

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	49W
120V	0.41A	Color Temp	3500K (Warm Neutral)
208V	0.24A	Color Accuracy	84 CRI
240V	0.21A	L70 Lifespan	100,000 Hours
277V	0.18A	Lumens	6,611 lm
Input Watts	48.9W	Efficacy	135.2 lm/W

Technical Specifications			
Compliance		Reflector:	
UL Listed: Suitable for damp locations		High-reflectance, powder-coated finish, optimized for uniform light distribution	
Electrical		Mounting:	
Driver: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.41A, 0.24A, 0.21A, 0.18A		Recessed ceiling	
THD: 8.2% at 120V, 9.3% at 277V		Lens: Polycarbonate lens	
Power Factor: 99.4% at 120V, 95.1% at 277V		Finish: Formulated for high durability and long-lasting color	
Battery Backup: Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120.		Green Technology: Mercury and UV free. RoHS-compliant components.	
Surge Protection: 4kV		Other	
Construction		Note: All values are typical (tolerance +/- 10%)	
Housing: Steel sheet metal		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 .	
Ambient Temperature: Suitable for use in up to 40°C (104°F)		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 warranted 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			

Technical Specifications (continued)

Sensor Specifications

Capacitance Load:

400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

Operating Temperature:

-20°C to +60°C (-4°F to +140°F)

Relay:

Zero-cross relay

Maximum Mounting Height:

16.4 feet

Customizable Detection Area:

10, 50, 75 or 100%

Time Delay:

5s, 30s, 1min, 5min, 10min, 20min, 30min

Cut Off Period:

0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

Cut-Off Dimming level:

10, 20, 30, 50%

Cut-Off Power:

Less than 1W

Daylight Threshold:

About .2-5 fc for disabled

Sensor Principle:

High Frequency

Microwave Frequency:

5.8GHz +/- 75MHz

Microwave Power:

<0.2mW

Max Detection Range:

26 ft diameter at 16 ft mounting height

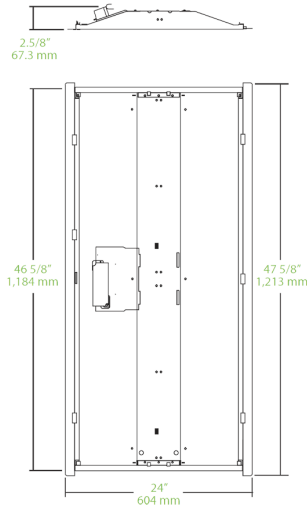
Detection Angle:

About 30 to 150 degrees

Remote Control Accessory:

Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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 Warranty

Ordering Matrix

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

¹ 4000K only