

Edgelit **LED** Troffer
TPE



Edge-to-Edge High Performance

TPE

Edgelit LED Troffer

An Edgelit Lighting Solution

with a Low Profile and Cost

The ultra slim, flat panel **TPE Edgelit LED Troffer** 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 grid clips for a more secure installation and added safety. The TPE 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

Multiple Knockouts

Knockouts enable flexible installation and adjacent mounting

Low-Profile Body

Thin profile body offers easy installation in T-Grid

Precision Optics

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

Integrated T-Grid Clips

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

Edge lit LED Technology

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



TPE

Ordering Information

Construction

Extruded aluminum with powder coat finish
Coated backplate increases fixture rigidity
Smooth formed sides for safe handling

Optical System

Edge lit LED technology
Precision engineered PMMA light guide prevents yellowing and crazing
High efficiency optical stack provides 125+ lumen per watt

Electrical

Input voltage of 120-277VAC
Driver delivers full-range dimming from 0 - 10VDC
2kV surge protection standard
Operating temperature rating of 0°F to 100°F (-18°C to 38°C)
Meets FCC Part 15B: 2016 Class A requirements
TM-21 Reported L70(9k) life >54,000 hours
TM-21 Calculated L70(9k) life = 238,000 hours
LM-79, LM-80 testing performed in accordance with IESNA standards

Installation

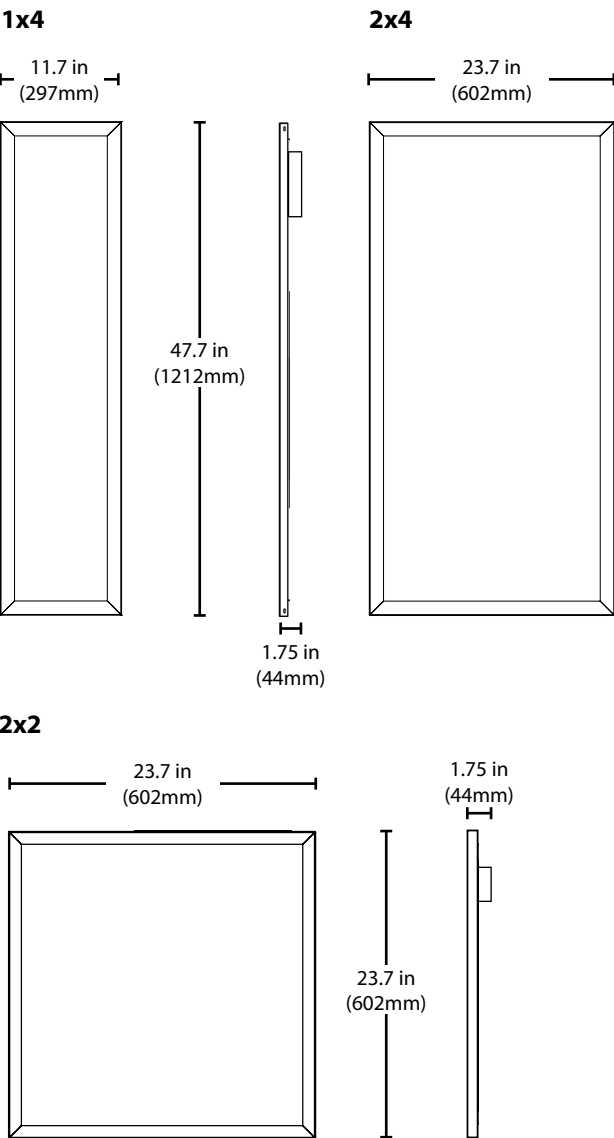
Four integral T-Grid clips with mounting holes for seismic wire
Junction box with multiple knockouts mounted to back of fixture for easy installation
Certified for direct contact with insulation
For installations where power surge may be possible, NICOR recommends installing additional surge protection at the fixture or 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	
TPE 2X2 & 2X4 EMERG MNTG PLATE*	TPE102224EMPLATE
TPE 1X4 FLANGE MOUNT KIT	TPE10FK14
TPE 2X2 FLANGE MOUNT KIT	TPE10FK22
TPE 2X4 FLANGE MOUNT KIT	TPE10FK24
TPE 1X4 SURFACE MOUNT KIT	TPE10SK14
TPE 2X2 SURFACE MOUNT KIT	TPE10SK22
TPE 2X4 SURFACE MOUNT KIT	TPE10SK24

Performance Data			
Model Number	Lumens	Watts	Lumens/Watt
TPE1014SMV35	3407	27.6	123.4
TPE1014SMV40	3528	28.0	126.0
TPE1014SMV50	3584	28.0	128.0
TPE1022SMV35	3396	27.2	124.9
TPE1022SMV40	3556	28.0	127.0
TPE1022SMV50	3612	28.0	129.0
TPE1024SMV35	4299	34.4	125.0
TPE1024SMV40	4504	35.8	125.7
TPE1024SMV50	4536	36.0	126.0

TPE Ordering Information						
						Example: TPE1024SMV40WHE1
Series	Version	Size	Voltage	CCT's	Finish	EM (Optional)
TPE	10 (Version 1)	14S (1x4)	MV (120-277V)	35 (3500 K)	WH (White)	E1 (EMB45)
		22S (2x4)		40 (4000 K)		E2 (EMB80)
		24S (2x4)		50 (5000 K)		E3 (EMB250)

Warehouse Locations

Albuquerque, NM
Atlanta, GA
Detroit, MI
Hayward, CA
Indianapolis, IN

Miami, FL
San Antonio, TX
Syracuse, NY
Van Nuys, CA
Wood Dale, IL

T 800.821.6283

F 800.892.8393

www.nicorlighting.com

2200 Midtown Pl. NE
Albuquerque, NM 87107 USA



LIT-TPE-10PK

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