

Catalog #:	
Project :	
Type :	Date:
Notes:	

## LED Backlit Flat Panel Luminaire

TL-BLFP Series

### DESCRIPTION

ETL Listed. CRI more than 80 0-10V dimmable driver. Input voltage is AC100-277. Reduces energy consumption up to 60%. Surface mounting installation. Photocell sensor option. Special indoor luminaire design.

### APPLICATIONS

Office and school lightning: office room, meeting room, class room etc.  
Commercial lighting: shopping mall, supermarkets, retail shops etc.  
Other situations: hospital, laboratory, dust-free workshops.



### QUICK SHIP:

TLUP-PL2x2-25W/30W/40W-3CCT  
TLUP-PL2x4-30W/40W/50W-3CCT



### Specification Features

#### Controls / Dimming

High quality isolated driver; 0-10V dimming; Flicker free. Optional sensor and Emergency Battery Backup available. 50,000 lifetime hours.

#### Warranty

5 Years Limited Warranty. See warranty documentation for more information.

#### Certifications

It complies with ETL certification. IP20 Rated.

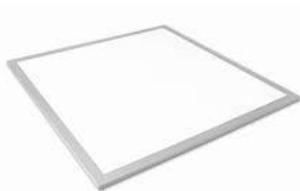
#### Installation / Mounting

Recessed installation, suspending and surface mounted

### Ordering Information

Example: TLUP-PL2x2-20W-40K-[]

TLUP	PL	2x2	40W	40K	[Blank]	[BLANK]
Brand	Series	Size	Nominal Wattage	Color Temp	Dimmable	
<b>TLUP</b> Techno	<b>PL</b> Backlit Flat Panel	<b>2x2</b> 2 x 2 <b>2x4</b> 2 x 4	<b>25W</b> <b>30W</b> <b>40W</b> } 2 x 2  <b>30W</b> <b>40W</b> <b>50W</b> } 2 x 4	<b>35k</b> 3500K <b>40K</b> 4000K <b>50K</b> 5000K  <b>3-CCT</b> { 3500K 4000K 5000K	<b>D[blank]</b> Dimmable <b>N</b> Non-Dimmable	<b>N [blank]</b> No Sensor  <b>Voltage</b> <b>[Blank]</b> 120-277V



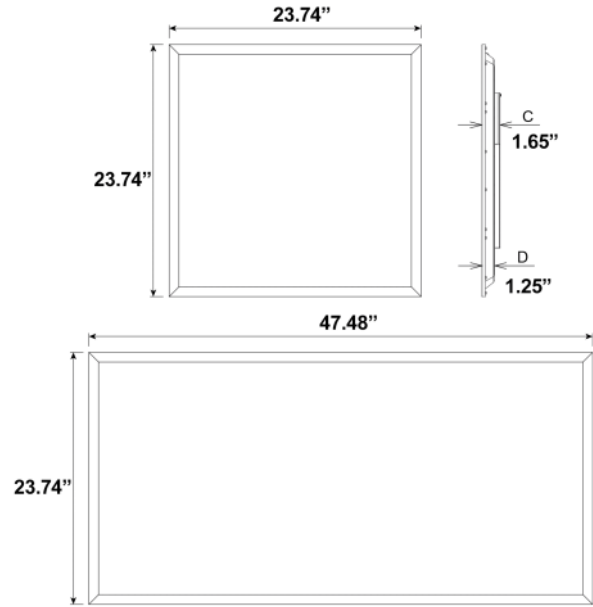
## Lighting Parameters

Rated Power	40W
Input Voltage	100-277 VA
Frequency	50/60 HZ
Power Factor	>0.95
Viewing Angle	120°
CRI	>80
Dimming Function	0-10 V
Working temperature	-68°F~122°F
Housing Material	Aluminum
IP Rating	IP20 Rated
Lumen Efficiency	125 LPW

## Packing Information

Model	Outer Carton Size (L x W x H)	Qty /Carton (pcs)	G.W./ Piece	G.W./Ctn
2 X 2 FT	26" x 11.5" x 26.6"	5 pcs /C T N	5.95 lbs	29.75 lbs
2 X 4 FT	49.6" x 8.07" x 26.6"	4 pcs /C T N	10.5 lbs	42.4 lbs

## Product Dimension



Part Number	L	W	H
TLUP-PL2x2-20W-CK	23.74"	23.74"	1.65"
TLUP-PL2x4-40W-CK	47.48"	23.74"	1.65"

## Product Information

Model	Size	Power	Dimension	Color	System Lumens	Efficacy (Lm/W)
TLUP-PL2x2-25W-CK	2 x 2 ft	25W	23.74"x23.74"x1.65"	3500K / 4000K / 5000K	2600	125
TLUP-PL2x2-30W-CK	2 x 2 ft	30W	23.74"x23.74"x1.65"	3500K / 4000K / 5000K	3900	125
TLUP-PL2x2-40W-CK	2 x 2 ft	40W	23.74"x23.74"x1.65"	3500K / 4000K / 5000K	5200	125
TLUP-PL2x4-40W-CK	2 x 4 ft	40W	23.74"x47.75"x1.65"	3500K / 4000K / 5000K	3900	125
TLUP-PL2x4-50W-CK	2 x 4 ft	50W	23.74"x47.75"x1.65"	3500K / 4000K / 5000K	5200	125
TLUP-PL2x2-25/30/40W-CK	2 x 2 ft	25W / 30W / 40W	23.74"x23.74"x1.65"	3CCT Tunable	2600/3900/5200	125
TLUP-PL2x4-30/40/50W-CK	2 x 4 ft	40W / 50W / 60W	23.74"x47.75"x1.65"	3CCT Tunable	3900/5200/6500	125

## Installation Procedure

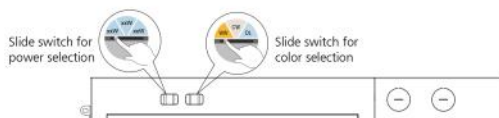
### WARNING



1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.
3. Professional electrician for installation and maintenance only.

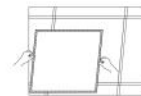
Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

For the product with Slide Switch of CCT or power selection, please select the CCT or power needed before installation. (Ignore these steps if without the function)



### Recessed Installation

Step 1



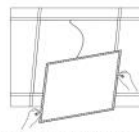
Remove the ceiling plaster slab.

Step 2



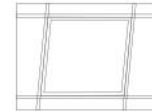
Feed the main AC wire in driver terminal block respectively, connect the panel light and driver.

Step 3



Fix the panel light into plaster ceiling.

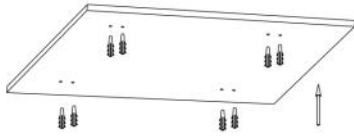
Step 4



Make sure the led panel light is firmly fixed, turn on the power.

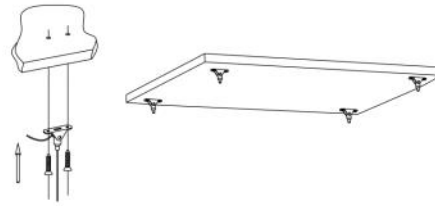
### Suspending

Step 1



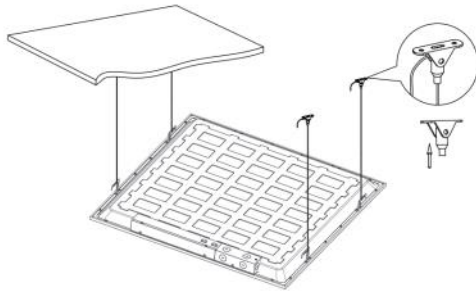
Fix the anchor into target place on the ceiling.

Step 2



Fix the installation mount on the ceiling with plastic anchor.

Step 3



Hang the panel to ceiling with suspended installation kits, adjust the length of steel wires.

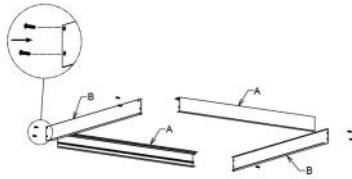
Step 4



Feed the main AC wire in driver terminal block respectively, turn on the power.

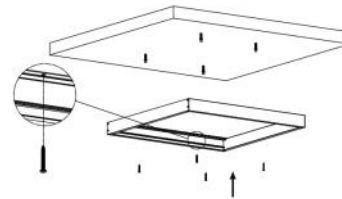
### Surface mounted

Step 1



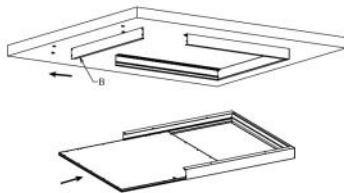
Assemble the surface mounted frame and fix by screws.

Step 2



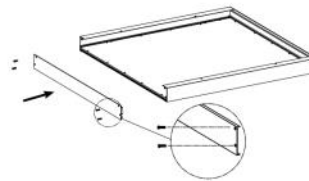
knock the plastic anchor into ceiling, fix the surface mounted frame on the ceiling by screws.

Step 3



Unscrew the side frame then take out, connect the panel light to power supply, insert the panel light into the frame.

Step 4



Fix the side frame back by screw.

Step 5



Make sure the frame and panel light are firmly fixed, turn on the power.

