

FEATURE

- Back lit design providing even, glare-free light distribution
- High lumens efficiency to 130LM/W
- Flicker-free: eyesight protection
- Option: available with emergency backup kit
- Recessed, surface mount or suspende installations



•OPTION
Emergency Back Up
Available in 8W and 15W



APPLICATION

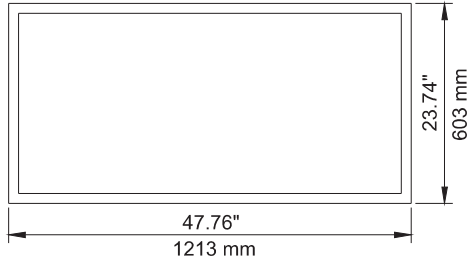
- offices, schools, showrooms, airports, retail, locations, and healthcare facilities

Specifications				
Model No.	RY-PB-2X2P-3W3CCT	RY-PB-2X4P-3W3CCT	RY-PB-2X22P-3W3CCT-EM	RY-PB-2X4P-3W3CCT-EM
Power:	20W/30W/40W	30W/40W/50W	20W/30W/40W	30W/40W/50W
Size:	2'x2'	2'x4'	2'X2' EMERGENCY	2'X4' EMERGENCY
Input Voltage:	120-277 VAC			
Dimming	0-10V Dimmable			
Lumens	2600LM/3900LM/5200LM	3900LM/5200LM/6500LM	2600LM/3900LM/5200LM	3900LM/5200LM/6500LM
Protection Rating	IP20 (For Indoor Use Only)			
Power Factor:	>0.9			
Beam Angle	110°			
CCT:	3000K/4000K/5000K			
CRI:	>80			
Working Life:	Lumen Maintenance over 70% @ 50,000+ Hours			
Oper. Temperature	-13°F ~+113°F / -25°C ~+45°C			
Certification	DLC Premium / ETL			

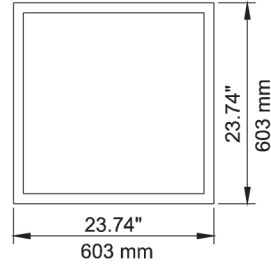


PRODUCT DIMENSIONS

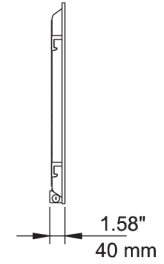
2x4 Front View



2x2 Front View



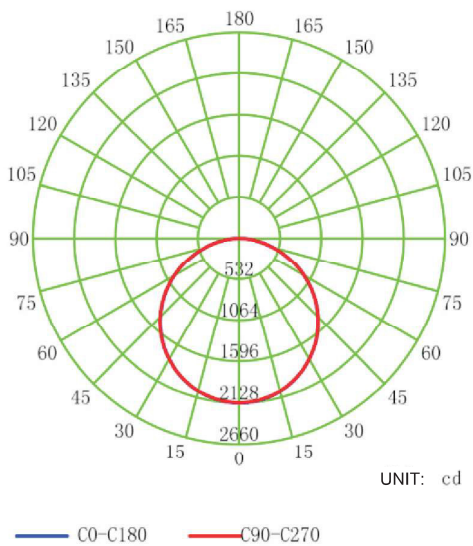
Side View



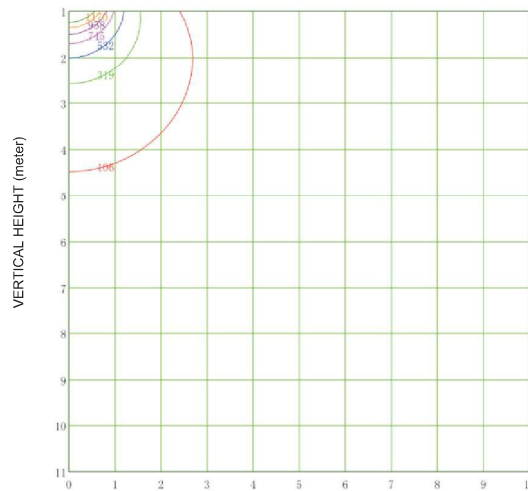
PHOTOMETRIC REPORT

2X4 50W LED BACKLIT PANEL

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



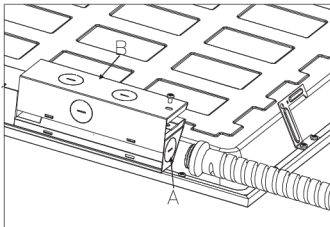
VERTICAL EQUILUMINOUS CURVE



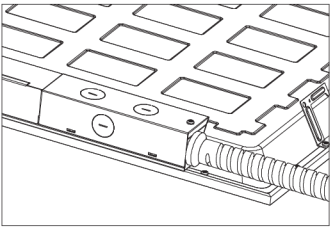
HORIZONTAL DISTANCE (meter)

MINIMUM ALTITUDE 1.0 M
MAXIMUM ALTITUDE 11.0 M
MAXIMUM ILLUMINATION 2128.1 lx

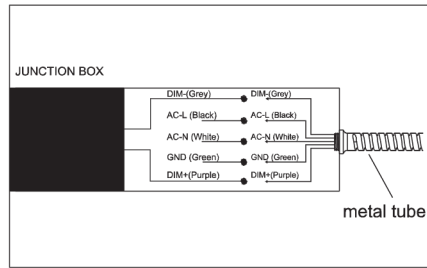
— (5%): 106.4 lx	— (15%): 319.2 lx
— (25%): 532.0 lx	— (35%): 744.8 lx
— (45%): 957.7 lx	— (55%): 1170.5 lx
— (65%): 1383.3 lx	

WIRING GUIDE


(1) Remove the knock-down hole on box by screwdriver (Part A), Remove screw and take out the driver cover (Part B)

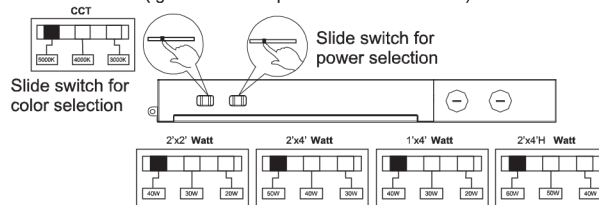


(3) Cover the driver box and tighten it with a screwdriver, finish connection.



(2) Connect the wire as the picture showing.

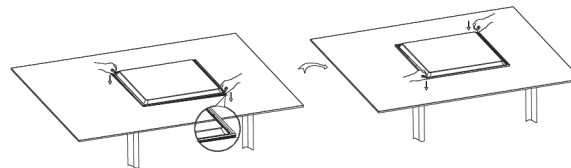
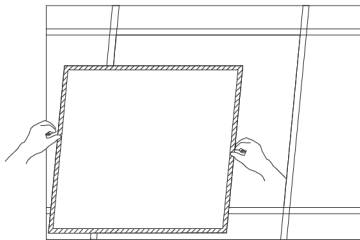
For the product with Slide Switch of CCT or power selection, please select the CCT or power needed before installation. (Ignore these steps if without the function)


INSTALLATION INSTRUCTION

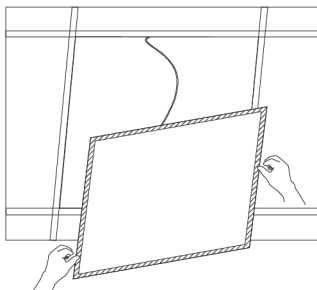
Lamp inspection before installation:
please adjust the lamp with below steps before installation:

1. Press the opposite angles at the same time;
2. Press another two opposite angles at the same time, make sure the four angles are flat, then start the installation.

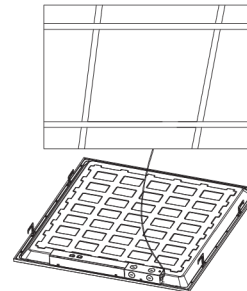
Take out the lamp from the box and put it in a flat table, if the lamp upwarps,


Recessed


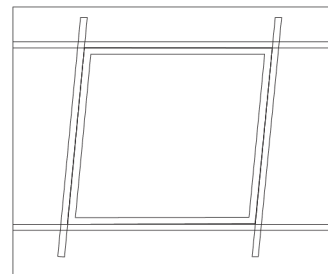
① Remove the ceiling plaster slab.



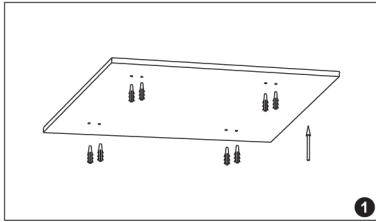
③ Fix the panel light into plaster ceiling.



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

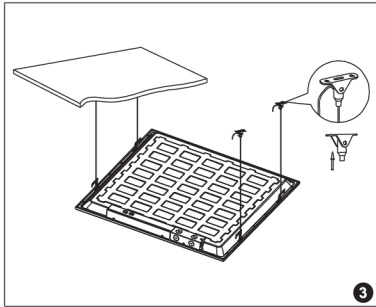
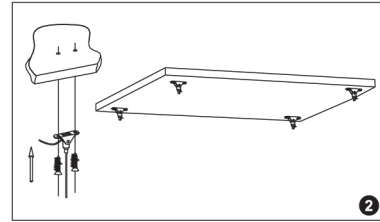


④ Make sure the led panel light is firmly fixed, turn on the power.

Suspended


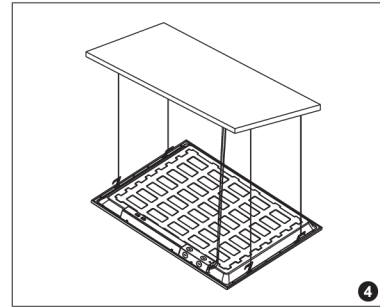
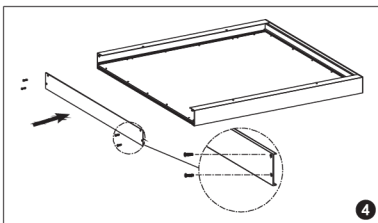
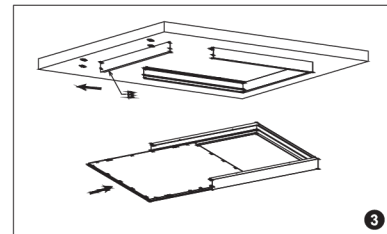
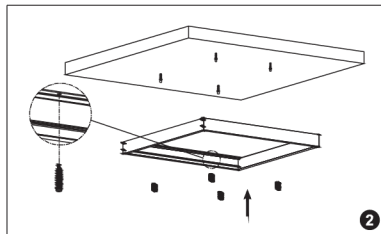
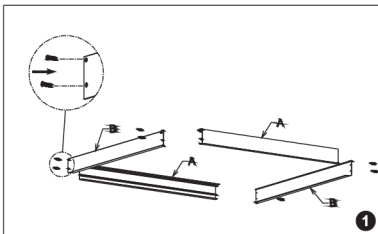
place on the ceiling.
Fix the anchor into target

②
on the ceiling with plastic
anchor.
Fix the installation mount



suspended installation kits, adjust
the length of steel wires.
Hang the panel to ceiling with

driver terminal block respectively,
turn on the power.
Feed the main AC wire in


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.

Recessed Mounting(Clips)

①

②

Cut Out Sizes		
Type	A(mm)	B(mm)
PL2X2	578	578
PL1X4	1188	278
PL2X4	1188	578

Clips should be purchased separately as an accessory

WARNING:
Input wire diameter $\geq 0.75\text{mm}^2$;
Product modification and improper installation are not valid for warranty!