

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

Driver Info		LED Info	
Type	Constant Current	Watts	48/36/24W
120V	0.40A/0.30A/0.20A	Color Temp	3000/3500/4000/5000K
208V	0.24A/0.18A/0.13A	Color Accuracy	82-84 CRI
240V	0.20A/0.15A/0.10A	L70 Lifespan	100,000 Hours
277V	0.18A/0.13A/0.09A	Lumens	3,028-6,468 lm
Input Watts	23.3-48.3W	Efficacy	121.3-142.5 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
48W/36W/24W(factory default 36W)  
Color temperature selectable by 5000K, 4000K, 3500K and 3000K (factory default: 4000K)

### 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:

48W: Class 2, Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.40A, 208V: 0.24A, 240V: 0.20A, 277V: 0.18A  
36W: Class 2, Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.30A, 208V: 0.18A, 240V: 0.15A, 277V: 0.13A  
24W: Class 2, Class P, Constant Current, 120-277V, 50/60 Hz, 120V: 0.20A, 208V: 0.13A, 240V: 0.10A, 277V: 0.09A

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 5%.

#### THD:

7.14% at 120V, 10.03% at 277V

#### Power Factor:

99.6% at 120V, 96.9% at 277V

#### Surge Protection:

1-2 kV

#### Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

### Battery Backup Light Loss Factor:

48W: 0.38  
36W: 0.48  
24W: 0.73

### Performance

#### Lifespan:

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

### LED Characteristics

#### LEDs:

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

#### Color Consistency:

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### 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.

### Construction

#### Maximum Ambient Temperature:

Suitable for use in up to 122°F (50°C)

#### Housing:

Cold Rolled Carbon Steel Sheets and Strip (SPCC)

**Technical Specifications (continued)**

**Lens:**  
Diffused Polymethyl Methacrylate (PMMA)

**Finish:**  
Formulated for high durability and long-lasting color

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

**Installation**

**Mounting:**  
Wall mount

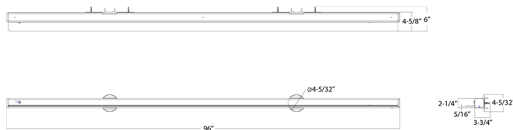
**Other**

**Lighting Pattern:**  
70% downlight, 30% uplight

**Accessories:**  
Fixture to fixture connector: [TOMO CONNECT](#)

**5-Year, No-Compromise 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](http://rablighting.com/warranty).

**Dimensions**



**Features**

- 0-10V dimming
- 100,000-Hour LED lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Length (Wattage)	Color Temp	Finish	Mounting	Driver	Controls	Battery Backup
TOMO	8 2 = 2' (12/9/6W) 4 = 4' (24/18/12W) 8 = 8' (48/36/24W)	Blank = 3000/3500/4000/5000K CCT Adjustable	Blank = White	WM = WM	Blank = 120-277V, 0-10V Dimming	/LCBS/MVS = Lightcloud Blue w/MVS Sensor /PIR = Passive Infrared Occupancy Sensor /LCBS = Lightcloud Blue w/PIR Sensor /LCB = Lightcloud Blue /LCS = Lightcloud /LC = Lightcloud Blank = No Option	Blank = None /E = Battery Backup

<sup>1</sup> \*Available only for 4' and 8'