

Project:	Type:	Prepared By:	Date:
-----------------	--------------	---------------------	--------------



Features and Benefits

- Field-adjustable power and color temperature
- Replacement for conventional fluorescent T8 and T12 linear tubes
- Integral driver enables lamp to be wired directly to line voltage without need for an external driver or ballast
- Interchangeable base type R17D or FA8
- Double-ended wiring method

Technical Specifications		
<p>Performance</p> <p>Product Type: Linear Tube</p> <p>Description: Field-adjustable power and color temperature double ended type B tubes with interchangeable base type.</p> <p>Wattage Equivalency: 59/86/96W Fluorescent</p> <p>Input Wattage: 24/32/40W</p> <p>Lumens: 3500/4400/5500lm</p> <p>L70 Lifespan: 50,000-Hour LED lifespan based on IES LM-70 results</p> <p>Other</p> <p>Efficacy: 146/138/138lm/W</p>	<p>Compatible Accessories: Compatible with super EM</p> <p>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.</p> <p>Electrical</p> <p>THD: ≤25%</p> <p>Power Factor: >0.9</p> <p>Dimmable: Yes, but not recommended for dimming applications.</p> <p>Input Voltage: 120-277V</p> <p>Operating Frequency: 50/60Hz</p>	<p>Input Current @ 120V (mA): 200/278/353mA</p> <p>Input Current @ 208V (mA): 120/160/200mA</p> <p>Input Current @ 240V (mA): 105/140/175mA</p> <p>Input Current @ 277V (mA): 94/120/148mA</p> <p>Operating Temperature: -4°F to 113°F (-20°C to 45°C)</p> <p>LED Characteristics</p> <p>Beam Angle: 210°</p> <p>Color Temperature: Field adjustable via dip switch 3000/3500/4000/5000/6500K</p> <p>Color Accuracy (CRI): 82 CRI</p>

Technical Specifications (continued)**R9 Value:**

High color performance with R9 greater than 0

Color Consistency:

<7-step 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:

Interchangeable base: FA8 or R17D

Construction**Length:**

8 ft

Shape:

T8

Finish:

White

Endcap Material:

Plastic

Enclosure Material:

Glass

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

Certification Model Number:

T10277(T8-96G-DE-BYP)

California Title 20 Compliant:

No

California Title 24 JA8 Compliant:

No

California Energy Commission (CEC) Status:

Lawful for Sales in California

NSF Listed:

Meets NSF/ANSI standards for use in Food Zone (non-contact), Splash, and Non-Food Zones. Tube guard required in open fixtures.

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15 of the FCC Rules

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.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	10	95.75	7.44	3.74
PALLET	1000	96.06	39.37	81.89

Dimension

