



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

| Driver Info  |                  | LED Info        |         |
|--------------|------------------|-----------------|---------|
| Type:        | Constant Current | Watts:          | 39W     |
| 120V:        | 0.33A            | Color Temp:     | 4000K   |
| 208V:        | 0.20A            | Color Accuracy: | 84 CRI  |
| 240V:        | 0.17A            | L70 Lifespan:   | 60000   |
| 277V:        | 0.15A            | Lumens:         | 5269    |
| Input Watts: | 39W              | Efficacy:       | 135 LPW |
| Efficiency:  | N/A              |                 |         |

## Technical Specifications

### Listings

#### UL Listed:

Suitable for damp locations

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

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

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.

DLC Product Code: P1D0HOCF

### Electrical

#### Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.33A, 0.20A, 0.17A, 0.15A

#### Dimming Driver:

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

#### THD:

7.9% at 120V, 9.5% at 277V

#### Power Factor:

99.4% at 120V, 93.5% at 277V

#### Surge Protection:

4kV

### Construction

#### Housing:

Steel sheet metal

#### Ambient Temperature:

Suitable for 40°C (104°F) ambient temperatures

#### Reflector:

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

#### Mounting:

Recessed ceiling

#### Lens:

Polycarbonate lens

#### Finish:

Formulated for high-durability and long lasting color

#### Green Technology:

Mercury and UV-free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals.

### LED Characteristics

#### Note:

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

#### LEDs:

Long-life, high-efficacy surface mount LEDs

#### Lifespan:

60,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

#### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

#### Color Uniformity:

RAB's range of CCT (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.

### Sensor Specifications

#### Capacitance Load:

400W at 120V, 800W at 230V, 1000W at 277V

#### Operating Temperature:

-20°C to +60°C (-4°F to +140°F)

#### Relay:

Zero-cross relay

#### Maximum Mounting Height:

16.4 feet

#### Customizable Detection Area:

10, 50, 75 or 100%

#### Time Delay:

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

## Technical Specifications (continued)

### Sensor Specifications

#### 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:

About .2-5 fc for disabled

#### Sensor Principle:

High Frequency

#### Microwave Frequency:

5.8GHz +/- 75MHz

#### Microwave Power:

<0.2mW

#### Detection Range Max:

52.5 feet across, 32.8 feet high

#### Detection Angle:

About 30 to 150 degrees

#### Remote Control:

Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options.

#### Other

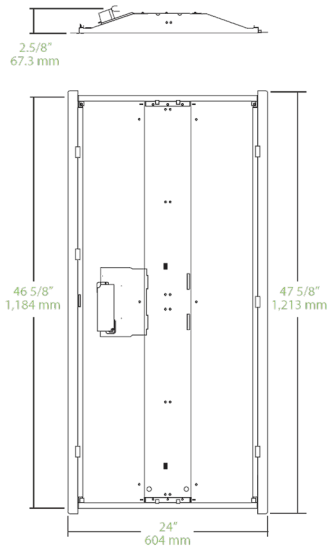
#### Warranty:

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.

#### 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.

## Dimensions



## Features

Troffer Retrofit can be installed in under 3 minutes by 1 person

Frosted polycarbonate lens provides a uniform distribution and reduces glare

0-10V dimming standard

5-Year No Compromise Warranty

## Ordering Matrix

| Family | Size        | Wattage                          | Color Temp                                    | Finish    | CRI                                      | Dimming Driver       | Options  | Bulk Qty   |
|--------|-------------|----------------------------------|---|-----------|--|----------------------|--|--|
| RTLED  | 2X4         | 39                               | N   | W         |  | /D10                 | /MVS   |  |
|        | 1X4 = 1'x4' | 19 = 19W (2x2, 1x4)              | Blank = 5000K (Cool)                          | W = White | Blank = 80 CRI /HC = 90 CRI (4000K only) | /D10 = 0-10V Dimming | Blank = No Options<br>/LC = Lightcloud® Controller<br>/E2 = Battery Backup<br>/MVS = Microwave Sensor<br>/MVS/E2 = Microwave Sensor and Battery Backup | Blank = Individual<br>BULK = Comes in qty 6 (not available with options) |
|        | 2X2 = 2'x2' | 29 = 29W (2x2, 1x4)              | N = 4000K (Neutral)                           |           |  |                      |  |  |
|        | 2X4 = 2'x4' | 39 = 39W (2x4)<br>49 = 49W (2x4) | YN = 3500K (Warm Neutral)<br>Y = 3000K (Warm) |           |  |                      |  |  |