

Project:	Туре:
Prepared By:	Date:

Driver Info)	LED Info		
Type	Constant Current	Watts	49W	
120V	0.41A	Color Temp	3000K (Warm)	
208V	0.24A	Color Accuracy	84 CRI	
240V	0.21A	L70 Lifespan	100,000 Hours	
277V	0.18A	Lumens	6,399 lm	
Input Watts	49.1W	Efficacy	130.3 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 IESNAIm-79 and Im-80

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.41A, 0.24A, 0.21A, 0.18A

THD:

8.1% at 120V, 8.5% at 277V

Power Factor:

99.4% at 120V, 95.5% 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

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 (3) F32T8 or (3) F28T5

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.

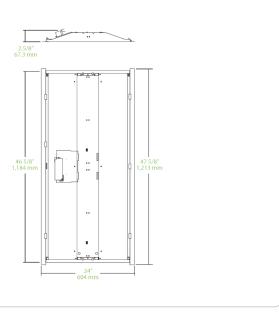


Technical Specifications (continued)

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



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	2X4	-	49	Υ	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 or	nlv		Sensor w/Battery Backup