Teslights+
by SCALAMAX

Smart LED Flat Panel

The images are merely illustrative, some technical features and accessories may be changed without notice.
November 2016

OFFICE · HOSPITAL · MEETING ROOM · HOTEL · EXHIBITION HALL

AIRPORT · THEATRE · MALL · SCHOOLS · INDOOR

The first DLC Premium Panel

DLC QPL LISTED PREMIUM

ETL LISTED · lighting facts · CE · RoHS Compliant · ISO 9001 · UKAS

For additional information, please contact us
www.teslights.com - info@teslights.com

Product Description

High performance, uniform light distribution, and an ultra-slim profile design combine to make Teslights Smart Flat Panel LED shine with brilliance above all others. Teslights Smart Flat Panel LED is the ideal eco-friendly solution for excellence in quality when modernizing offices, commercial areas, and hallways. International certifications and our factory guarantee serve to demonstrate confidence in the world-leading technological expertise now producing Teslights Smart Flat Panel LED.

Key Features

- **Eligible for PG&E Deemed Rebate Program**
- **Modular manufacturing process**
- **Available in 1x4, 2x2 and 2x4 with multiple variations in measurement variations for each standard size**
- **5 year factory warranty**
- **Available in a range of lumens from 4,500- 6,500 lumens, depending on wattage and dimensions**
- **No rewiring of fixture, minimizing replacement and maintenance costs**
- **150° beam angle to avoid overlapping**
- **IEC/EN 62471 photobiological standard class A (do not damage the retina)***

*more information http://www.intertek.com/lighting/photobiological-testing/

Product Specifications

LED package:	SMD 2835
Power consumption:	18 - 60W ±5%
Input voltage:	100~277V AC 50/60Hz
Efficacy:	Up to 130 lm/W
THD:	<18%
P.F.:	>0.98
CRI:	>80
Dimming:	(0-10V)
Material:	6030 aluminum alloy and PC cover
Beam angle:	120°
IP:	IP44
Operating temperature:	-25°C ~ + 50°C
Lifespan:	Up to 50,000 hours

Product Measurement

Flat Panel
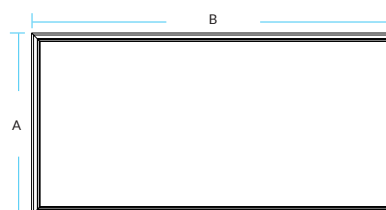
Model	Measures (AxB)
TP2/2	600x600mm
TP4/1	300x1200mm
TP4/2	600x1200mm

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Ordering Guide

Example: TP2/2P24E100F40

Type	Size		Dim or non-dim		Watts		Driver/Power		Efficiency		Cover		CCT		Output current of LED Driver	
TP	2/2		P		36		E		100		F		40			
TP	2/2	2'x2'	P	Dimmable	24 36 48	24W 36W 48W	E	External 100-277V 50/60Hz	130 125	130 lm/W 125 lm/W	F	Frost	30 40 50	3000K 4000K 5000K		
					36 48	36W 48W	M	Internal 100-277V 50/60Hz	100	100 lm/W						
	4/1	4'x1'			24 36 48	24W 36W 48W			130 125 100	130 lm/W 125 lm/W 100 lm/W						
	4/2	4'x2'			48 60	48W 60W			130	130 lm/W						
					48 54	48W 54W			100	100 lm/W						

Type	Size		Dim or non-dim		Driver code		Driver/Power		Efficiency		Cover		CCT		Output current of LED Driver	
TP	4/2		P		50		M		130		F		40		080	
TP	4/2	4'x2'	P	Dimmable	50	Metal driver model	M	Internal 100-277V 50/60Hz	130	130 lm/W	F	Frost	40 50	4000K 5000K	080	800 MA 36W

Note: We can also produce Flat Panels different sizes, wattages, lumens variations, and color temperatures.
For more information contact your account manager.
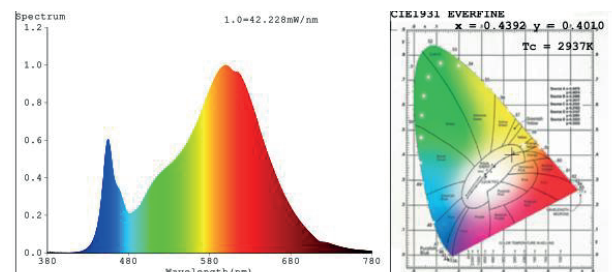
Photometric Polar Diagram

Example: TP2/2P24E130F40
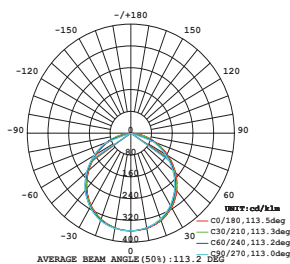
NOTE: If you need photometric information of this or another product, do not hesitate in contact us.

Spectral Power Distribution & Chromaticity Diagram

Example: TP2/2P24E130F40

Installation

1. Turn off power of fixture
2. Connect the input terminal with utility power (AC 100-227V) by using wiring-unit, make certain that no copper wire is exposed.
3. Ensure cable from lamp to driver is securely connected.
4. Secure with appropriate safety straps as needed.
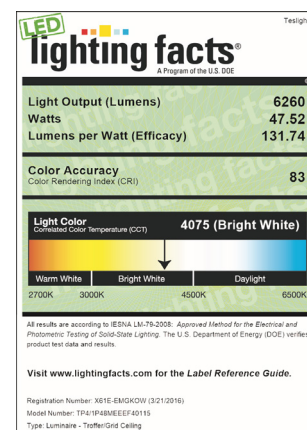5. Turn on the power switch.

Attention:

1. Turn off power to fixture before installing.
2. Do not exceed the recommended input voltage, or it will damage the panel.
3. Do not alter the panel in any way.

NOTE: Reference **www.teslights.com/Lighting/Products** for detailed installation instructions

LED lighting facts

Example: TP4/1P48M130F40

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