

T3V

1X4 LED Troffer

Product Description

Offering a quick and easy one-for-one replacement for inefficient fluorescent troffers, the T3V LED Troffer features a maintenance-free sealed chamber and a superior diffuser that allows for optimal lumen output without revealing hot spots. The soft natural illumination is pleasing to the eye offering a comfortable aesthetic along with high uniformity, improved efficiency, and reduced glare. Available in 1' x 4', 2' x 2', and 2' x 4' dimensions, the T3V LED troffers fit easily into standard ceiling grids, making installation a breeze in new construction or retrofit projects alike.

Construction

Durable steel construction with powder coat finish
High efficiency fully sealed, maintenance-free LED chamber
Smooth formed sides for safe handling

Optical System

Precision engineered microprismatic polystyrene diffuser
No visible diodes, hot spots, or shadows providing high uniformity, and reduced glare

Electrical

Long-life LED system coupled with electrical driver to deliver optimal performance with lumens per watt ranging from 93 to 109 depending of fixture size + CCT
Utilizes high performing CREE® LEDs
Driver delivers full-range dimming from 0 - 10VDC
Operating temperature rating of -10°F to 120°F (-23°C to 49°C)
Input voltage of 120-277VAC

Finish

Integrated trim in white with powder coat finish

Installation

Can be installed in conventional suspended grid ceiling or drywall with an optional adaptor
Mounting holes provided for hanging wire
IC rated for direct contact with insulation

Warranty

5-year limited system warranty standard
L70 rated for >50,000 life hours
TM-21 Projected L70(6k) life = 181,000 hours
LM-79, LM-80 testing performed in accordance with IESNA standards.

PRODUCT INFORMATION

LED Type:	Cree ML-E2
LED Lifetime (Hrs):	>50,000
Input Voltage (V):	120-277VAC
Lumens (lm):	3532
Efficacy (lm/W):	93.3
Power Draw (W)	38
Fixture Length:	47.7in (1211mm)
Fixture Height:	4.7in (119mm)
Fixture Width:	11.7in (297mm)

Ordering Information

Example: T3V-14-MV-40-EM

Series	Size	Voltage	CCT's	Options
T3V	14 (1' x 4')	MV (120-277V)	35 (3500 K)	EM (Emergency Battery Backup)
			40 (4000 K)	
			50 (5000 K)***	

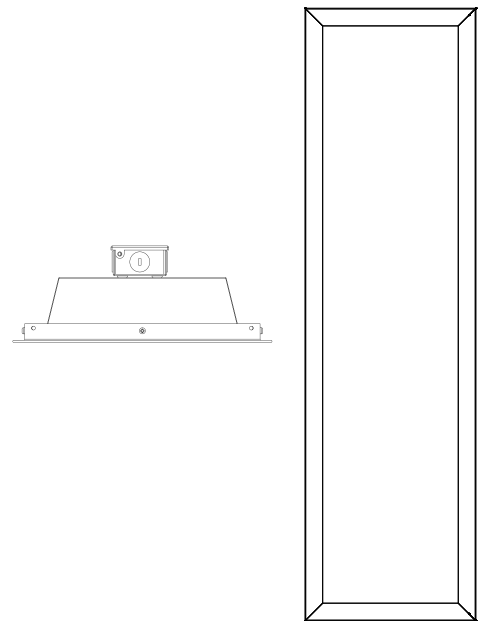
***consult factory for availability

Specifications and dimensions subject to change without notice.

Project

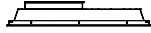
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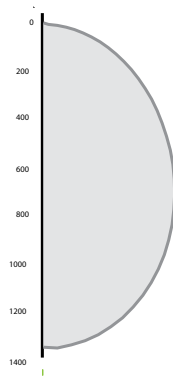


Photometric Data

T3V 1x4 3500K



Luminaire	3500K
Input Voltage (VAC)	120
System Level Power (W)	38
Delivered Lumens (Lm)	3369
System Efficacy (Lm/W)	89.6
Correlated Color Temp (K)	3570
Color Rendering Index (CRI)	81.7



Zonal Lumen Summary**

Zone	Lumens	% of Luminaire
0-30	1007	29.88%
0-40	1605	47.65%
0-60	2699	80.12%
0-90	3369	100.00%
90-180	0	0.00%
0-180	3369	100.00%

*Integrating sphere data

**Type C Goniophotometer data