



Smart LED Flat Panel



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



The first
DLC Premium Panel

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)***

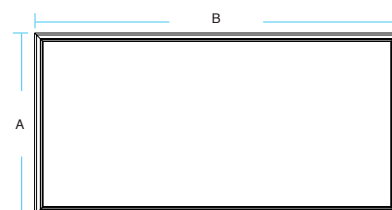
*more information <http://www.intertek.com/lighting/photobiological-testing/>

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 |

Ordering Guide

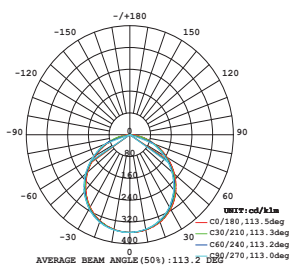
Example: TP2/2P24E100F40

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

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

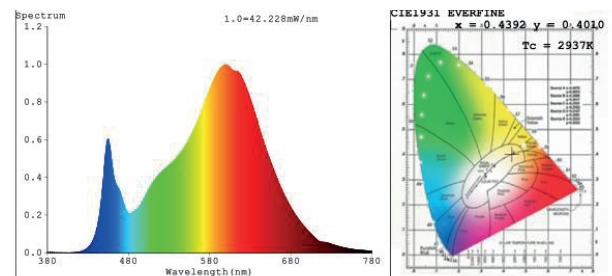
Example: TP2/2P24E130F40



NOTE: If you need photometric information of this or another product, do not hesitate to 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.

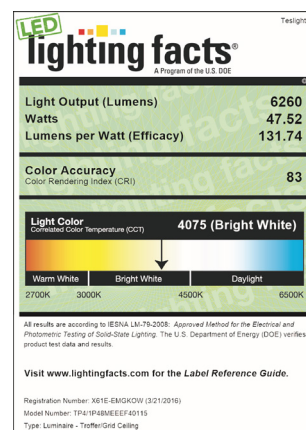
Attention:

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

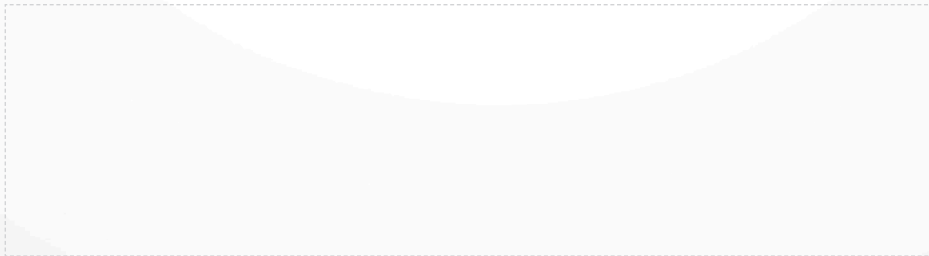
LED lighting facts

Example: TP4/1P48M130F40





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Marine Lighting



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