/0.08A | L70 Lifespan   | 100,000 Hours     |
| 277V        | 0.11A/0.10A/0.07A | Lumens         | 2,438-4,156 lm    |
| Input Watts | 17.9-30.1W        | Efficacy       | 127.98-144.5 lm/W |

## Technical Specifications

### Compliance

#### UL Listed:

Suitable for damp locations

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

### Electrical

#### Driver:

30W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A

25W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.10A

18W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

#### THD:

3.43% at 120V, 4.22% at 277V

#### Power Factor:

99.72% at 120V, 96.03% at 277V

#### Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120.

#### Surge Protection:

2.5 kV

### Construction

#### Housing:

Steel sheet metal

#### Ambient Temperature:

Suitable for use in up to 104°F (40°C)

#### Reflector:

High-reflectance, powder-coated finish, optimized for uniform light distribution

#### Lens:

Polycarbonate lens

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### LED Characteristics

#### LEDs:

Long-life, high-efficiency, surface-mount LEDs

#### Color Stability:

LED color temperature is warranted 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.

### Installation

#### Mounting:

Retrofits into the existing housing

### Performance

#### Lifespan:

100,000-Hour LED lifespan based on IESIm-80 results and TM-21 calculations

**Technical Specifications (continued)****Sensor Settings****Capacitance Load:**

400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

**Operating Temperature:**

-4°F to +140°F(-20°C to +60°C)

**Relay:**

Zero-cross relay

**Maximum Mounting Height:**

16.4 ft

**Customizable Detection Area:**

10, 50, 75 or 100%

**Time Delay:**

5s, 30s, 1min, 5min, 10min, 20min, 30min

**Cut Off Period:**

0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

**Cut-Off Dimming level:**

10, 20, 30, 50%

**Cut-Off Power:**

Less than 1W

**Daylight Threshold:**

Disable/400Lux/350Lux/300Lux/250Lux/200Lux/120Lux/ 80Lux/50Lux/30Lux/10Lux/2Lux

**Sensor Principle:**

High Frequency

**Microwave Frequency:**

5.8GHz +/- 75MHz

**Microwave Power:**

<0.3mW

**Max Detection Range:**

26 ft diameter at 16 ft mounting height

**Detection Angle:**

About 30 to 150 degrees

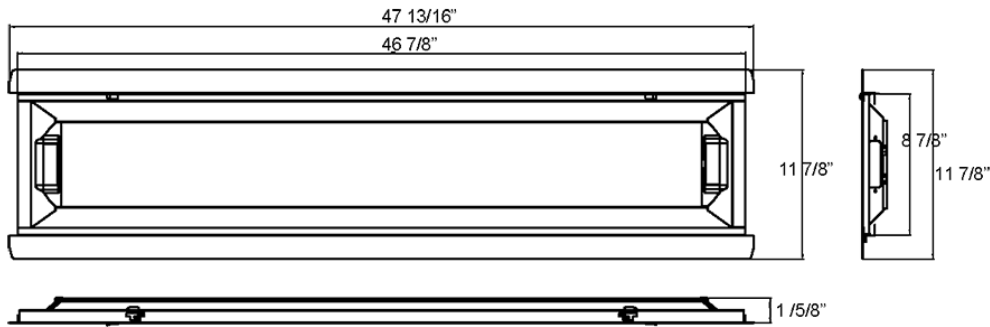
**Remote Control Accessory:**

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

**Other****5-Year Limited Warranty:**

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

Dimensions



Ordering Matrix

| Family | Size (Wattage)  | Color Temp                             | Finish        | Driver                          | Options  |
|--------|---|--|---------------|---------------------------------|--|
| RTLED  | 1X4   |  |               |                                 | /MVS/E   |
|        | 2X2 = 2' x 2' (30/25/18W)<br>1X4 = 1' x 4' (30/25/18W)<br>2X4 = 2' x 4' (35/30/25W) | Blank = 3500/4000/5000K CCT Adjustable | Blank = White | Blank = 120-277V, 0-10V Dimming | Blank = No Option<br>/E = Battery Backup<br>/MVS = Microwave Occupancy Sensor<br>/LCB = Lightcloud Blue<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor<br>/MVS/E = Microwave Occupancy Sensor w/Battery Backup<br>/LCB/E = Lightcloud Blue w/Battery Backup<br>/LCBS/E = Lightcloud Blue w/PIR Sensor & Battery Backup<br>/LCBS/MVS/E = Lightcloud Blue w/MVS Sensor & Battery Backup |