



Cost-effective LED 2x4 troffer upgrade that's easily installed.

Color: White

Weight: 22.6 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.41A
208V	0.24A
240V	0.21A
277V	0.18A
Input Watts	48.90W
Efficiency	N/A

LED Info

Watts	49.00W
Color Temp	3500K (Warm Neutral)
Color Accuracy	84 CRI
L70 Lifespan	100,000
Lumens	6,611
Efficacy	135.2 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

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. DLC Product Code: PJT1712Q

Electrical

Driver:

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

THD:

8.2% at 120V, 9.3% at 277V

Power Factor:

99.4% at 120V, 95.1% at 277V

Surge Protection:

4kV

Note:

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

Construction

Housing:

Steel sheet metal

Ambient Temperature:

Suitable for 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.

LED Characteristics

LEDs:

Long-life, high-efficacy surface-mount LEDs

Lifespan:

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

Color Stability:

LED color temperature is warranted 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.

Technical Specifications (continued)

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.

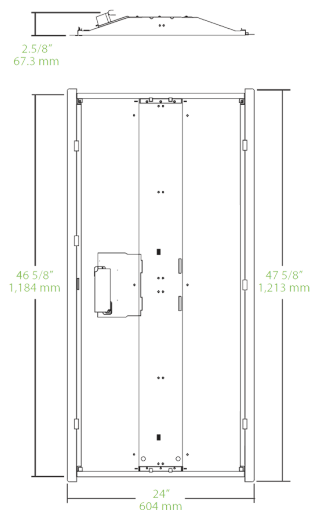
Equivalency :

Equivalent to (3) F32T8 or (3) F28T5

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

¹ 4000K only