



LED performance in an economical 2x4 troffer.

Color: White

Weight: 9.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	50W
120V	0.42A	Color Temp	3500K (Warm Neutral)
208V	0.24A	Color Accuracy	81 CRI
240V	0.21A	L70 Lifespan	50,000 Hours
277V	0.18A	Lumens	5,666 lm
Input Watts	48.8W	Efficacy	116.3

Technical Specifications

Compliance

UL Listed:

Suitable for damp locations

CCEA Compliant:

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-486GVL

Construction

IC Rated:

Suitable for direct contact with insulation

Operating Temperature:

-20°C (-4°F) to 40°C (104°F)

Lens:

Frosted polystyrene

Housing:

Plastic frame & galvanized steel back housing

Finish:

White

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics

LEDs:

Long-life, high-efficiency, surface-mount LEDs

Performance

Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 2kV surge protection, 120V: 0.42A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A

THD:

11.13% at 120V, 5.8% at 277V

Power Factor:

99.1% at 120V, 98.5% at 277V

Dimming:

0-10V, standard down to 10%

Installation

Mounting:

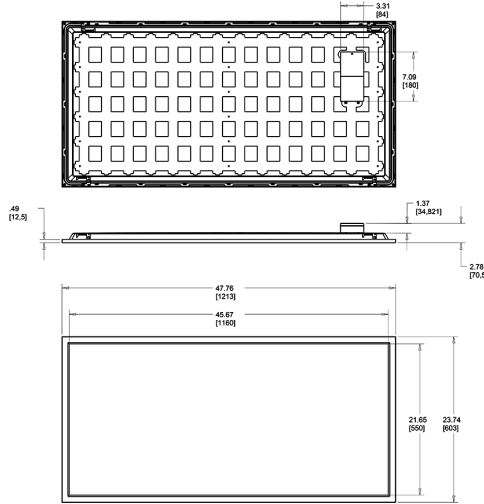
Recessed into T-grid ceiling. Surface and recessed mounting kits available for drywall ceilings.

Other

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- Integrated 0-10V dimming
- 50,000-Hour LED lifespan
- 5-Year, limited warranty
- 2 per case, must order in case quantity increments

Ordering Matrix

Family	Housing Size	Wattage	Color Temp	Driver	Lightcloud		
T34	-	2X4	-	50	YN	/D10	
	2X2 = 2' X 2'	20 = 20W ¹	Blank = 5000K	/D10 = 0-10V Dimming	Blank = No Options		
	2X4 = 2' X 4'	30 = 30W	N = 4000K		/LC = Lightcloud		
		40 = 40W	YN = 3500K				
		50 = 50W ²					

Must order in case quantity increments. See product spec sheet for exact increments.

¹ Available only in 2' x 2' only.

² Available in 2' x 4' only.