

TPC Select

1x4 Edgelit LED Panel

Product Description

The ultra slim, TPC Select Edgelit 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 CCT Selectable design allows for easy adjustment to 3500, 4000, or 5000k. 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.

Construction

- Extruded aluminum with powder coat finish
- Coated backplate increases fixture rigidity

Optical System

- Edge lit LED technology
- Precision engineered MS light guide for high efficiency transmission

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)
- Selectable wattage: 40W, 30W, and 25W
- Meets FCC Part 15B Class A requirements
- TM-21 Reported L70(6k) life >50,000 hours
- LM-79, LM-80 testing performed in accordance with IESNA standards

LED

- Selectable CCT: 3500K, 4000K, or 5000K

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 at the electrical distribution panel

Finish

- Matte white powder coat finish

Warranty

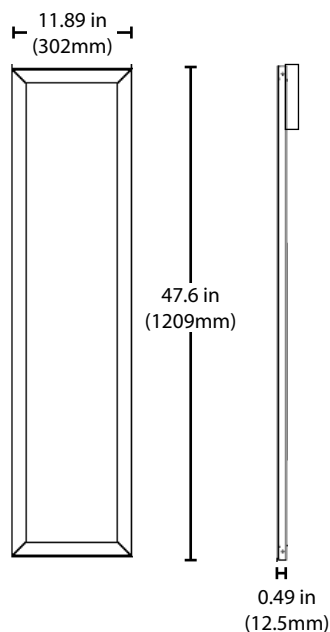
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge.)

Project

Catalog

Type

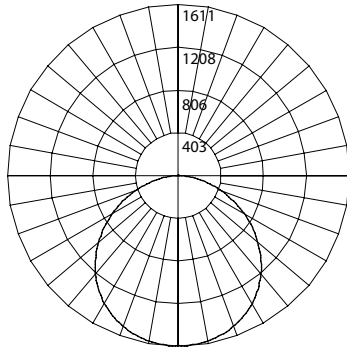
Date



Photometric Data

TPCS114U 3500K

Input Voltage (VAC)	120-277
System Level Power (W)	39.6
Delivered Lumens (Lm)	4618
System Efficacy (Lm/W)	116.5
Correlated Color Temp (K)	3444
Color Rendering Index (CRI)	83
Beam Angle (0°)	112.5°
Beam Angle (90°)	112.1°
Spacing Criteria (0°)	1.26
Spacing Criteria (90°)	1.26



Angle	Along
0	1611
10	1581
20	1493
30	1355
40	1173
50	956
60	708
70	448
80	195
90	0

Mounted height (Feet)	Footcandles Beam Center	Diameter (Feet)
4	100.7	12.0
6	44.7	18.0
8	25.2	23.9
10	16.1	29.9
12	11.2	35.9
14	8.2	41.9
16	6.3	47.9

4000K	1.062
5000K	1.003

Zone	Lumens	% of Luminaire
0-30	1250	27.1%
0-40	2047	44.3%
0-60	3618	78.3%
0-90	4617	100%
90-180	0	0%
0-180	4618	100%

Fixture tested per LM-79-08. Photometric data is of the performance of a representative fixture. Results may vary in the field.

Nominal CCT(K)	Power (W)	Light Output (lm)	Lumens/Watt
3500	39.6	4618	116.6
	30.2	3679	121.8
	25.4	3169	124.6
4000	38.5	4787	124.4
	30.2	3914	129.6
	25.4	3367	132.4
5000	39.7	4649	117.0
	30.2	3691	122.2
	25.4	3179	125.0

Lutron NTSTV-DV-WH
Lutron DVSTV
Cooper SF10P
Legrand RH4FBL3PW

*Not a complete list. Check compatibility before installation.

Ordering Information

Example: TPCS114U

Series	CCT's	Version	Size	Voltage	
TPC	S (Selectable: 3500, 4000, 5000K)	1 (Version 1)	14 (1x4)	U(120-277V)	E1 (EMB45)
					E2 (EMB80)
					E3 (EMB250)

Specifications and dimensions subject to change without notice.

Accessories

accessories sold separately

TPC 1X4 Emergency Mounting Plate	TPE1014EMPLATE
TPC 1X4 Flange Mount Kit	TPE10FK14
TPC 1X4 Surface Mount Kit	TPE10SK14

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.