



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 Fixed
2'x4'	46W Fixed
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
Controls.....	0-10V dimming (standard)

2'x2'



2'x4'



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 Direct Troffers 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

Lumen Maintenance

L70 > 54,000 hours

Warranty

Five year limited warranty against defects in manufacturing.

ITEM NUMBER	SIZE	WATTAGE ^{1,2}	VOLTAGE	LUMENS	COLOR TEMPERATURE
PLP2UZD3841K	2' x 2'	38W	120V-277V	4200L	4100K
PLP2HZD3841K	2' x 2'	38W	120V-347V	4200L	4100K
PLP2UZD38CCT	2' x 2'	38W	120V-277V	4200L	3500K/4100K/5000K Selectable

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

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

Accessories:

Item Number	Description
YHANGER6PK	Y FIT CABLE HANGER 6 PACK
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

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ITEM NUMBER	SIZE	WATTAGE ^{1,2}	VOLTAGE	LUMENS	COLOR TEMPERATURE
PLP4UZD4641K	2' x 4'	46W	120V-277V	5100L	4100K
PLP4HZD4641K	2' x 4'	46W	120V-347V	5100L	4100K
PLP4UZD46CCT	2' x 4'	46W	120V-277V	5100L	3500K/4100K/5000K Selectable

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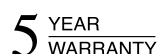
Item Number	Description
YHANGER6PK	Y FIT CABLE HANGER 6 PACK
DTSK4	SURFACE MOUNT KIT FOR DIRECT TROFFER 2X4
DNFLK4	RECESS MOUNT FLANGE KIT FOR 2X4 TROFFERS AND PANELS

For the most up-to-date specs and warranty information, please visit www.tcp.com

TCP®

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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.

For more information on the quality and care TCP can deliver, call us at **800.324.1496** or visit tcp.com

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