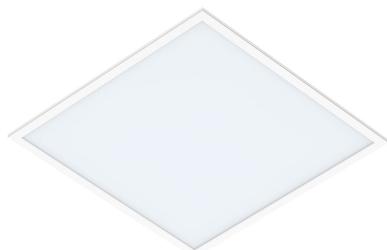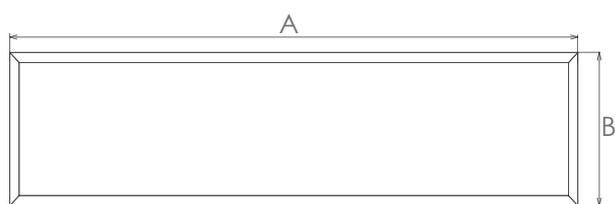**PL-C01 led panel series**

- IP20, IP54 and IP65 available
- On/off, Triac dim, DALI dim available
- PC diffusor, PMMA diffusor availabhle
- UGR>21 and UGR<19 are available
- Motion sensor, emergemncy available.
- Instant start, no noise, no flickering
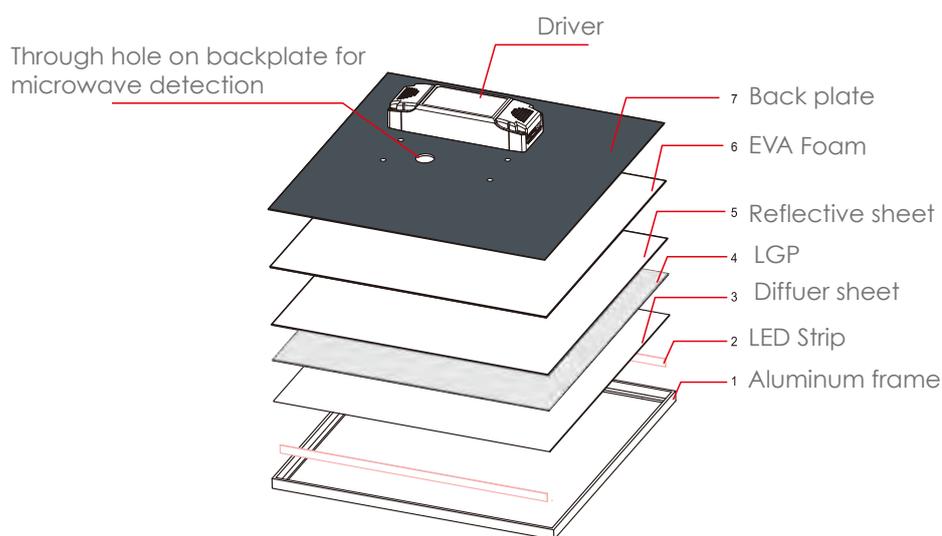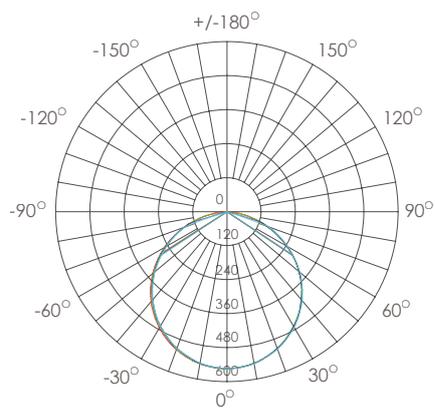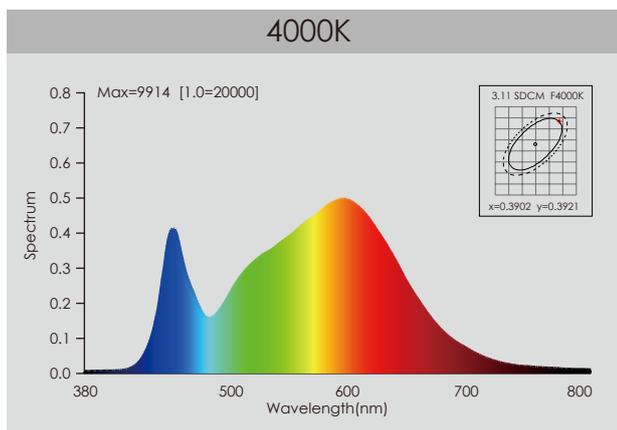- Environment friendly, without Mercury or hazardous substances

➡ *Dimension Drawing*

Model	A	B	C
FM-PL-E01-606	595mm	595mm	10mm
FM-PL-E01-626	620mm	620mm	10mm
FM-PL-E01-123	1195mm	295mm	10mm

Customized sizes:

795*192mm	600*250mm	100*2400mm	200*900mm
1195*195mm	1545*180mm	150*2400mm	200*1200mm
1250*185mm	1565*322mm	200*2400mm	200*1500mm
1560*185mm	1213*313mm	300*2400mm	200*1800mm
1643*192mm	2205*200mm	640*185mm	300*900mm
1718*192mm	1250*200mm	1253*313mm	300*1200mm
1218*288mm	1250*285mm	1590*285mm	300*1500mm
1525*282mm	1200*185mm	1590*195mm	300*1800mm
1200*250mm	1468*268mm	660*285mm	Others.....

Through hole on backplate for microwave detection

Driver

7 Back plate
6 EVA Foam
5 Reflective sheet
4 LGP
3 Diffuer sheet
2 LED Strip
1 Aluminum frame

Photometric diagram

4000K

Max=9914 [1.0=20000]

3.11 SDCM F4000K
x=0.3902 y=0.3921

Spectrum vs Wavelength(nm)

+/-180°

UNIT: cd

— C0/180, 113.8 deg
— C30/210, 113.3 deg
— C60/240, 112.9 deg
— C90/270, 112.7 deg

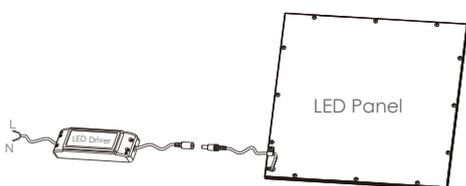AVERAGE BEAM ANGLE (50%): 113.1DEG

Technical specification

| LM/80 | 120° | Up 100° / Down 120° | WW NW CW Color changeable | DALI Dimmable | Emergency | Sensor | CRI ≥80 | IP40 | PF 0.9 | HOURS 50000 |

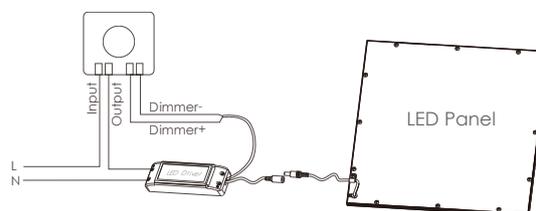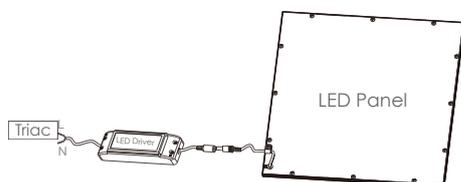| Item	Parameter	Item	Parameter
Power	40W	Input Voltage	AC200-240V
Lumen output	4400lm	THD	<17%
CRI	RA80+	PF	>0.90
Frame	no grooves	Starting time.	<0.5S
Aluminum white	RAL9016/9010	Working temperature	-20°C~45°C
DIffusor	PC UGR<19	Warranty	5 years
Dimmable	On/off, DALI	Mac Adam	<5

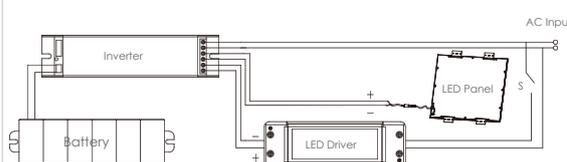# Connection

Male and female connectors

Standard version

LED Driver
L
N
LED Panel

0/1-10V dim version

Input
Output
Dimmer-
Dimmer+
L
N
LED Panel

Triac-dim version

Triac
N
LED Driver
LED Panel

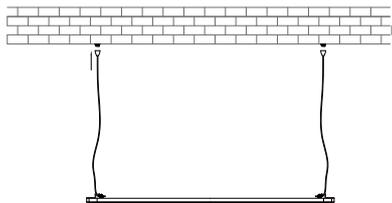### Emergency version

AC Input
L
N
Inverter
Battery
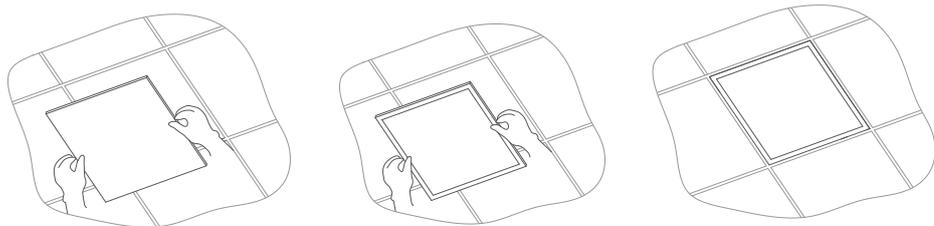LED Driver
LED Panel
S

Installation

Suspended installation.

① Take the steel cable cross ceiling fixture, Nail bulge plugs to the hole, fix Ceiling fixture by screw.
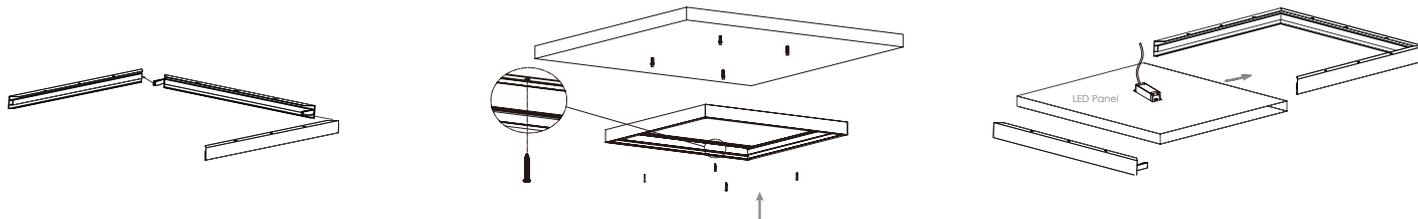
② Hang up the 4 sets suspension kits.

Recessed installation (without clip)

① Remove the ceiling plater, connect the power line, then put LED panel on the ceiling screens.
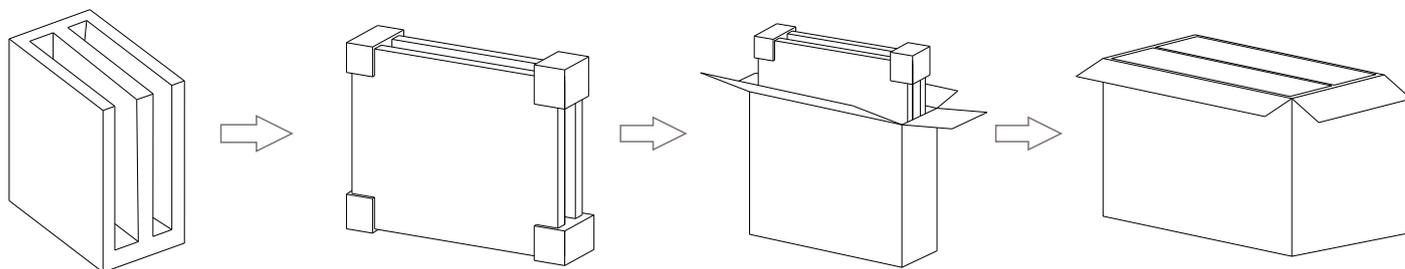
Surface mounted installation

① Use the L shape Steel connector to connect each Aluminum frame

② Use screw to install the frame on the ceiling

③ Slide the panel light into the surface mounting frame, then mount the final aluminum profile of the frame.

Package

	Q'ty/CTN	N.W. /PCS (kg)	Size(mm)/CTN	G.W. (kg)/CTN
FM-PL-C01-606	6pcs	3.50kg	680*680*255	22.00
FM-PL-C01-626	6pcs	4.00kg	700*700*255	25.00
FM-PL-C01-123	6pcs	4.00kg	1280*380*255	25.00