

Project:	Type:	Prepared By:	Date:
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Features and Benefits

- Replace traditional fluorescent linear tubes
- Built-in lithium batteries for emergency lighting
- Provides 90 minutes of light at 400 lumens under emergency use
- Reduces maintenance and replacement costs with longer lifespan
- Includes tombstones and test button

Technical Specifications		
<p>Performance</p> <p>Product Type: T10 Linear Emergency</p> <p>Wattage Equivalency: 24W Fluorescent</p> <p>Input Wattage: 12/10.5/9W; 9W default</p>	<p>Lumens (Nominal):</p> <p>9W: 1125lm @ 3000K; 1200lm @ 3500K; 1230lm @ 4000K; 1230lm @ 5000K; 1200lm @ 6500K</p> <p>10.5W: 1300lm @ 3000K; 1350lm @ 3500K; 1400lm @ 4000K; 1400lm @ 5000K; 1350lm @ 6500K</p> <p>12W: 1500lm @ 3000K; 1560lm @ 3500K; 1620lm @ 4000K; 1620lm @ 5000K; 1560lm @ 6500K</p> <p>Efficacy:</p> <p>9W: 125lm/W @ 3000K; 133lm/W @ 3500K; 137lm/W @ 4000K; 137lm/W @ 5000K; 133lm/W @ 6500K</p> <p>10.5W: 124lm/W @ 3000K; 129lm/W @ 3500K; 133lm/W @ 4000K; 133lm/W @ 5000K; 129lm/W @ 6500K</p>	<p>L70 Lifespan: 50,000-Hour LED lifespan based on IES LM-70 results</p> <p>Description</p> <p>Description : UL 924-certified Type B T8 tube with field-adjustable power and color temperature. Ideal for general purpose lighting and as a battery-powered backup LED solution.</p> <p>Electrical</p> <p>Driver: Constant Current 120-277V 50/60 Hz; 120V: 100mA; 208V: 58mA; 240V: 50mA; 277V: 43mA</p> <p>THD: <20%</p> <p>Power Factor: 0.9</p> <p>Dimmable: Yes, dimmable down to 10% on compatible TRIAC/ELV dimming systems. See Dimmer Compatibility List.</p>

12W: 125lm/W @ 3000K; 130lm/W @ 3500K;
135lm/W @ 4000K; 135lm/W @ 5000K; 130lm/W @
6500K

Technical Specifications (continued)

Operating Temperature:

-4°F to 113°F (-20 to 45°C)

Flicker:

50%

Emergency Fixture Use:

Yes, meets UL924

Emergency Test Button:

Included as accessory

Battery Type:

Lithium

Emergency Operation:

90 minutes

Emergency Lumens:

500lm @ 4000K

LED Characteristics

Beam Angle:

140°

Color Temperature:

Default: 4000K

Field adjustable via dip switch
3000/3500/4000/5000/6500K

Color Accuracy (CRI):

≥80 CRI

R9 Value:

High color performance with R9 greater than 0

Color Consistency:

<7-step (3500/4000/5000K); <5-step (3000/6500K)
MacAdam Ellipse binning to achieve consistent
fixture-to-fixture color

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.

Installation

Installation Method:

UL Type B, Ballast Bypass

Base Type:

G13

Construction

Length:

3 ft

Shape:

T10 Linear

Finish:

White

Endcap Material:

Copper

Enclosure Material:

Constructed from frosted, shatter-resistant
polycarbonate

Lens Finish:

Frosted

Compliance

Listings:

UL Recognized, UL Classified

Environment:

Suitable for use indoors in dry and damp
environments.

Fixture Rating:

Suitable for use in enclosed fixtures

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 to confirm the qualification
status of a specific SKU prior to specification or
purchase.

Certification Model Number:

T10308(T10EM-36)

California Title 20 Compliant:

No

California Title 24 JA8 Compliant:

No

California Energy Commission (CEC) Status:

Lawful for Sales in California

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.

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15 of the FCC Rules

Other

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.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	10	41.34	7.28	2.95
PALLET	840	47.24	39.37	46.46

Dimension

