HONYA Lighting
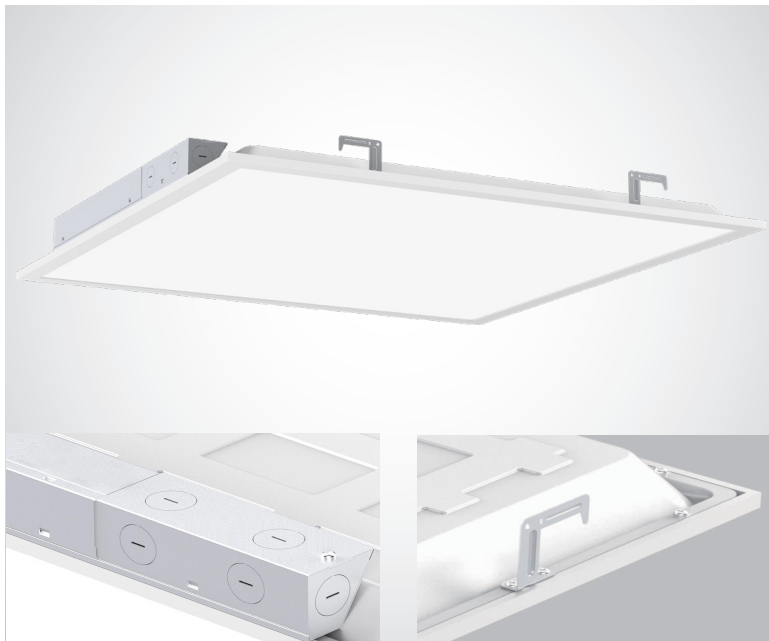
LED BACK-LIT PANEL LIGHT

Application: Office, school, conference room, hospital, and more commercial spaces

Product Description

LED Back-Lit Panel is a direct lighting product with high lumen efficiency. It makes full use of all light and is more cost effective compared with edge lighting LED panel light. Adopt optical lens to offer a uniform light effect. With integrated iron plate, providing great thermal management.

Feature

- Uniform light effect with optic lens.
- Integrated iron plate design provides excellent thermal management.
- Direct light design provides more even light distribution and longer lifespan
- High Lumen Efficiency: 130LM/W

Certifications

120° | PF 0.9 | CRI ≥80 | HOURS 50000 | Energy Saving 70% | 5 Years warranty | FC | DLC PREMIUM

SPECIFICATIONS:

Model No.	HY-PB-30W2X2-XXK-P	HY-PB-40W2X4-XXK-P
Wattage	30W	40W
Size	2x2	2x4
Lumens	3900 LM	5200 LM
Rated Input Voltage(V)	AC100-277V	
Light Source	SMD	
CCT	4000K/5000K	
CRI	≥80	
Beam Angle (°)	120°	
Electrical Class	Class I	
Lumen Efficiency	130 Lm/W	
Color Rendering Index	Ra>70	
Materials of Optics	PMMA(Lens)	
Working Temperature	-4 ° F ~+122 °F / -20°C ~40°C	
Storage Temperature	-4 ° F ~+149 ° F / -20 ° C ~ +65 ° C	
Environment Location	IP 20 – Indoor Only	
Lifespan	> 50000H	
Lampshell	White	
DLC ID	4000K: P9EUCKUM 5000K: PEG5W5Z5	4000K: PTAWGRT5 5000K: P205L18J
Package Info	25.19" x 25.59" x 4.33"	49.61" x 25.59" x 4.33"
PC/ Master Pack	2	2
Weight	12.58 LB	23.19 LB

OPTIONAL ACCESSORIES

Type	Image	Size
Surface Mount Kit		Available in 2x2 and 2x4
Emergency Back Up		Available in 8W and 15W

ORDERING CODE DEFINITION

EXAMPLE: HY-PB-30W2X2-40K-P

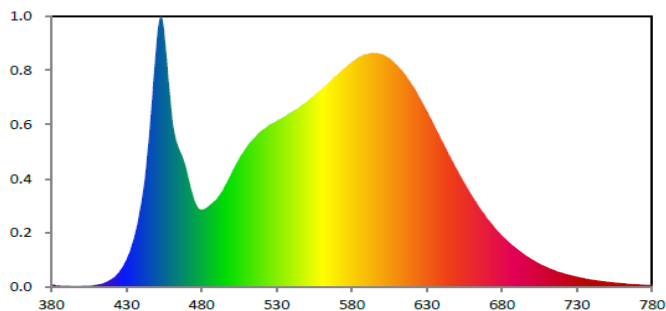| Company Code	Product	Power	Size	CCT	P
HY	PB: LED Backlit Panel	30W	2x2	40K: 4000K 50K: 50000K	P: DLC Premium Listed
		40W	2x4		

PRODUCT DIMENSION

2X2
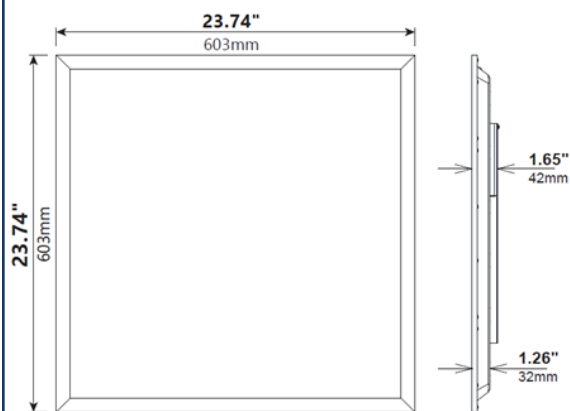
2X4

PHOTOMETRIC REPORT

30W

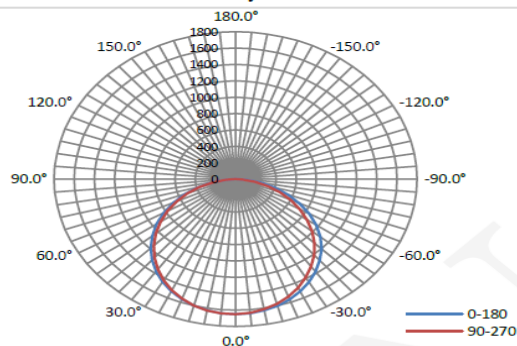### Spectral Power Distribution

Luminous Intensity Distribution

- 0-180
- 90-270
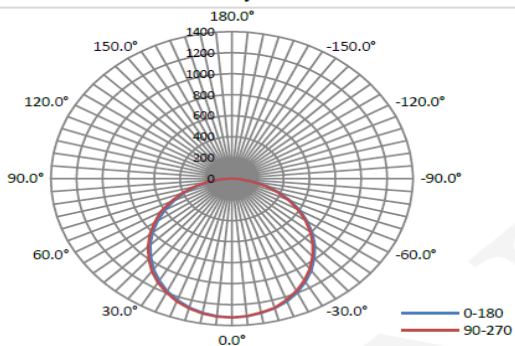
40W

Spectral Power Distribution

Luminous Intensity Distribution

- 0-180
- 90-270
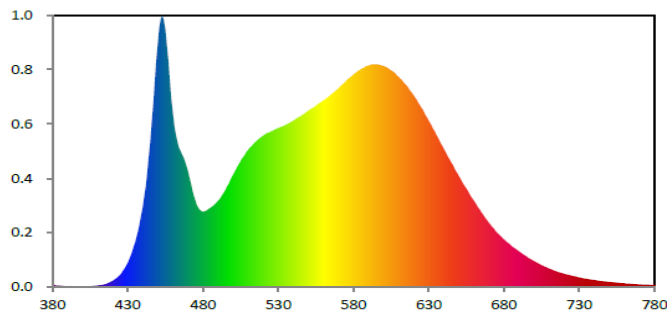
WIRING GUIDE

1. Remove the knock down hole on box by screwdriver
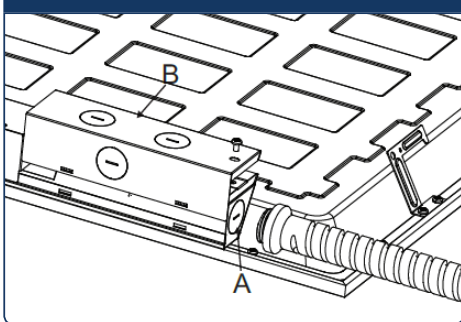
2. Connect the wire as the picture showing

JUNCTION BOX

Dim-(Gray)	Dim-(Gray)
AC-L(Black)	AC-L(Black)
AC-N(White)	AC-N(White)
GND	GND
Dim+(Purple)	Dim+(Purple)

metal tube
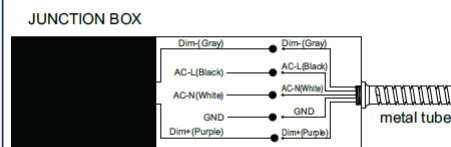
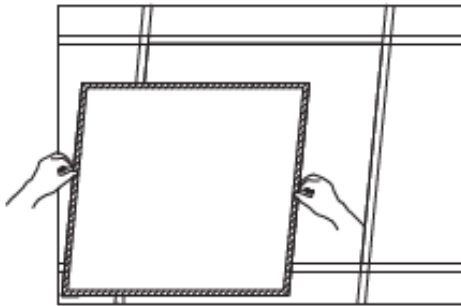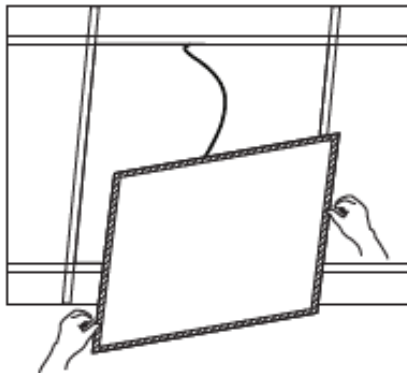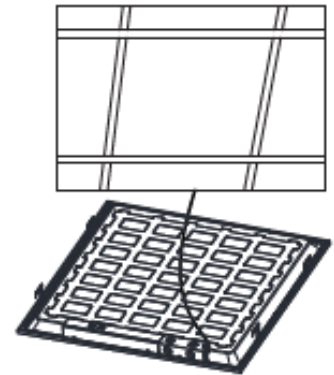### 3. Cover the driver box and tighten it
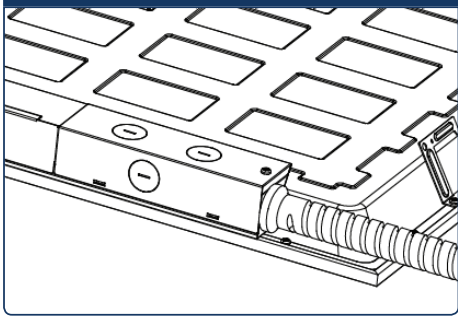
RECESSED
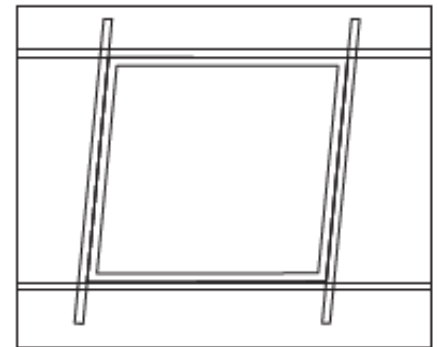
① Remove the ceiling plaster slab.

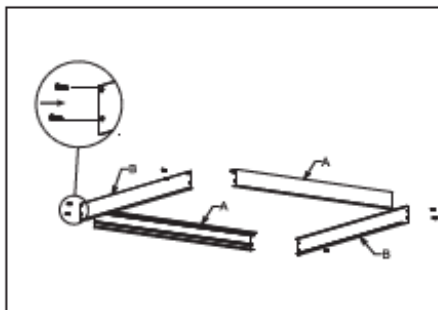② Feed the main AC wire in driver terminal block respectively, connect the panel light and driver.

③ Fix the panel light into plaster ceiling.

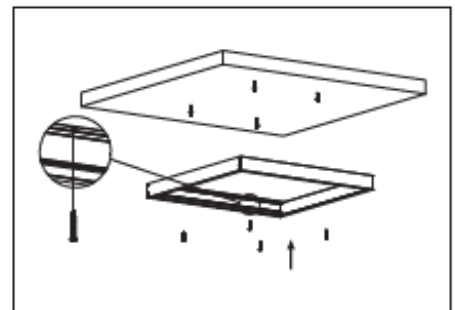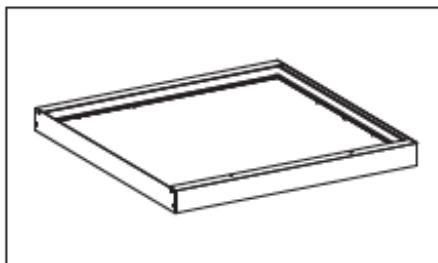④ Make sure the led panel light is firmly fixed, turn on the power.

SURFACE MOUNTED

① Assemble the surface mounted frame and fix by screws.

② knock the plastic anchor into ceiling, fix the surface mounted frame on the ceiling by screws.

③ Unscrew the side frame then take out, connect the panel light to power supply, insert the panel light into the frame.

④ Fix the side frame back by screw.

⑤ Make sure the frame and panel light are firmly fixed, turn on the power.