

T3C

2x2 LED Troffer

Product Description

Offering a quick and easy one-for-one replacement for inefficient fluorescent troffers, the NICOR T3C 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 T3C 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 textured 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 95+ lumens per watt depending on fixture size and CCT
Driver delivers full-range dimming from 0 - 10VDC
Operating temperature rating of 0°F to 100°F (-18°C to 38°C)
Input voltage of 120-277VAC

Mounting and installation

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

Finish

Integrated trim in white with powder coat finish

Options

Drywall adaptor/flange kit available for 1x4, 2x2, and, 2x4 fixtures

Warranty

5-year limited system warranty standard
Reported lifetime >36,000 hours
TM-21 Projected L70(6k) life >60,000 hours
LM-79, LM-80 testing performed in accordance with IESNA standards.

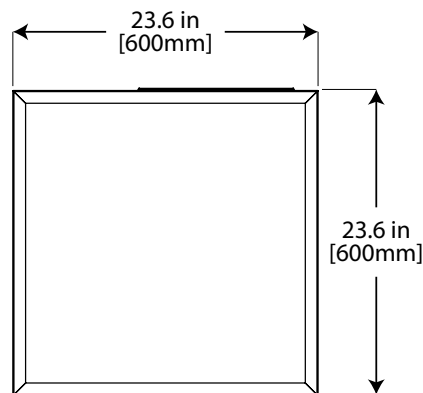
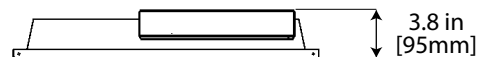
PRODUCT INFORMATION

LED Lifetime Projected (Hrs):	60,000
Input Voltage (V):	120-277V
Fixture Dimensions (w/ driver mounted) (LxWxH)	23.6 in x 23.6 in x 3.8 in

Project

Catalog

Type



Ordering Information

Example: T3C-22-MV-40

Series	Size	Voltage	CCT's
T3C	22 (2' x 2')	MV (120-277V)	35 (3500 K)
			40 (4000 K)
			50 (5000 K)

Specifications and dimensions subject to change without notice.

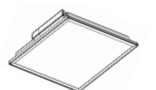
Photometric Data - Type C Goniophotometer

3500K T3C 3500lm

Luminaire	3500K
Input Voltage (VAC)	120-270
System Level Power (W)	38
Delivered Lumens (Lm)	3755
System Efficacy (Lm/W)	99
Correlated Color Temp (K)	3380
Color Rendering Index (CRI)	82

Zonal Lumen Summary**

Zone	Lumens	% of Luminaire
0-30	1089	29%
0-40	1765	47%
0-60	2966	79%
0-90	3755	100%
90-180	0	0%
0-180	3755	100%



4000K T3C 4000lm

Luminaire	4000K
Input Voltage (VAC)	120-270
System Level Power (W)	38
Delivered Lumens (Lm)	3860
System Efficacy (Lm/W)	102
Correlated Color Temp (K)	3985
Color Rendering Index (CRI)	82

Zonal Lumen Summary**

Zone	Lumens	% of Luminaire
0-30	1081	28%
0-40	1737	45%
0-60	3011	78%
0-90	3860	100%
90-180	0	0%
0-180	3860	100%

