RTLED2X2-19YW/D10/LC

RAB

Cost-effective LED 2x2 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   Weight: 12.3 lbs

Driver Info

Type	Constant Current
120V	0.16A
208V	0.10A
240V	0.09A
277V	0.08A
Input Watts	19.4W

LED Info

Watts	19W
Color Temp	3000K (Warm)
Color Accuracy	84 CRI
L70 Lifespan	100,000 Hours
Lumens	2,377 lm
Efficacy	122.5 lm/W

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 IESNAlm-79 andlm-80

Electrical

Driver:
Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.16A, 0.10A, 0.09A, 0.08A

THD:
9.9% at 120V, 13.9% at 277V

Power Factor:
98.9% at 120V, 89.7% 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:
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.

Performance

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

Wattage Equivalency:
Equivalent to (2) F17T8 or (2) F24T5
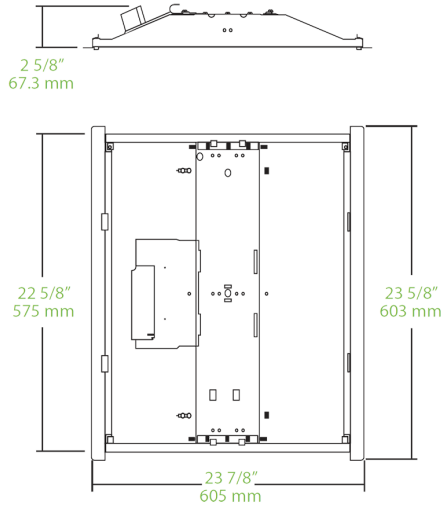
Other

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 rablighting.com/warranty.

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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.

Dimensions

2 5/8"
67.3 mm

22 5/8"
575 mm

23 5/8"
603 mm

23 7/8"
605 mm

Features

Troffer Retrofit can be installed in under 3 minutes by 1 person

Frosted polycarbonate lens provides a uniform distribution and reduces glare

0-10V dimming, standard

5-Year, No-Compromise Fixture Warranty and 10-Year, No-Compromise Lightcloud Warranty

Ordering Matrix

Family	Size		Wattage	Color Temp	Finish	CRI	Dimming Driver	Options
RTLED	2X2	–	19	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*

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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