



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

| Driver Info |                  | LED Info       |                   |
|-------------|------------------|----------------|-------------------|
| Type        | Constant Current | Watts          | 30W               |
| 120V        | 0.25A            | Color Temp     | 3500K/4000K/5000K |
| 208V        | 0.15A            | Color Accuracy | 81-84 CRI         |
| 240V        | 0.13A            | L70 Lifespan   | 50,000 Hours      |
| 277V        | 0.11A            | Lumens         | 2279-4328         |
| Input Watts | 17.5-34.4W       | Efficacy       | 118.8-134.1 lm/W  |

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
40W/30W/20W (factory default 30W)  
Color temperature (selectable by 3500K, 4000K and 5000K)

### Compliance

#### UL Listed:

Suitable for damp locations

#### CCEA Compliant:

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

#### 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 is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.  
DLC Product Code: S-4OP1IZ

### Construction

#### IC Rated:

Suitable for direct contact with insulation

#### Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

#### Maximum Ambient Temperature:

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

#### Lens:

Frosted polystyrene

#### Housing:

Plastic frame & galvanized steel back housing

### Finish:

White

### Mounting:

Recessed into T-grid ceiling. Surface and recessed mounting kits available for drywall ceilings.

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### LED Characteristics

#### LEDs:

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

## Technical Specifications (continued)

### Performance

#### Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Electrical

#### Drivers:

20W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A  
 30W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A  
 40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

#### Dimming Driver:

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

#### THD:

5.44% at 120V, 8.25% at 277V

#### Power Factor:

99.7% at 120V, 95% at 277V

#### Note:

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

### Sensor Specifications

#### Capacitance Load:

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

#### 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

#### 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

#### Max Detection Range:

26 ft. diameter at 16 ft. mounting height

#### Detection Angle:

About 30 to 150 degrees

#### Remote Control:

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

### Other

#### 5 Yr 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).

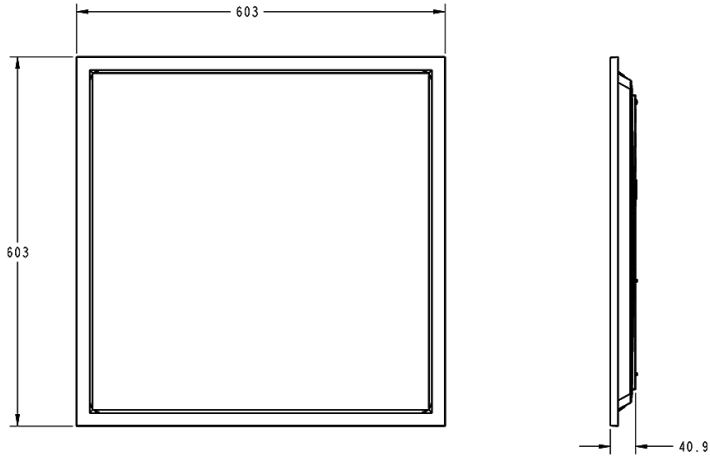
#### Buy American Act Compliance:

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.

#### Equivalency:

Equivalent to (2) F32T8 or (5) F17T8 or (4) F14T5

**Dimensions**



**Features**

- 0-10V dimming
- 50,000-Hour LED lifespan
- 5-year, limited warranty

**Ordering Matrix**

| Family | Size/Wattages   | Color Temp                | Finish        | Voltage                         | Options   |
|--------|---|---------------------------|---------------|---------------------------------|---|
| T34FA  | -   | 2X2                       |               |                                 | /MVS  |
|        | 2X2 = 2' x 2' 40/30/20W<br>1X4 = 1' x 4' 40/30/20W<br>2X4 = 2' x 4' 50/40/30W | Blank = 5000K/4000K/3500K | Blank = White | Blank = 0-10V Dimming, 120-277V | Blank = No Option<br>/LC = Lightcloud Control<br>/LCB = Lightcloud Blue<br>/MVS = Microwave Occupancy Sensor<br>/E = Battery Backup |