T3A

2x4 Architectural LED Troffer

Project

Catalog

Type

Date

Product Description

The T3A Architectural LED Troffer provides an economical, easy-to-install upgrade from linear fluorescent lighting to a long-lasting and energy-efficient LED solution. The contemporary center lens design delivers a soft natural glow with even illumination and minimized glare making it an attractive general-purpose ambient lighting solution. The T3A also features a premounted driver with a high efficiency, maintenance-free, LED chamber and is available in 1x4, 2x2 or 2x4 configurations. Whether it's a school, hospital, airport, office or convenience store, NICOR LED troffers bring a stylish and economical lighting solution to all commercial, educational, medical, and retail applications.

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

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

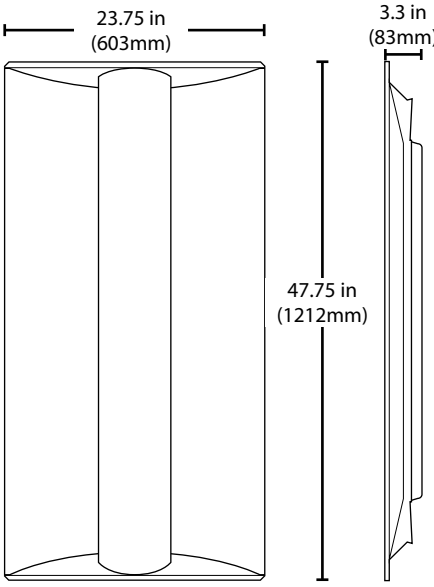
Electrical
- Greater than 90 CRI (not available in 5000K)
- Color tolerance tighter than the 3-step MacAdam ellipse for consistent color performance
- Long-life LED system coupled with electrical driver to deliver optimal performance with 90+ lumens per watt depending on fixture size and CCT
- Driver 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
- Features an integral driver for easy installation
- Can be installed in conventional suspended grid ceiling
- Mounting holes provided for seismic wire
- Certified for direct contact with insulation

Finish
- Matte white powder coat finish

Options
- Drywall adaptor/flange kit available for 1x4, 2x2, and, 2x4 fixtures
- Surface Mount Kit converts T3A Series troffers into surface mount luminaires
- Emergency Battery Backup Driver available for all sizes

Warranty
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge.) For installations where power surge may be possible, NICOR recommends installing additional surge protection at the fixture or electrical distribution panel
- TM-21 Projected L70(6k) life >76,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards.



PRODUCT INFORMATION

LED Lifetime Projected:	76,000 Hours
Input Voltage:	120-277V
Power Draw:	49W
Fixture Dimensions:	23.75 in x 47.7 in x 3.3 in (LxWxH)

DLC LISTED · c UL us LISTED · DAMP LOCATION RATED · 5 YEAR WARRANTY

Ordering Information

Example: T3A-24-S-MV-40-EM

Series	Size	Style	Voltage	CCT's	EM
T3A	**24** (2' x 4')	**S**	**MV** (120-277V)	☐ **35** (3500 K)	**EM** (Emergency Battery)
				☐ **40** (4000 K)	
				☐ **50** (5000 K)	

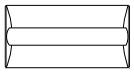
Specifications and dimensions subject to change without notice.

NICOR, Inc. 2200 Midtown Place NE, Albuquerque, NM 87107 P: 800.821.6283 F: 800.892.8393
www.nicorlighting.com February 22, 2018 10:12 AM rev 1.0

NICOR® LED

Photometric Data - *Type C Goniophotometer*

3500K T3A 2x4

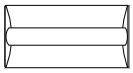


Luminaire	3500K
Input Voltage (VAC)	120-277
System Level Power (W)	49
Delivered Lumens (Lm)	4602
System Efficacy (Lm/W)	93
Correlated Color Temp (K)	3426
Color Rendering Index (CRI)	96

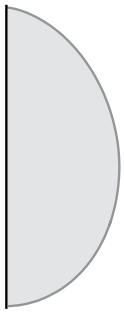
Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1380	29%
0-40	1934	43%
0-60	3056	75%
0-90	4602	100%
90-180	0	0%
0-180	4602	100%

4000K T3A 2x4



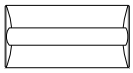
Luminaire	4000K
Input Voltage (VAC)	120-277
System Level Power (W)	49
Delivered Lumens (Lm)	4650
System Efficacy (Lm/W)	95
Correlated Color Temp (K)	3943
Color Rendering Index (CRI)	95



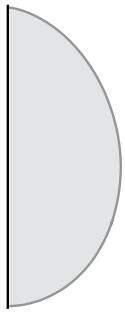
Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1395	29%
0-40	1999	43%
0-60	3478	75%
0-90	4650	100%
90-180	0	0%
0-180	4650	100%

5000K T3A 2x4



Luminaire	5000K
Input Voltage (VAC)	120-277
System Level Power (W)	49
Delivered Lumens (Lm)	4836
System Efficacy (Lm/W)	99
Correlated Color Temp (K)	4984
Color Rendering Index (CRI)	82



Zonal Lumen Summary

Zone	Lumens	% of Luminaire
0-30	1402	29%
0-40	2079	43%
0-60	3627	75%
0-90	4836	100%
90-180	0	0%
0-180	4836	100%

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.