



# LED Pro Series Luminaires

## Product Specifications



TCP's LED Pro Series Luminaires feature back-lit technology with a robust construction that still offers a slim, low profile with beautiful full-panel diffusion and superior uniformity.

These energy efficient Luminaires offer a cost-effective solution to maximize energy savings and take advantage of utility rebates.

Applications: T-bar Grid Ceilings

## Reasons to choose the LED Pro Series Luminaires from TCP

- Provides energy savings over fluorescent alternatives, providing instant energy savings and potential rebate eligibility
- Long 50,000 hour rated life significantly reduces maintenance labor & material costs
- Excellent color consistency & high CRI enhances color of focal point while maintaining uniformity throughout lighting installation
- Mercury-free construction is great for all environments
- Fits standard 1" and 9/16" T-bar grid ceilings
- Utilizes back-lit technology for full diffusion with excellent uniformity
- Slim, low-profile design and lightweight for easy handling

## Ideal Applications

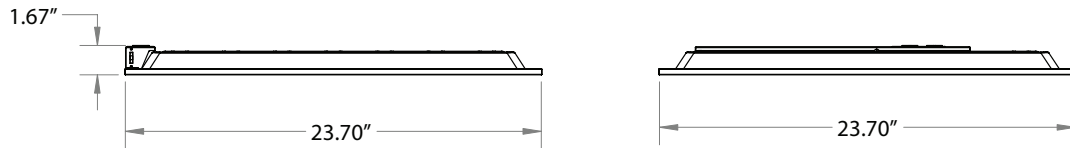
- Office
- Retail Stores
- Schools
- Hospitality
- Restaurants
- Healthcare

## Specifications

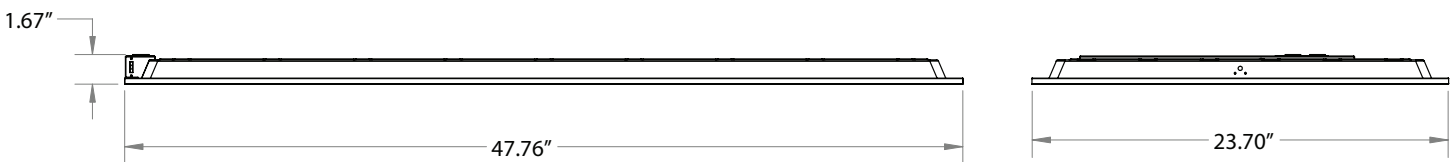
Input Line Voltage .....	120-277 VAC
Input Line Frequency (Hz) .....	50/60HZ
Wattage (W)	
2'x2' .....	38W (Wattage Selectable to 38W/29W/23W)
2'x4' .....	46W (Wattage Selectable to 46W/39W/29W)
Lumens (L)	
2'x2' .....	4200L
2'x4' .....	5100L
Lumens per Watt (LPW).....	>110 LPW
Rated Life .....	50,000 hours
Minimum Starting Temperature .....	-20°C
Maximum Operating Temperature.....	40°C
CRI .....	>80
Power Factor .....	>90%
THD.....	<20%
Ratings .....	UL/cUL damp location rated, IC rated, IP20, DLC Standard 5.1
Controls.....	0-10V dimming (standard)



2' x 2' Pro Line Panel



2' x 4' Pro Line Panel



## Applications

TCP LED Pro Series Luminaires are cost-effective, high-efficiency alternatives to traditional T5, T8 and T12 linear fluorescent troffers. Featuring a slim, low-profile design, our LED Pro Series Luminaires use back-lit technology to deliver full panel diffusion and superior uniformity that meets or exceeds the output from edge-lit panels. Applications include offices, schools, retail locations, healthcare, hospitality and other T-grid and commercial ceilings.

## Construction

- Rectangular white frame
- Lens: frosted white diffuser
- IP20 rated
- IC rated for direct contact with insulation
- Designed for easy drop into T-bar grid ceilings

## Electrical

- UL/cUL damp location rated
- 0-10V dimming driver (standard)
- LED driver with integrated junction box
- System rated for long 50,000 hour life

## Optics

- Back-lit technology provides even uniform lighting
- 120° beam angle
- Frosted diffuser for reduced glare and aesthetic appeal
- Meets or exceeds the look and performance of edge-lit panels

Item Number	
Notes	Type



### Listings

UL/cUL Listed  
IC Rated  
RoHS Compliant  
DLC 5.1 Standard

### Lumen Maintenance

L70 > 54,000 hours

### Warranty

Five year limited warranty against defects in manufacturing.

ITEM NUMBER	SIZE	WATTAGE <sup>1,2</sup>	VOLTAGE	LUMENS	COLOR TEMPERATURE
PLP2UZD3841K	2' x 2'	38W (Wattage Selectable to 38W/29W/23W)	120V-277V	4200L	4100K
PLP2UZD38CCT	2' x 2'	38W (Wattage Selectable to 38W/29W/23W)	120V-277V	4200L	3500K/4100K/5000K Selectable

<sup>1</sup> Approximate lumen output. Actual performance may vary based on CCT, options selected and end user application.

<sup>2</sup> Actual wattage may differ by +/- 5%; when operating between 120-277V +/- 10%.

<sup>3</sup> 23W and 29W are permanently fixed; 38W is adjustable

<sup>4</sup> Special frame colors are special order only. Please work with supply chain for lead times.

### Accessories:

Item Number	Description
YHANGER6PK	Y FIT CABLE HANGER 6 PACK (ONE PACK HANGS (3) PANELS)
DTSK2	SURFACE MOUNT KIT FOR DIRECT TROFFER 2X2
DNFLK2	RECESS MOUNT FLANGE KIT FOR 2X2 TROFFERS

For the most up-to-date specs and warranty information, please visit [www.tcp.com](http://www.tcp.com)

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5 YEAR WARRANTY

Not all versions of this product are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl).

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ITEM NUMBER	SIZE	WATTAGE <sup>1,2</sup>	VOLTAGE	LUMENS	COLOR TEMPERATURE
PLP4UZD4641K	2' x 4'	46W (Wattage Selectable to 46W/39W/29W)	120V-277V	5100L	4100K
PLP4UZD46CCT	2' x 4'	46W (Wattage Selectable to 46W/39W/29W)	120V-277V	5100L	3500K/4100K/5000K Selectable

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<sup>2</sup>Actual wattage may differ by +/- 5%; when operating between 120-277V +/- 10%.

<sup>3</sup>23W, 29W and 38W are permanently fixed; 46W is adjustable

<sup>4</sup>Special frame colors are special order only. Please work with supply chain for lead times.

### Accessories:

Item Number	Description
YHANGER6PK	Y FIT CABLE HANGER 6 PACK (ONE PACK HANGS (3) PANELS)
DTSK4	SURFACE MOUNT KIT FOR DIRECT TROFFER 2X4
DNFLK4	RECESS MOUNT FLANGE KIT FOR 2X4 TROFFERS AND PANELS

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# TECHNOLOGY CAST IN A BEAUTIFUL LIGHT

For over 20 years, TCP has been designing, developing and delivering energy-efficient lighting into the market. Thanks to our cutting-edge technology and manufacturing expertise, we have shipped billions of high quality lighting products. With TCP, you can count on a lighting product that is designed to meet the needs of the market - that transforms your surroundings and envelopes you in warmth - lighting that generates beauty with every flip of the switch.

Sales:

Date:

Model:

Project:

Rep:

Catalog Number:

Type:

Notes:



For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit [tcp.com](http://tcp.com)

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