# RTLED2X4-39W/D10/LC

# RAB



Cost-effective LED 2x4 troffer upgrade that's easily installed. Includes built-in support for
Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: 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 about Lightcloud.

#### Compliance

UL Listed: Suitable for damp locations

#### Electrical

#### **Driver:** Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.33A, 0.20A, 0.17A, 0.15A

**THD:** 7.9% at 120V, 9.5% at 277V

# **Power Factor:** 99.4% at 120V, 93.5% 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

#### Mounting: Recessed ceiling

Lens: Polycarbonate lens

#### Finish:

Formulated for high durability and long-lasting color

Green Technology: Mercury and UV free. RoHS-compliant components.

### Other

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

#### Warranty:

**Constant Current** 

0.33A

0.20A

0.17A

0.15A

Input Watts 39.6W

**Project:** 

**Prepared By:** 

**Driver Info** 

Type 120V

208V

240V

277V

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>.

Type:

Date:

LED Info

Color Temp

L70 Lifespan

Lumens

Efficacy

Color Accuracy 85 CRI

39W

5000K (Cool)

100,000 Hours

5,332 lm

134.6 lm/W

Watts

#### **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.

#### **LED Characteristics**

#### LEDs:

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.

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# **Technical Specifications (continued)**

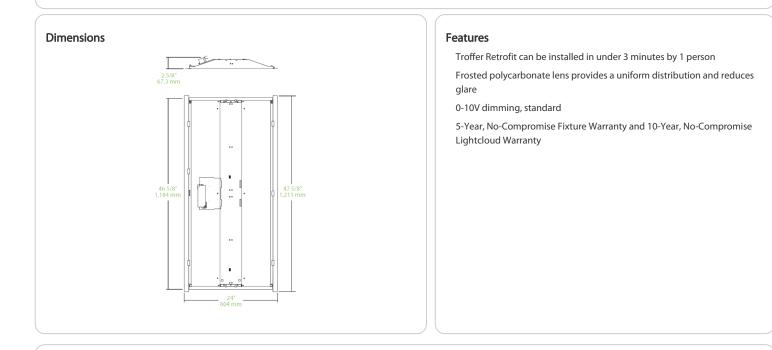
### Performance

Lifespan:

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

### Wattage Equivalency:

Equivalent to (2) F32T8 or (2) F28T5



#### **Ordering Matrix**

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