

**NICOR**<sup>®</sup> | **LED**

Edgelit **LED** Troffer  
**TPC**



**Economy Focused with an Edge**

# TPC

## Edgelit LED Panel

### An Edgelit Lighting Solution with a Low Profile for a Low Cost

The ultra slim, **TPC Edgelit Flat Panel** provides uniform edge-to-edge illumination for a modern, clean aesthetic that eliminates shadowing. It installs easily into tight ceiling spaces, making it an ideal replacement for traditional fluorescent fixtures, and includes built-in T-Grid clips for a more secure installation and added safety. The TPC is available in 1x4, 2x2 and 2x4 configurations and has optional accessories for surface mount or recessed flange mount applications as well as emergency battery backup.

#### Integrated Driver

Integral driver makes installation easy and delivers full range dimming

#### Low-Profile Body

Thin profile body offers easy installation in T-Grid

#### Multiple Knockouts

Knockouts enable flexible installation and adjacent mounting

#### Precision Optics

Advanced optical design generates even light distribution, eliminates shadowing, and provides glare-free illumination

#### Integrated T-Grid Clips

T-Grid clips allow for secure installation with available mounting holes for seismic wire.

#### Edge lit LED Technology

Precision engineered MS light guide prevents yellowing and crazing, while providing high uniformity and reduced glare



# TPC

## Ordering Information

#### Construction

Extruded aluminum frame with powder coat finish  
Coated steel backplate increases fixture rigidity

#### Optical System

Edge lit LED technology  
Precision engineered MS light guide for high efficiency transmission  
High efficiency optical stack provides up to 108 lumen per watt depending on CCT

#### Electrical

Input voltage of 120-277VAC  
Driver delivers full-range dimming from 0 - 10VDC  
Operating temperature rating of 0°F to 100°F (-18°C to 38°C)  
Meets FCC Part 15B Class A requirements  
TM-21 Reported L70(6k) life >54,000 hours  
LM-79, LM-80 testing performed in accordance with IESNA standards

#### Mounting and Installation

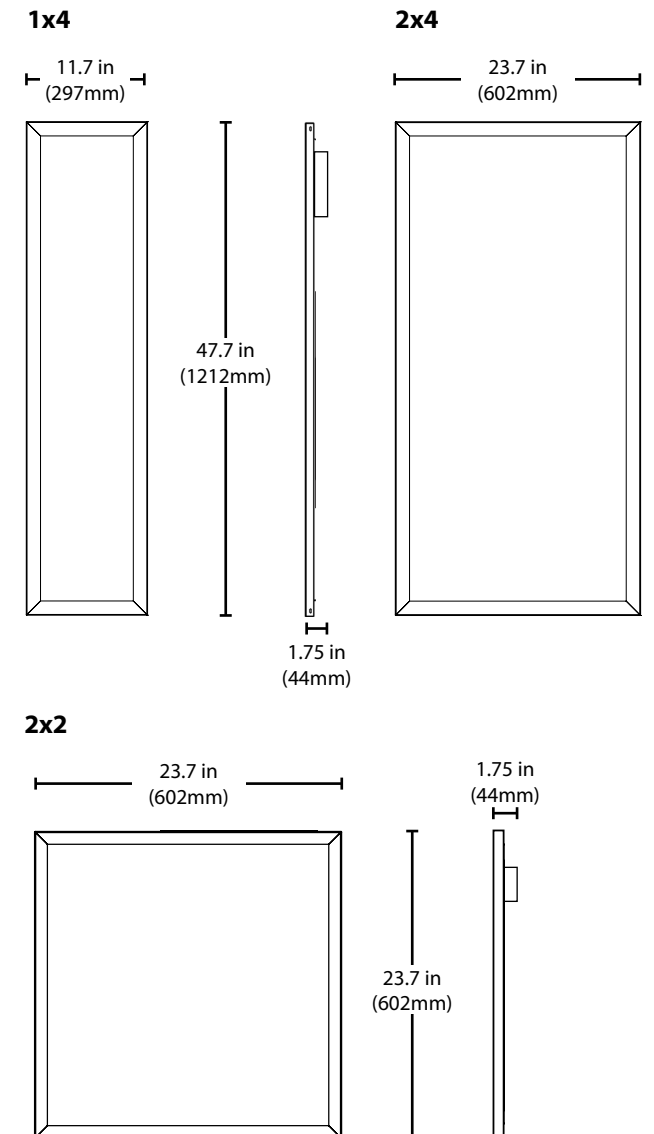
Integral T-Grid clips with mounting holes for seismic wire  
Junction box with multiple knockouts mounted to back of fixture for easy installation  
Certified for direct contact with insulation  
For installations where power surge may be possible, NICOR recommends installing additional surge protection electrical distribution panel

#### 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)



Accessories	
TPC 1X4 EMERGENCY MOUNTING PLATE	TPE1014EMPLATE
TPC 2X2 & 2X4 EMERGENCY MOUNTING PLATE	TPE102224EMPLATE
TPC 1X4 FLANGE MOUNT KIT	TPE10FK14
TPC 2X2 FLANGE MOUNT KIT	TPE10FK22
TPC 2X4 FLANGE MOUNT KIT	TPE10FK24
TPC 1X4 SURFACE MOUNT KIT	TPE10SK14
TPC 2X2 SURFACE MOUNT KIT	TPE10SK22
TPC 2X4 SURFACE MOUNT KIT	TPE10SK24

Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
TPC1014MV35WH	4210	40.0	105.2
TPC1014MV40WH	4307	40.0	107.6
TPC1014MV50WH	4342	40.0	108.5
TPC1022MV35WH	4139	40.1	103.3
TPC1022MV40WH	4184	40.1	104.4
TPC1022MV50WH	4209	40.1	105.0
TPC1024MV35WH	4613	44.2	104.4
TPC1024MV40WH	4766	44.2	107.8
TPC1024MV50WH	4719	44.2	106.8

TPC Ordering Information							Example: TPC1024MV40WHE1
Series	Version	Size	Voltage	CCT's	Finish	EM (Optional)	
TPC	10 (Version 1)	14 (1x4)	MV (120-277V)	35 (3500 K)	WH (White)	E1 (EMB45)	
		22 (2x2)		40 (4000 K)		E2 (EMB80)	
		24 (2x4)		50 (5000 K)		E3 (EMB250)	

### Warehouse Locations

Albuquerque, NM  
Atlanta, GA  
Detroit, MI  
Houston TX  
Indianapolis, IN

Lombard, IL  
Miami, FL  
Syracuse, NY  
Van Nuys, CA

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