RTLED1X4-19NW/D10/MVS

Cost-effective LED 1x4 troffer upgrade that's easily installed.

Color: White Weight: 12.3 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type:	Constant Current
120V:	0.16A
208V:	0.10A
240V:	0.09A
277V:	0.08A
Input Watts:	19W
Efficiency:	N/A

LED Info

Watts:	19W
Color Temp:	4000K
Color Accuracy:	84 CRI
L70 Lifespan:	60000
Lumens:	2701
Efficacy:	142 LPW

Technical Specifications

Listings

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 IESNA LM-79 and LM-80

Electrical

Driver:

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

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

THD:

13.9% at 120V, 13% at 277V

Power Factor:

98.3% at 120V, 88.9% at 277V

Surge Protection:

4kV

Construction

Housing:

Steel sheet metal

Ambient Temperature:

Suitable for 40°C (104°F) ambient temperatures

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. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals.

LED Characteristics

Note:

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

LEDs:

Long-life, high-efficacy surface mount LEDs

Lifespan:

60,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Color Stability:

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

Color Uniformity:

RAB's range of CCT (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.

Sensor Specifications

Capacitance Load:

400W at 120V, 800W at 230V, 1000W at 277V

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

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Technical Specifications (continued)

Sensor Specifications

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

Detection Range Max:

52.5 feet across, 32.8 feet high

Detection Angle:

About 30 to 150 degrees

Remote Control:

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

Other

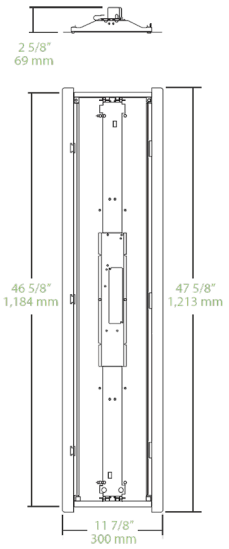
Warranty:

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.

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 Warranty

Ordering Matrix

Family	Size	Wattage	Color Temp	Finish	CRI	Dimming Driver	Options	Bulk Qty
RTLED	1X4	19	N	W		/D10	/MVS	
	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)	**/D10** = 0-10V Dimming	**Blank** = No Options **/LC** = Lightcloud® Controller **/E2** = Battery Backup **/MVS** = Microwave Sensor **/MVS/E2** = Microwave Sensor and Battery Backup	**Blank** = Individual **BULK** = Comes in qty 6 (not available with options)

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