

## Architectural **LED** Troffer Retrofit Kit **T4AR**



**Patent Pending System That's Fast to Install**

# T4AR

## Architectural **LED** Troffer Retrofit Kit

### Industry-leading Installation Time.

The **T4AR Architectural LED Troffer Retrofit** features a patent pending design and 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 T4AR also features a premounted driver and a high-efficiency, maintenance-free LED chamber and is available in 2x2 or 2x4 configurations. Whether in 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.

#### Support Rails

Four rail system with "quick lock" tabs enables easy and secure installation that minimizes gaps and prevents warping

#### Integrated Driver

Integral driver makes installation easy and delivers full range dimming

#### Light Uniformity

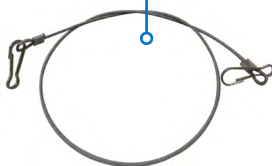
No visible diodes, hot-spots, or shadows, which provides high uniformity and reduced glare

#### Precision Optics

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

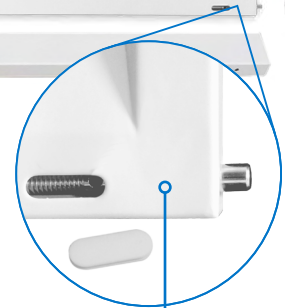
#### Integral Support Cables

Built-in seismic wires offer a more secure installation and added safety



#### Support Pins

Plunger style pins allow for quick installation with a positive lock and silicone cover for a seamless, finished look



# T4AR

## Ordering Information

### Construction

US & International patent pending design  
Sturdy fixture and four rail system prevent warping and twisting  
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  
Fully sealed LED chamber prevents ingress of dust and bugs

### Electrical

Long-life LED system coupled with electrical driver to deliver optimal performance with 125+ lumens per watt  
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  
Meets FCC Part 15B: 2016 Class A requirements

### Installation

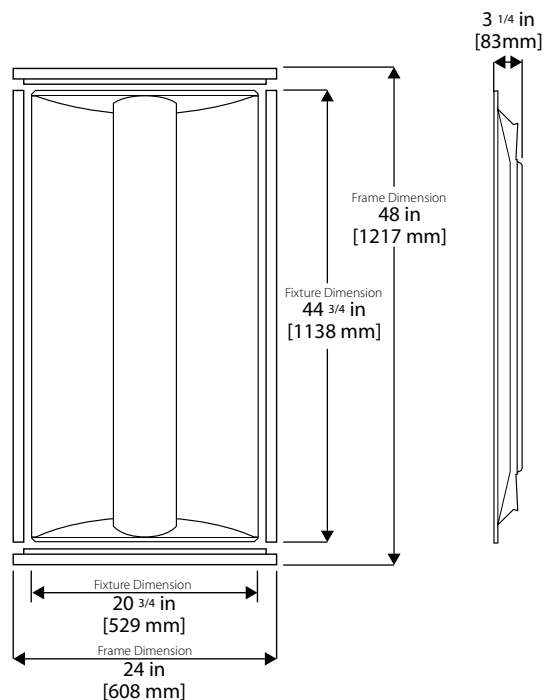
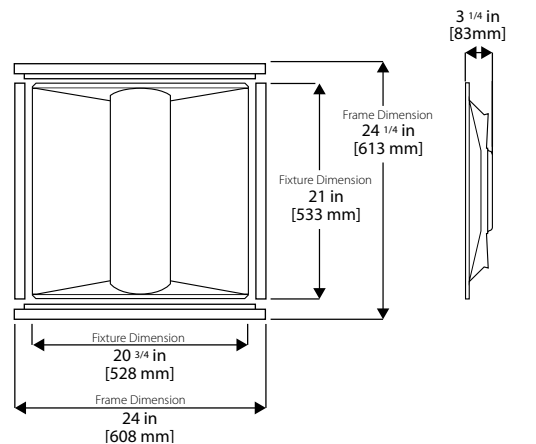
Unique four rail system minimizes gaps, creating a more seamless look  
Quick and easy single person installation  
Features an integral driver for easy installation  
Retrofits most fluorescent 2'x2' or 2'x4' fixtures  
Seismic wire provided for safe installation and operation  
Suitable for use in IC rated troffer

### Finish

Matte white powder coat finish

### 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(9k) life >54,000 hours  
LM-79, LM-80 testing performed in accordance with IESNA standards.



Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
T4AR-22-MV-35	3148	25	125.9
T4AR-22-MV-40	3159	25	126.4
T4AR-22-MV-50	3182	25	127.3
T4AR-24-MV-35	4469	34	131.4
T4AR-24-MV-40	4523	34	133.0
T4AR-24-MV-50	4635	34	136.3

T4AR Ordering Information			
Series	Size	Voltage	CCT's
T4AR	22 (2' x 2')	MV (120-277V)	35 (3500 K)
	24 (2' x 4')		40 (4000 K)
			50 (5000 K)

Example: T4AR-24-MV-40