RTLED1X4-29YW/D10/LC

RAB



 Project:
 Type:

 Prepared By:
 Date:

 Driver Info
 LED Info

 Type
 Constant Current
 Watts
 29W

Cost-effective LED 1x4 troffer upgrade that's easily installed. Includes built-in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

olor: White

Technical Specifications

Lightcloud

Lightcloud Controller Installed:

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel. Learn more at www.lightcloud.com

Compliance

UL Listed:

Suitable for damp locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNAIm-79 andIm-80

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.24A, 0.15A, 0.13A, 0.11A

THD: 10.8% at 120V, 11.4% at 277V

Power Factor: 99.3% at 120V, 92.8% at 277V

Surge Protection: 4kV

Construction

Housing: Steel sheet metal

Ambient Temperature:

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

Reflector:

High-reflectance, powder-coated finish, optimized for uniform light distribution

Lens:

Polycarbonate lens

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation Mounting:

Recessed ceiling

LED Characteristics

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

Color Stability:

120V

208V

240V

277V

0.24A

0.15A

0.13A

0.11A

Input Watts 28.6W

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Temp

L70 Lifespan

Lumens

Efficacy

Color Accuracy 84 CRI

3000K (Warm)

100,000 Hours

3,706 lm

129.6 lm/W

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 (1) F17T8 or (1) F14T5

Other

Warranty:

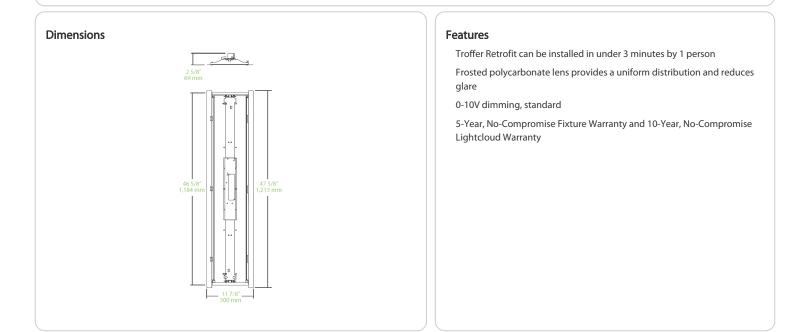
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions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

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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.



Ordering Matrix

Family	Size		Wattage	Color Temp	Finish	CRI	Dimming Driver	Options
RTLED	1X4	-	29	Y	W		/D10	/LC
	2X2 = 2'x2' 2X4 = 2'x4' 1X4 = 1'x4'		19 = 19W (2x2, 1x4) 29 = 29W (2x2, 1x4) 39 = 39W (2x4) 49 = 49W (2x4)	Y = 3000K Warm YN = 3500K Warm Neutral N = 4000K Neutral Blank = 5000K Cool	W = White	Blank = 80 CRI /HC = 90 CRI (4000K only) ¹	/D10 = 0-10V Dimming	Blank = No Options /LC = Lightcloud /E2 = Battery Backup /MVS = Microwave Occupancy Sensor /MVS/E2 = Microwave Occupancy Sensor w/Battery Backup
¹ 4000K only								

DAR