

NICOR[®] | **LED**

LED Troffers

T4C



Value and Performance that Exceed Expectations

T4C

LED Troffer

The contractor friendly T4C LED Troffers feature a pre-mounted driver, making installation easier than ever before. A maintenance-free, fully sealed chamber keeps out bugs and dust. The precision-engineered textured diffuser allows for optimal uniformity, without revealing hot spots or shadowing, while maintaining overall lumen output. Available in 1'x4', 2'x2', and 2'x4' dimensions, the T4C LED Troffers fit easily into standard ceiling grids, making them ideal for installation in both new construction and retrofit projects alike.

Safe Handling

Smooth formed sides for safe handling.

Pre-mounted Driver

Features a pre-mounted driver for contractor friendly installation.

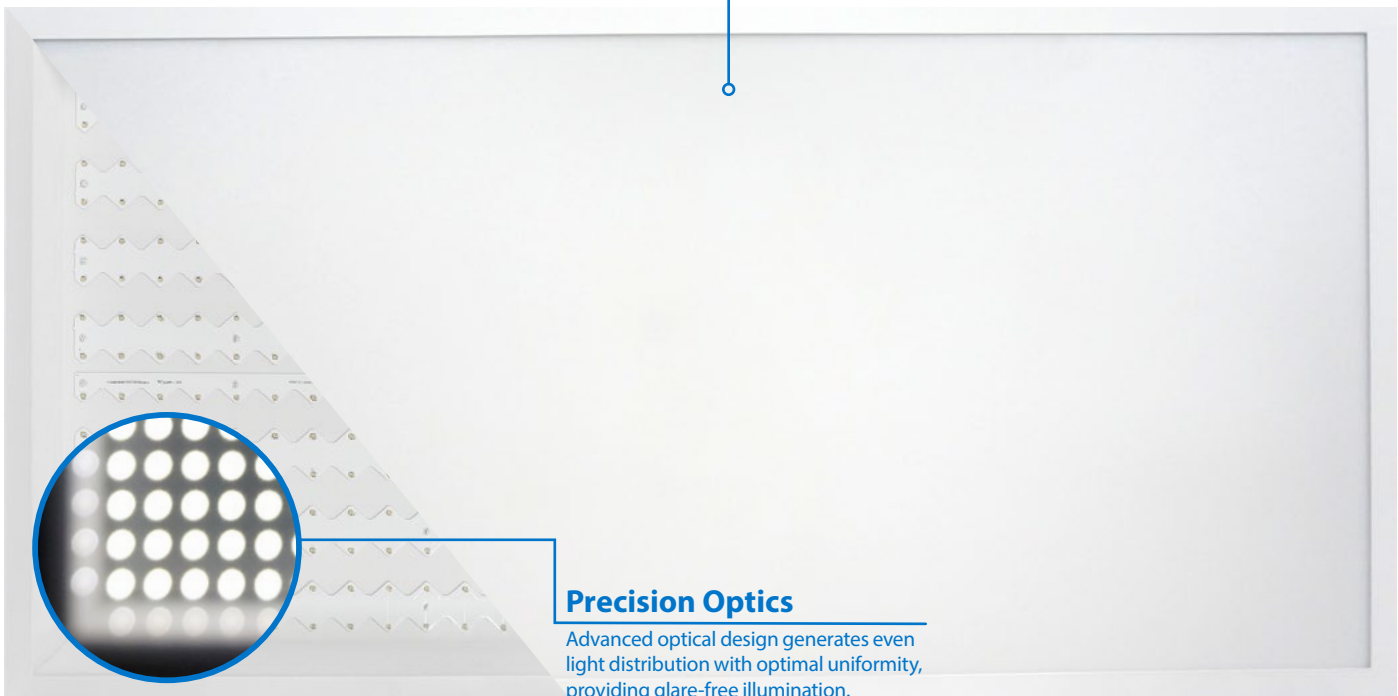
Mounting Holes

Mounting holes provided for seismic wire application.



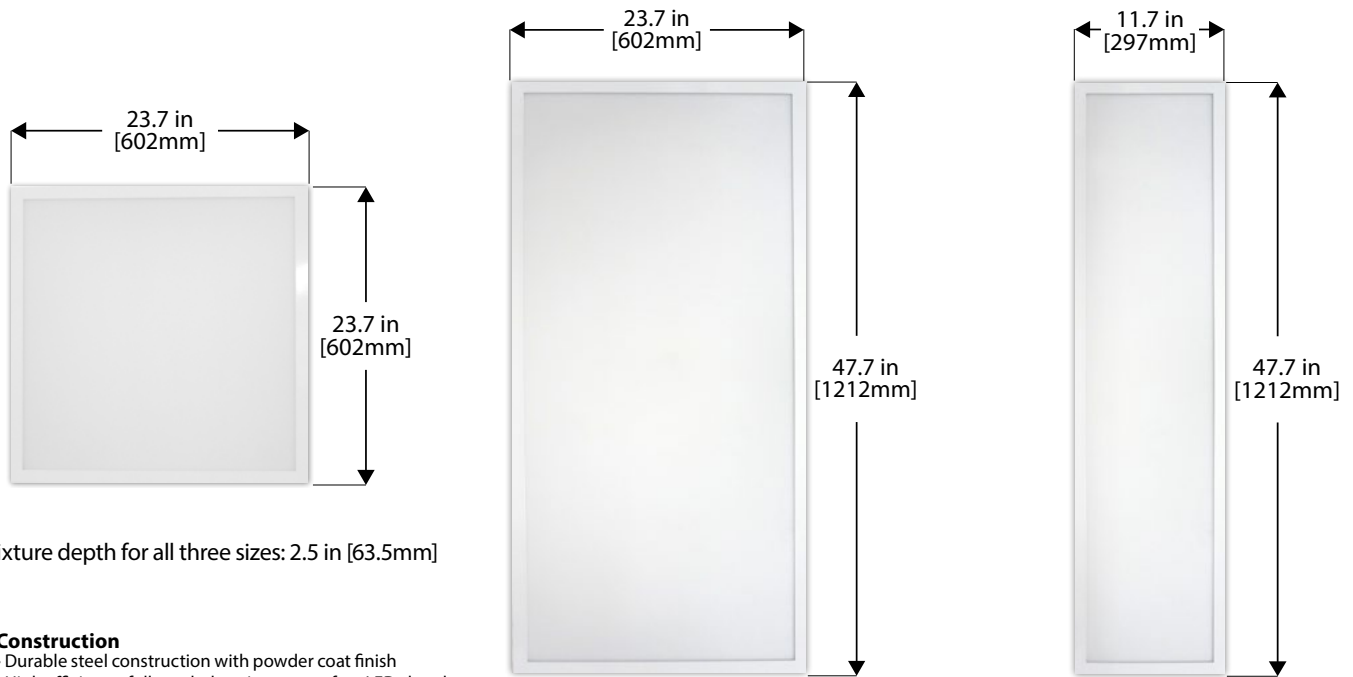
Light Uniformity

No visible diodes, hot-spots, or shadows providing high uniformity, and reduced glare.



Precision Optics

Advanced optical design generates even light distribution with optimal uniformity, providing glare-free illumination.



Fixture depth for all three sizes: 2.5 in [63.5mm]

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; high reflectivity paint
- No visible diodes, hot-spots or shadows providing high uniformity and reduced glare

Electrical

- Qualifies for DLC Premium
- Long-life LED system coupled with electrical driver to deliver optimal performance with 117+ lumens per watt depending on fixture size and CCT
- Driver delivers full-range dimming from 0 - 10VDC; Output source current of 1mA
- Inrush current of 30 amps
- 4kV surge protection standard
- Meets FCC 15: 2016 Class A requirements
- Operating temperature rating of 0°F to 100°F (-18°C to 38°C)
- Input voltage of 120-277VAC

Mounting and Installation

- Features a pre-mounted driver for contractor friendly installation
- J-box has increased volume for wiring with two access plates for low voltage and line voltage wiring
- Can be installed in conventional suspended grid ceiling or drywall with an optional adaptor
- Mounting holes provided for seismic wire
- Certified for direct contact with insulation

Finish

- Integrated trim in white with powder coat finish

Options

- Drywall adaptor/flange kit (FK24) available for 1x4, 2x2, and, 2x4 fixtures
- Surface Mount Kit (SK24) converts T4C Series troffers into surface mount luminaires
- Emergency Battery Backup Kit 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 Calculated L70(6k) life >36,000 hours
- TM-21 Projected L70 (6k) life >136,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards



Product Information

	T4C-14-MV-35	T4C-22-MV-35	T4C-24-MV-35
LED Lifetime:	136,000 Hours	136,000 Hours	136,000 Hours
Input Voltage:	120-277V	120-277V	120-277V
Power Draw:	28W	28W	39W
Delivered Lumens:	3154 Lm	3331 Lm	4597 Lm
System Efficacy:	109 Lm/W	115 Lm/W	117 Lm/W
Correlated Color Temp:	3422 K	3422 K	3422 K
Color Rendering Index:	85 CRI	85 CRI	85 CRI



Ordering Information				<i>Example: T4C-22-MV-35</i>
Series	Size	Voltage	CCT's	EM (Optional)
T4C	14 (1' x 4')	MV (120-277V)	30 (3000 K)	EM (Emergency Battery)
	22 (2' x 2')		35 (3500 K)	
	24 (2' x 4')		40 (4000 K)	
			50 (5000 K)	

Warehouse Locations

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