OstroluxX

Luxon

The Luxon LED Panel Light is a premium lighting solution engineered for energy efficiency, durability, and superior visual comfort. Designed with LUMILEDS SMD2835 technology, it provides a consistent and uniform light output, ensuring bright and glare-free illumination across a wide area. With a slim profile and modern aesthetics, it blends seamlessly into offices, schools, hospitals, retail outlets, and commercial spaces.

Built to last, the panel delivers an impressive lifetime of over 50,000 hours, drastically reducing maintenance costs and ensuring long-term reliability. The advanced driver system operates with a power factor greater than 0.9 and THD <15%, guaranteeing stable performance and energy savings.

Technical Data

TYPE	L05 / L06 / L07
Size（mm）	L595*W595*H32 / L595*W1195*H32 / L595*W595*H32
Input	AC200～240V
Frequency domain	50/60 Hz
Power (W)	30W / 72W
Lumen efficiency	100Lm/w
Lumens (lm)	L05 : 30W/2800lm , L06 : 72W/7900lm , L07 : 30W/3000lm
Power Factor (PF)	＞0.9
THD	<15%
CCT	3000K / 4000K / 6500K
CRI	Ra≥80
SDCM	<6
Beam Angle	120°
UGR	UGR<23
LEDs	LUMILEDS SMD2835
Life Span (Hrs)	≥50000H
Material	Aluminium+Iron+PS+PMMA
Body color	White
IP	IP20 / IP54

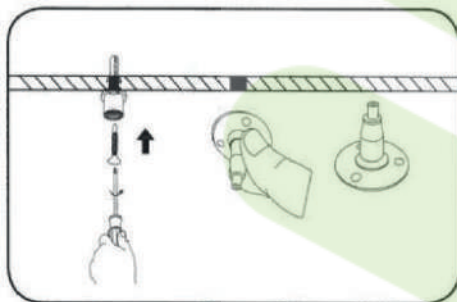| Operating temperature	-20ºC ~ 45ºC
Operating humidity	10% ～ 90% R.H.
Stocking temperature & humidity	-40ºC ~ 80ºC , 5% ~ 95% R.H.

Product Dimension & Line image（mm）
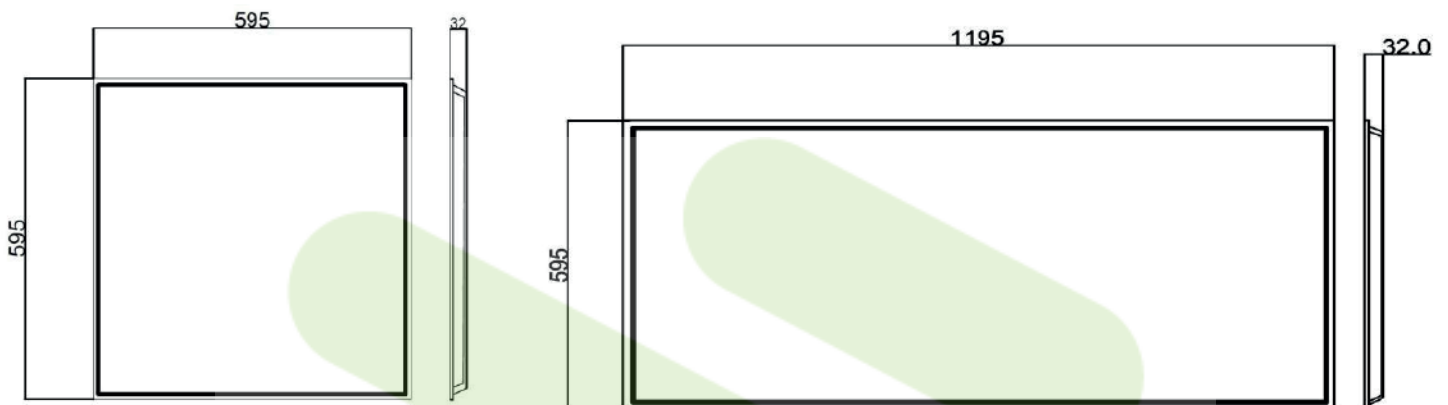
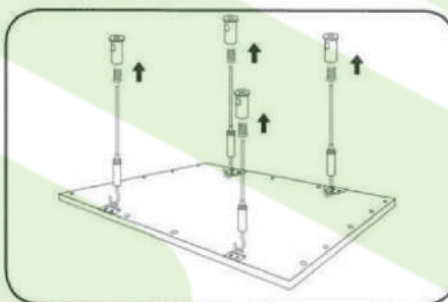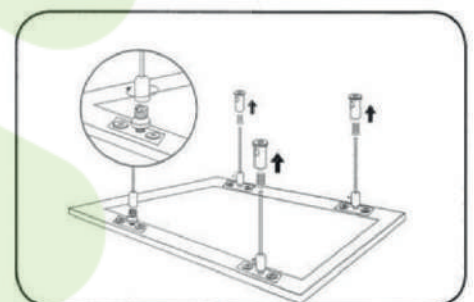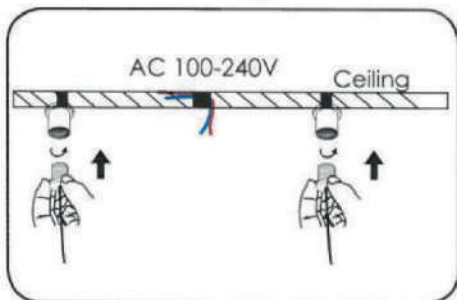# Installation Methods

Pendent (Suspended)

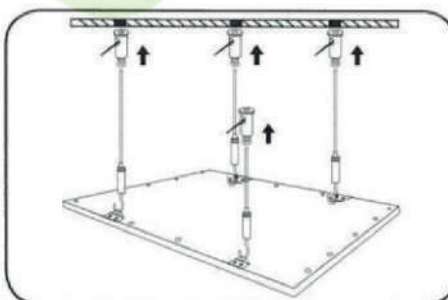1. Use screw to fix the circular wall base on the ceilinag
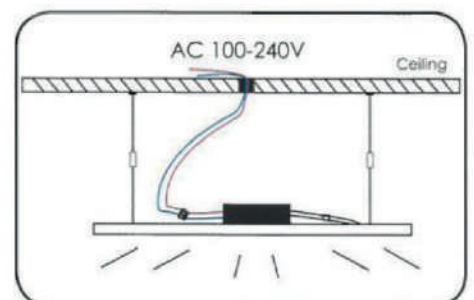
2.1 Use hook hooks in the triangular circuit loop

2.2 Fix double end screw in the frame, screw the nut next
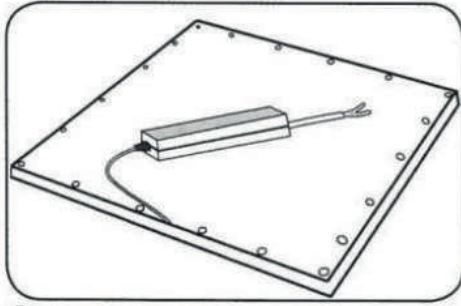
3. Screw the suspended cable to the ceiling fixture

4. Fix the LED panel to the ceiling and make final adjustmetns for desired height

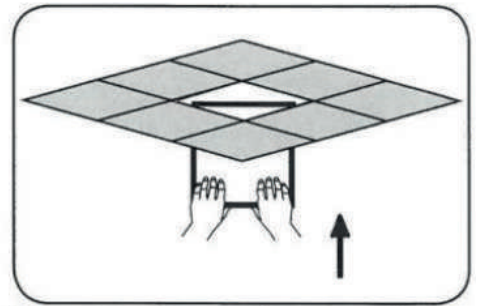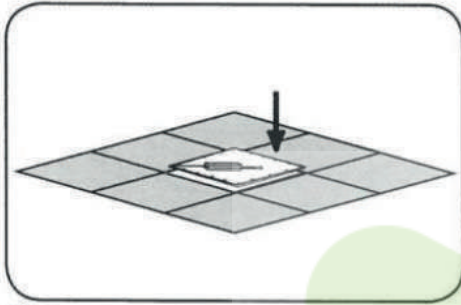5. Connect the LED driver to AC mains power

Recessed (Lay in T-Bar)

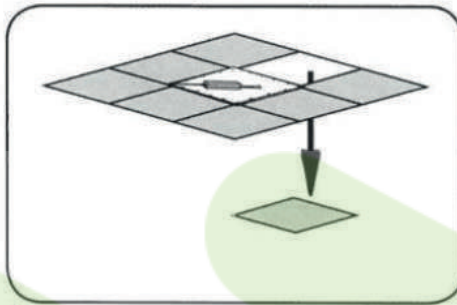**1** Connect the LED panel cable and place the driver on the back of the led panel
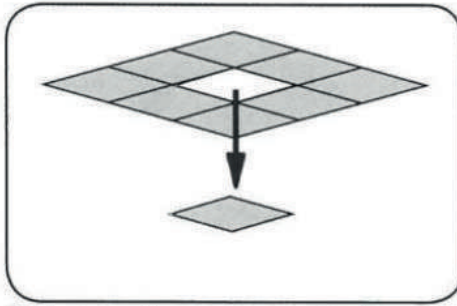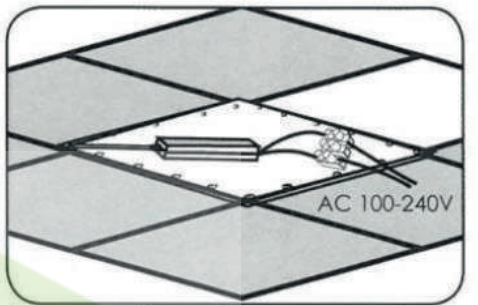
2 Remove the gypsum ceiling board

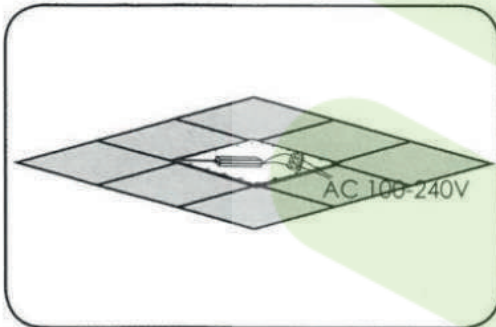**3** Insert the LED panel into the ceiling grid

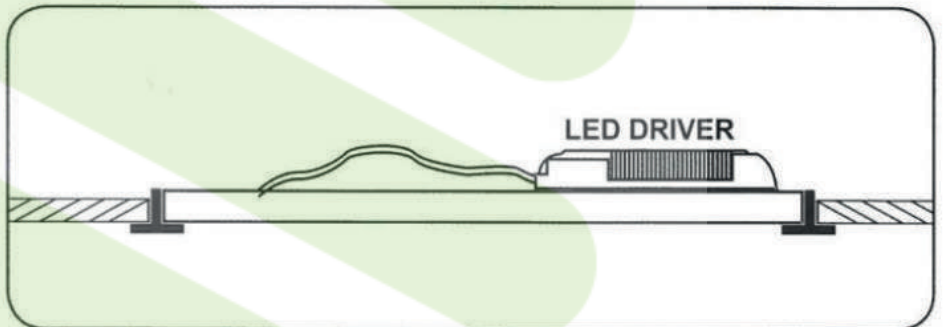**4** Ensure the LED panel sit evenly inside of the T-bar ceiling grid

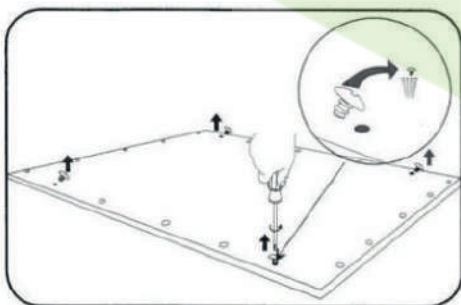**5** Remove a gypsum ceiling board next to the led panel
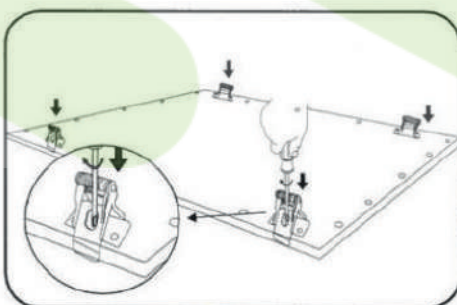
6 Connect the LED driver to AC mains power

AC 100-240V

7 Replace the ceiling panel to complete installation
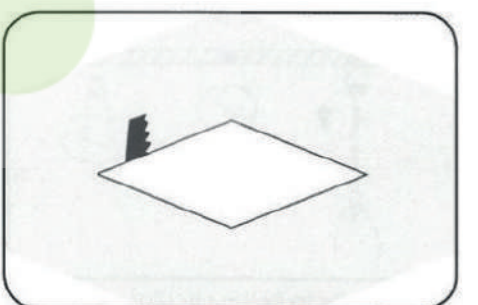
LED DRIVER

AC 100-240V
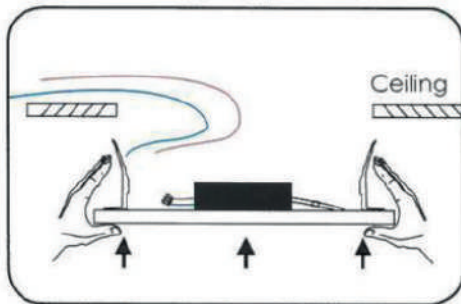
Spring Recessed Cut Hole Ceiling

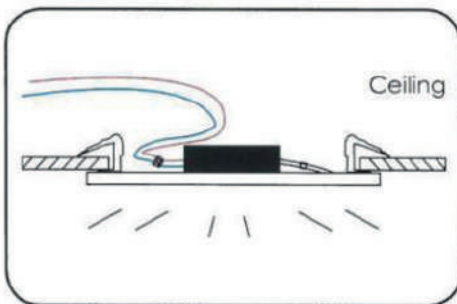**1** Unscrew the screws from appointed position used to fix the spring

2 Place the springs in position and reinstall the screws

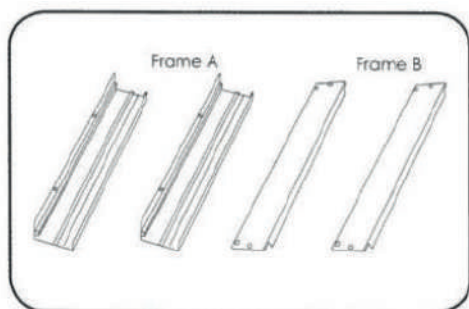**3** Cut a hole in the ceiling according the cutout dimension of the panel

4 Connect the LED driver to AC mains power. Push the led panel into the ceiling cavity with the springs raised.
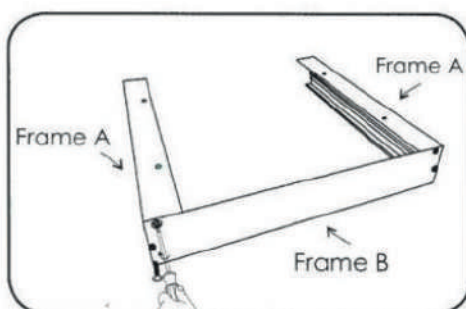
Ceiling

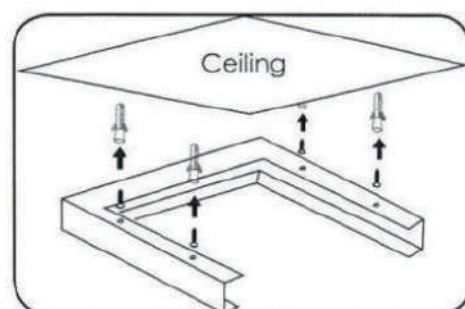**5** Complete installation

Ceiling

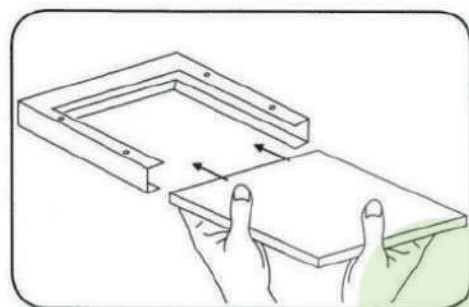# Surface Ceiling Mounting

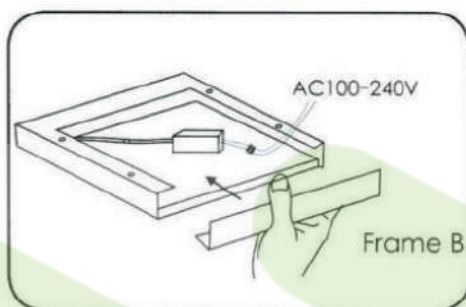**1** Identify the two frame types as illustared above (Type A and B)
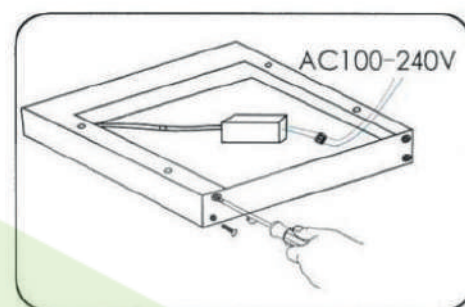
2 Fix the two A frame together with one B frame

3 Mount the frame to the ceiling

4 Slide the led panel into the frame

5 Fix the other B frame in the ends of the A frames

6 Fix the B frame with the screws and complete