

LED Flat Panel - D Panel Series - 30W & 40W (120~347V)

DESCRIPTION

The FDPL LED Panel Light was developed as a Sustainable Luminaire for replacing Troffers where space and design is a consideration. The LED Panel Light with a seamless, uncomplicated design offers exceptional quality and performance. THE LED Panel Light is just 11mm (0.4") thick and powered by a high efficient LED source. The LED Panel Light is perfect for a wide variety of general applications.

SPECIFICATION FEATURES

Construction:

Mitsubishi PMMA LGP, aluminum frame with white paint finish. Strong frame structure with better heat dissipation. Suitable for damp locations.

Electrical:

LG high efficient long life LEDs complete electrical with driver to deliver the optimal performance. LEDs standard 5000K, with typical CRI: 80. Ambient temperature -20C to 50C. Rated for 130,000 hours at L70. 91.3% lumen maintaining after 36,000 hours. 0-10V Dimmable. Electronic drivers are selectable between 120 to 347V.

Driver Access:

Drivers can be accessed by removing screws on the driver box located at the back of the fixture. Wired junction box with knock out is included

Finish:

White seamless finish

Diffusion:

Layers of diffusion provide effective and uniform light distribution without glare or hot spots.

Mounting:

- Grid mounting (Standard)
- Adjustable suspension Kit (FDPL-SCXX)
- Surface mount kit (FDPL-XXSM) for wall and ceiling
- Recess mount kit (FDPL-RCXX) for drywall

Compliance:

The driver and luminaires are cETLus and DLC 4.0

Warranty:

5 years



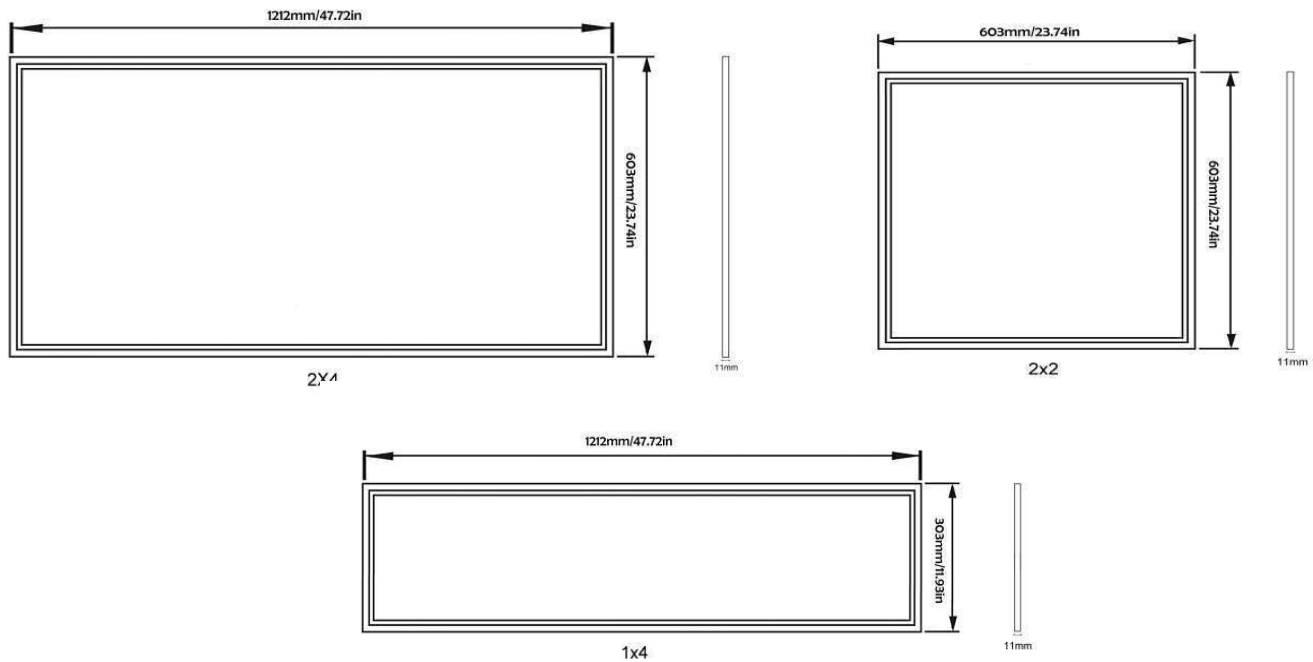
**LED
PANEL LIGHT**



ORDERING CODE, ENERGY AND PERFORMANCE DATA

Model No.	Delivered Lumen	Input Watts	Voltage	Color Temp.	Efficacy Lm/W	Certification
FDPL-14-30LED-4K-120-347V-D	3605 Lm	30	120-347V	4000K-5000K	123	cETLus/DLC
FDPL-22-30LED-4K-120-347V-D	3666 Lm	30	120-347V	4000K-5000K	124	cETLus/DLC
FDPL-24-40LED-4K-120-347V-D	4844 Lm	40	120-347V	4000K-5000K	128	cETLus/DLC
FDPL-14-30LED-5K-120-347V-D	3797 Lm	30	120-347V	4000K-5000K	126	cETLus/DLC
FDPL-22-30LED-5K-120-347V-D	3745 Lm	30	120-347V	4000K-5000K	127	cETLus/DLC
FDPL-24-40LED-5K-120-347V-D	5206 Lm	40	120-347V	4000K-5000K	130	cETLus/DLC

Note: Lumens are estimated



Optional Accessories

Suspension Mounting Kit
 FDPL-14SM Surface Mounting Kit 1 x 4 Panel Light
 FDPL-22SM Surface Mounting Kit 2 x 2 Panel Light
 FDPL-24SM Surface Mounting Kit 2 x 4 Panel Light
 FDPL-RC22 Recess Mounting Kit for 2 x 2 Panel light (4 pcs per set)
 FDPL-RC14 Recess Mounting Kit for 1 x 4 (4 pcs per set)
 FDPL-RC24 Recess Mounting Kit for 2 x 4 Panel Light (4 pcs per set)

SHIPPING DATA

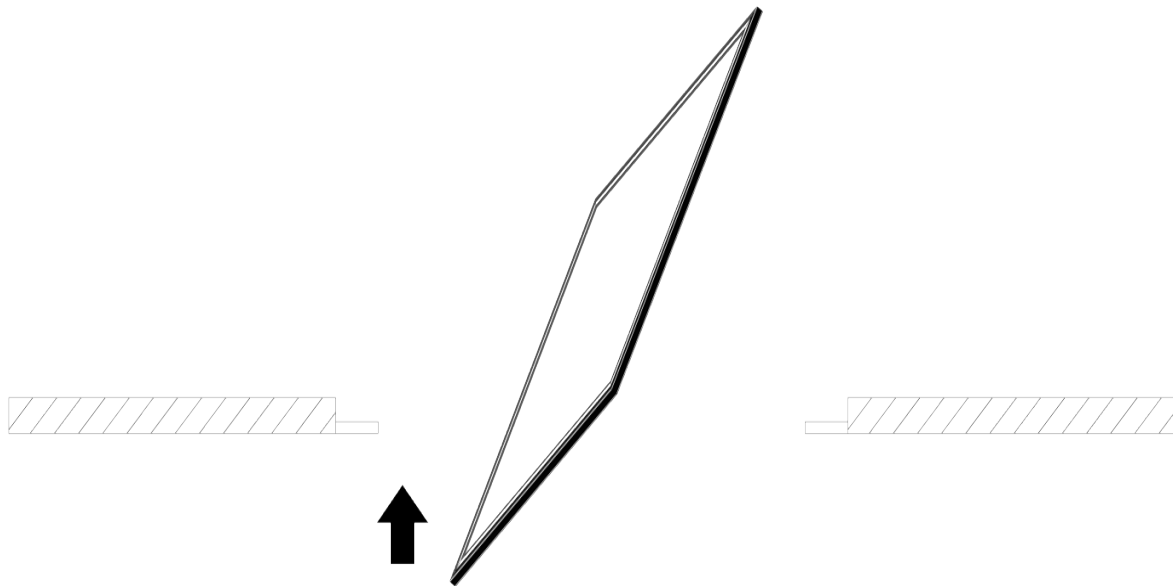
Gross Weight per Carton
 17.5KG / 38.5 lbs (2 per carton)
 19.5KG / 43 lbs (4 per Carton)
 19.5KG / 43 lbs (4 per carton)

Dimmers Compatible with/ Gradateurs Compatibles avec (LEDP) 0-10V Dimmers

Leviton	DD710
Lutron	NTSTV-DV
Lutron	NFTV
Cooper	WBSD-010DEC-C1
Cooper	WBSD-010SLD-W

Recessed installation

1. Removal of the original ceiling module with LED panel lights instead



2. Put panels down steadily and horizontally

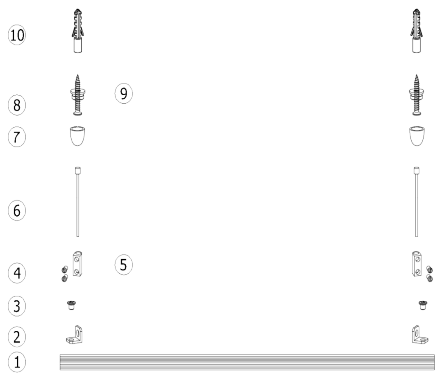


3. Final appearance



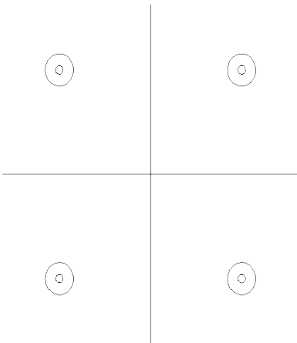
Suspended Installation

1.Spare Parts

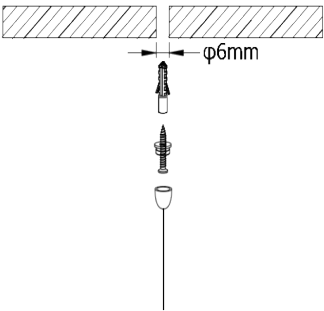


1	LED Panel Light	1
2	L-shape holders	4
3	L-shape fixing screws	4
4	Wire rope fastening screw	8
5	Steel wire buckle	4
6	A wire rope	4
7	Suspension fixed bushings 2-1	4
8	Self-tapping M4 screws	4
9	Suspension fixed bushings 2-2	4
10	expansion pipe	4

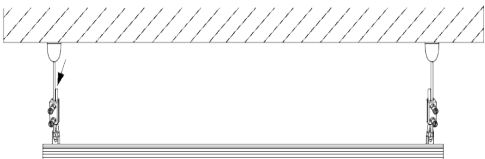
2.Drill Φ 6mm holes on the roof/wall.



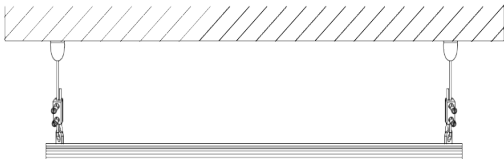
3.Drill Φ 6mm expansion pipe into the hole,and fix the



4.A djust the pipe length.



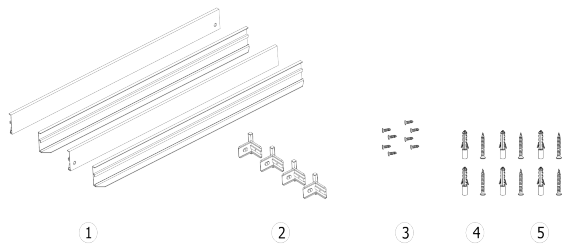
5.Final appearance.



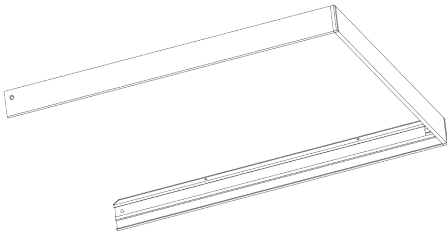
Ceiling mounted Installation

1.Components

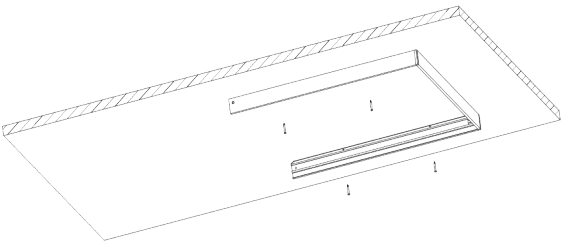
1	LED Panel Light Frame	4
2	Plastic angle code	4
3	Screws M3	8
4	Anchor Bolt	6
5	Screws 4*25	6



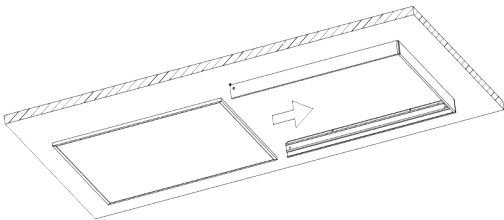
2.Assemble 3 parts of the frame with M3.5 Screws



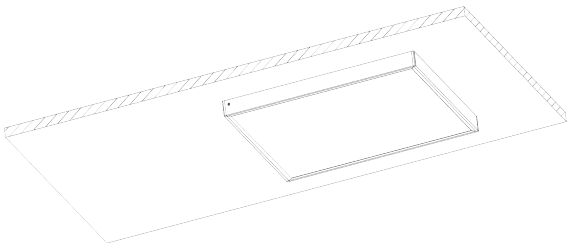
3.Drill the anchor bolts into the ceiling,fixing the frame tightly with 4*25 Screws



4.Insert the Panel Light into the frame from side.



5.Final appearance.



Wiring details

1. Standard Wiring

