

DATA SHEET: LED PANEL LIGHT (CCT AND POWER CHANGEABLE)

DESCRIPTION

Our Patriot LED Panel Light is a New LED lens technology channels the light emitted by the LED's on the side of the fixture and directs the light downward creating uniform light distribution without hot spots, flicker or glare. Bright and powerful—the minimum 40-watt LED light has 192 LEDs with an output of up to 4,800 lumens, the maximum 75-watt LED light has 375 LEDs with output of up to 9,000 lumens. LEDs have Daylight 5,000K color temperatures, and With dimming function, it is recommended to use 0-10V dimmer.

Our LED Panel Light are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty. See Ordering Model table below for our BAA compliant products. Contact us for pricing or more information.

PRODUCT FEATURES

- Lumen Output: 130 l/w
- CRI: > 80.
- Dimmable driver: 0-10V dimming.
- Input voltage is: AC100-277.
- UL, cUL, and DLC.
- Flickering free.
- 120° wide beam angle.
- CCT: tunable from 3000K 3500k 4000K 5000K.
- Wattage: can be adjusted 20W-30W-40W-50W.
- Long life LEDs lasting up to 100,000 hours.
- Limited Warranty: 5 year (10yrs optional).

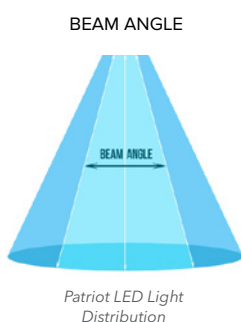


APPLICATION NOTES

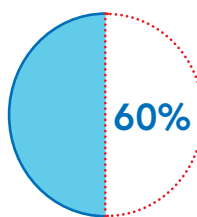
- Ip40 for indoor use only.
- Professional electrician for installation only.
- Switch off before installation.
- Do not touch when in use.
- Keep away from hot steam and corrosive gas.

APPLICATION AREAS

- Office & school lighting: office room, meeting room, classroom etc.
- Commercial lighting: shopping mall, supermarket, retail shops etc.
- Other situation: Hospital, laboratory, dust-free, workshop etc.



CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality



Ordering Guide

Company Code	SIZE	WATTAGE	TUNABLE	DIMMING
PP	1x4 2x2 2x4	20W, 30W, 40W, 50W	T	XDN
Product Code: Example				
PP-2x2-20WT MDS				

PRODUCT SPECIFICATION

PRODUCT NO.	BAA/TAA OPTION*	WATTAGE	INPUT VOLTAGE	COLOR TEMP (K)	POWER RANG	LUMENS	EFFICIENCY	CRI	RATED LIFE (HOURS)	BEAM ANGLE	PF
2'X2' - LED PANEL LIGHT (CCT AND POWER CHANGEABLE)											
PP-2x2-40WT MDS	Yes	40W	AC100-277V	3000/3500/4000/5000K	20W,30W and 40W	5200lm	≥85%	Ra>80	100,000	120 D	> 0.9
2'X4' - LED PANEL LIGHT (CCT AND POWER CHANGEABLE)											
PP-2x4-40WT LDS	Yes	40W	AC100-277V	3000/3500/4000/5000K	20W,30W and 40W	5200lm	≥85%	Ra>80	100,000	120 D	> 0.99
PP-2x4-50WT LDS	Yes	50W	AC100-277V	3000/3500/4000/5000K	30W,40W and 50W	6500lm	≥85%	Ra>80	100,000	120 D	> 0.99

PHYSICAL DATA

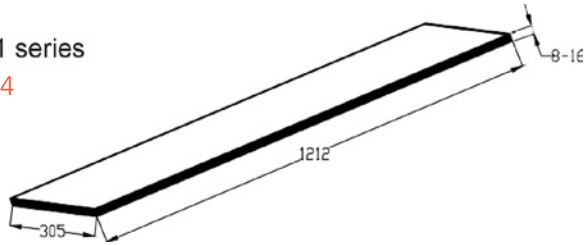
PRODUCT NO.	OPERATION TEMPERATURE	STORAGE TEMP	FREQUENCY	LOAD WATTAGE	ELECTRICAL CLASSIFICATION	PROTECTION (IP)	OPERATING HUMIDITY
2'X2' - LED PANEL LIGHT CCT AND POWER CHANGEABLE							
PP-2x2-40WT MDS	-20°C to -45°C	-30C to -45C	50/60Hz	±5%	II	IP40	0~90%
2'X4' - LED PANEL LIGHT (CCT AND POWER CHANGEABLE)							
PP-2x4-40WT LDS	-20°C to -45°C	-30C to -45C	50/60Hz	±5%	II	IP40	0~90%
PP-2x4-50WT LDS	-20°C to -45°C	-30C to -45C	50/60Hz	±5%	II	IP40	0~90%

Dimensions

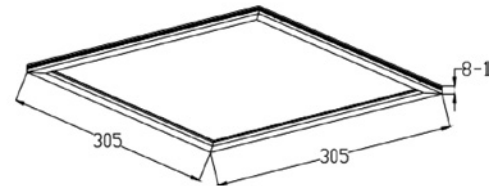


DIMENSIONS

P1 series
1x4

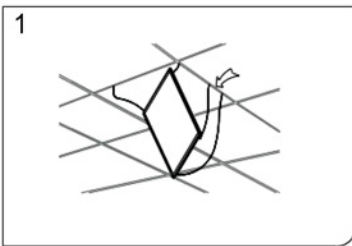


P2 series
1x1

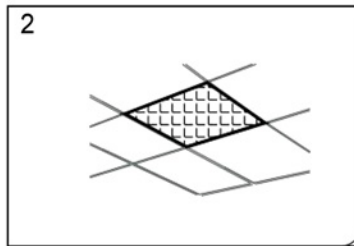


MOUNTING OPTION

Recessed way

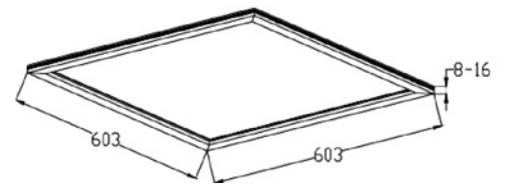


1. Safety wire design available.



1. Perfectly to replace traditional fluorescent troffer.

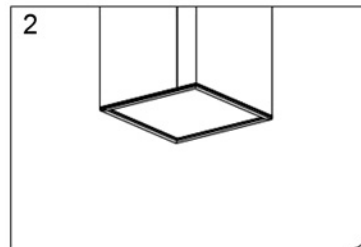
P4 series
2x2



Pendant way

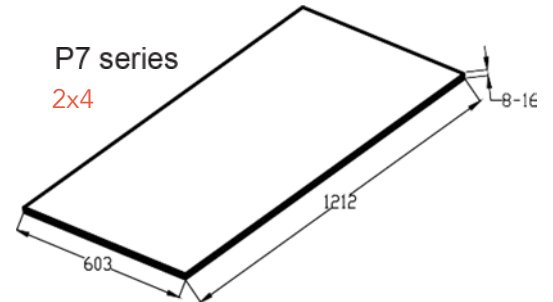


1. Wire pendant installation.

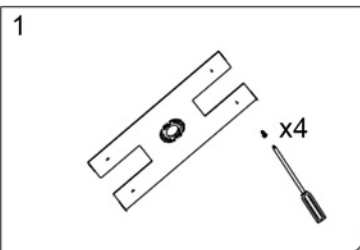


2. Conveniently to adjust the luminaires high.

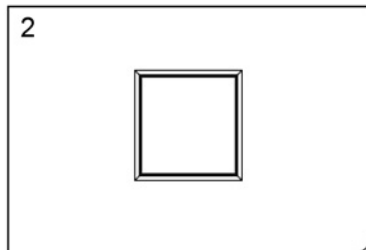
P7 series
2x4



Surface mouting



1. Tighten the installation bracket on the ceiling board



2. Easily to match the LED panel with bracket.