

<b>Project:</b>	<b>Type:</b>	<b>Prepared By:</b>	<b>Date:</b>
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### Features and Benefits

- Replace traditional 18W/32W fluorescent linear tubes
- Built-in lithium batteries for emergency lighting
- Reduces maintenance and replacement costs with longer lifespan
- Provides 90 minutes of light at 400 lumens under emergency use
- 50,000-hour LED lifespan
- Rated for use in enclosed fixtures in dry or damp locations
- 5-Year, No-Compromise Warranty

### Technical Specifications

<p><b>Performance</b></p> <p><b>Description:</b> Designed and engineered as an all-in-one general purpose lighting and battery powered emergency backup LED solution.</p> <p><b>Product Type:</b> Linear Tube</p> <p><b>Wattage Equivalency:</b> 32W T8 Fluorescent</p> <p><b>Input Wattage:</b> 17W</p> <p><b>Lumens (Nominal):</b> 2,045lm</p> <p><b>Efficacy:</b> 124 lm/W</p>	<p><b>L70 Lifespan:</b> 50,000-Hour LED lifespan based on IES LM-70 results</p> <p><b>Electrical</b></p> <p><b>Dimmable:</b> Yes</p> <p><b>Dimming Type:</b> TRIAC/ELV @ 120V</p> <p><b>Input Voltage:</b> 120-277V</p> <p><b>Operating Frequency:</b> 50/60Hz</p> <p><b>Operating Temperature:</b> 32°F to 104°F (0°C to 40°C)</p>	<p><b>Battery Operation:</b> 90 minutes</p> <p><b>Light Output on Battery:</b> 400 lm; 3W</p> <p><b>Battery Type:</b> Lithium</p> <p><b>Recharge Time Required:</b> 24-hours</p> <p><b>Discharge Temperature:</b> -4°F to 140°F (-20°C to 60°C)</p>
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## Technical Specifications (continued)

### LED Characteristics

**Color Temperature:**

3500K

**Color Accuracy (CRI):**

≥80 CRI

**R9 Value:**

High color performance with R9 less than or equal to 4

**Color Consistency:**

<5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**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

**Installation Method:**

UL Type B, Ballast Bypass

### Construction

**Base Type:**

G13

**Beam Angle:**

140°

**Nominal Length:**

4 FT

**Bulb Shape:**

T10

**Endcap Material:**

Polycarbonate and copper

**Enclosure Material:**

Polycarbonate and Aluminum

**Lens Finish:**

Frosted

### Compliance

**Safety Listing:**

UL Classified, UL Recognized

**Environment:**

Suitable for use in dry and damp environments

**Fixture Rating:**

Enclosed

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

**NSF Listed:**

NSF/ANSI Standard 2 - Food Equipment (noncontact), Splash Zone, and Non-Food Zone. (Not for Direct Food Zone without additional fixture considerations)

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

Complies with Part 15 of the FCC Rules

**DLC Model Number:**

T10358(T10EM-17-48P-835-SE-BYP)

**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-YVNFKH

### Other

**Accessories:**

[T10EM-ACC KIT](#) Test switch kit with lampholders

**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).

**Note:**

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

## Minimum Compartment Size

Length x Width x Height [in]	Lamp Quantity
47.64 x 24 x 2	1

## Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	25	48.82	6.3	7.48
PALLET	750	48.8	37.8	43.3

## Dimension

