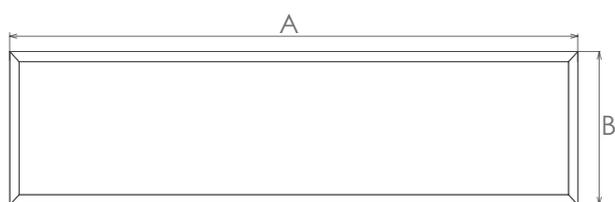**PL-S01 Sensor led panel series**

- Motion sensor, PIR, Daylight available
- Tuya, Camsambi and dimming available
- PC diffusor, PMMA diffusor availabhle
- UGR>21 and UGR<19 available
- PS/MS/PMMA LGP available.
- Instant start, no noise, no flickering
- Environment friendly, without Mercury or hazardous substances

➤ Dimension Drawing

Model	A	B	C
FM-PL-S01-606	595mm	595mm	10mm
FM-PL-S01-626	620mm	620mm	10mm
FM-PL-S01-123	1195mm	295mm	10mm

➤ Photometric diagram

4000K

Max=9914 [1.0=20000]

3.11 SDCM F4000K
x=0.3902 y=0.3921

Spectrum — Wavelength(nm)
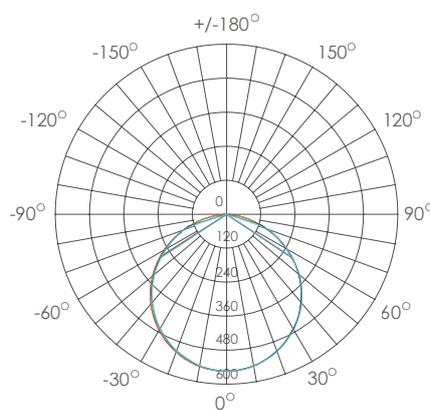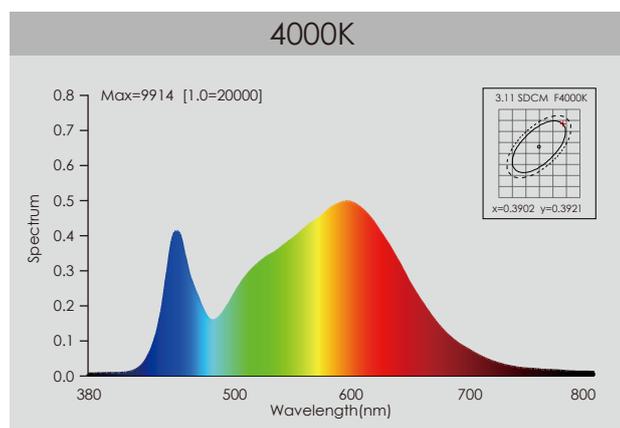
UNIT: cd
— C0/180, 113.8 deg
— C30/210, 113.3 deg
— C60/240, 112.9 deg
— C90/270, 112.7 deg

AVERAGE BEAM ANGLE (50%): 113.1DEG

Technical specification
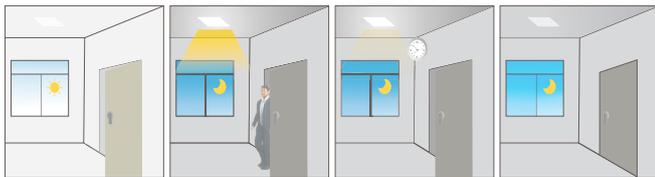
LM/80	120°	((·)) Sensor	DALI Dimmable	Emergency	CRI ≥80	IP40	PF 0.9	HOURS 50000

| 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	RAL9016/9003	Working temperature	-20°C~45°C
DIffusor	PC UGR<19	Warranty	5 years
Dimmable	On/off, DALI	Mac Adam	<5

# Connection

PIR sensor

1. If no human movement is detected, the lamp will keep off status.

2. If human movement is detected, lamp will turn on and keep a setting lux.

3. If human left the detection area, after the hold time, the lamp will enter into a second lux (lower setting lux).

4. If no human movement is detected within the second lux hold time, the lamp will turn off.

Photo sensor
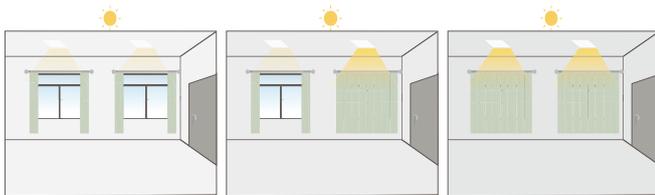
The lamp will adjust the brightness automatically according to ambient light. If ambient light is strong, the lamp will adjust to a lower lux; if the ambient light is low, the lamp will adjust to a stronger lux.
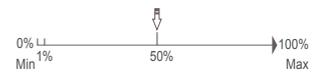
PIR+Photosensor
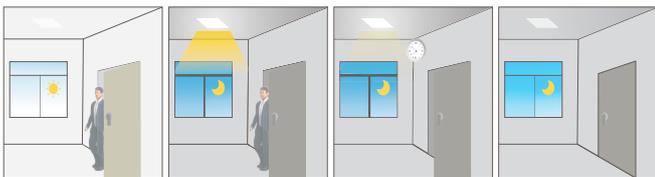
1. If ambient light is sufficient, lamp keeps OFF status.

2. If ambient light is insufficient, lamp will turn on @photo sensor setting lux when motion is detected.

3. After motion left the detection area, the lamp will dim to a lower lux within hold time.

4. After the hold time, the lamp will turn OFF.
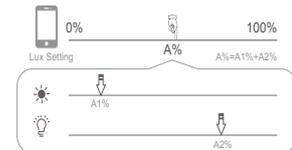
Highlights
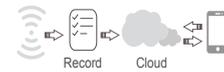
- Sensor Switch
  (ON/OFF)

- Brightness Adjustable
  0% ... 1% Min ... 50% ... 100% Max

- CCT Adjustable
  2700K   4000K   6500K

- Daylight sensor
  0% ... A% ... 100%
  Lux Setting ... A%=A1%+A2%
  A1%
  A2%

- Time setting

- Record
  Record   Cloud

- Electricity consumption

- Distance Adjustable

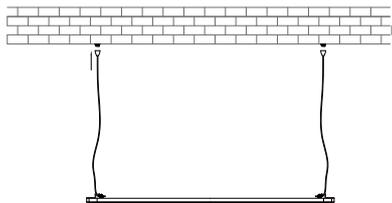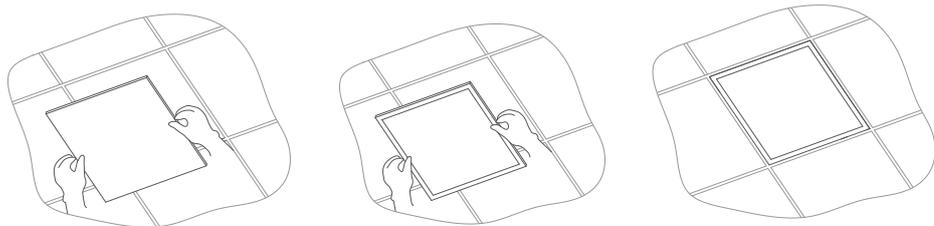| Height	Minor Movement	Major Movement	Grade
	R1	R2	-
3m	2m	2.5m	High
	1.2m	1.8m	Middle
	0.6m	1m	Low
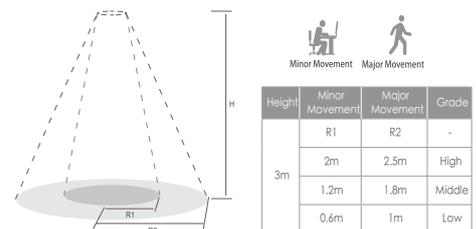
➤ Installation

Suspended installation.

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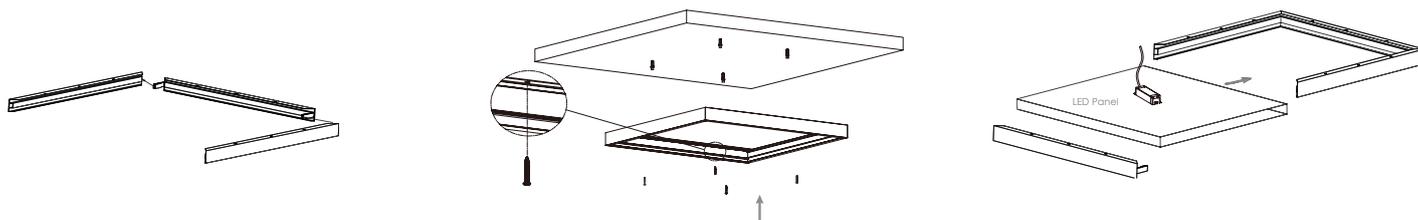
② Hang up the 4 sets suspension kits.

Recessed installation (without clip)

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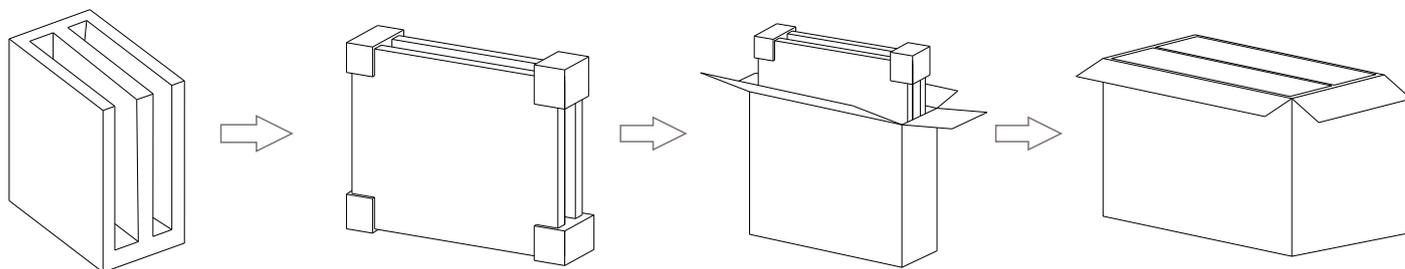
Surface mounted installation

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-S01-606	6pcs	4.50kg	680*680*275	28.00
FM-PL-S01-626	6pcs	5.00kg	700*700*275	32.00
FM-PL-S01-123	6pcs	5.50kg	1280*380*275	35.00