



| Project:     | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info | •                | LED Info       |               |
|-------------|------------------|----------------|---------------|
| Type        | Constant Current | Watts          | 36W           |
| 120V        | 0.31A            | Color Temp     | 3500K (Warm   |
| 208V        | 0.18A            |                | Neutral)      |
| 240V        | 0.15A            | Color Accuracy | 83 CRI        |
| 277V        | 0.14A            | L70 Lifespan   | 100,000 Hours |
| Input Watts | 36.7W            | Lumens         | 4,802 lm      |
|             |                  | Efficacy       | 130.8 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 IESNAIm-79 and Im-80

### **Electrical**

# Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz., 2KV surge protection, 120V: 0.31A, 208V: 0.18A, 240V: 0.15A, 277V: 0.14A

# **Dimming Driver:**

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

#### THD:

7.44% at 120V6.11% at 277V

# **Power Factor:**

99.6% at 120V, 97.4% at 277V

### **Battery Backup:**

Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V. Illuminated push to test switch available to test battery backup functionality.

#### **LED Characteristics**

#### I FDs:

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

#### **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.

### **Performance**

# Lifespan:

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

### Wattage Equivalency:

Equivalent to (2) F32T8

# Construction

# Maximum Ambient Temperature:

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

### Housing:

Die-formed, 20 gauge, cold-rolled, post-painted steel (white)

#### Lens

Soft-glow acrylic lens reduces glare and has smooth and even light distribution

#### Reflector:

High-reflectance white steel

#### Mounting

Surface mount, ceiling or wall. Knockouts on sides and back.

#### Finish:

Formulated for high durability and long-lasting color

# Green Technology:

Mercury and UV free. RoHS-compliant components.

# Other

### Warranty:

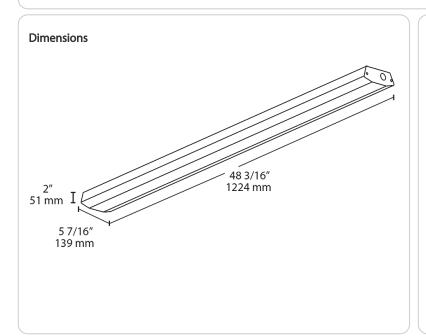
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions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



# **Technical Specifications (continued)**

# **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.



### **Features**

Diffused lens for smooth light distribution

0-10V dimming driver, standard

100,000-Hour LED lifespan

5-Year, No-Compromise Warranty

# **Ordering Matrix**

| J   |      |                 |  |         |         |
|---|------|-----------------|--|---------|---------|
| Family  | Size | Wattage         | Color Temp   | Dimming | Options |
| TSLED   | 4 -  | - 36            | YN   | /D10    | /E2     |
| <b>4</b> = 4 ft <b>28</b> = 28W <b>Blank</b> = 5000K Cool <b>/D10</b> = Dir<br><b>2</b> = 2 ft <b>36</b> = 36W <b>N</b> = 4000K Neutral<br><b>YN</b> = 3500K Warm Neutral |      | /D10 = Dimmable | Blank = No Option  /LC = Lightcloud® Controller 1  /US = Ultrasonic Sensor  /US/BL = Ultrasonic Sensor & Bi-Level Operation  /E2 = Battery Backup  /US/E2 = Ultrasonic Sensor & Battery Backup  /US/BL/E2 = Ultrasonic Sensor, Bi-Level Operation & Battery Backup |         |         |

<sup>&</sup>lt;sup>1</sup> Only available as a stand-alone option. May not be combined with sensor, bi-level or emergency options.