

LNOVO

UGR<19 IP20



- Recessed or surface mounted Diffused LED Luminaire with High Uniformity
- Microprismatic system to Low glare (UGR<19).
- White Painted Aluminium frame with reflective sheet (PET) and Opa Plate diffuser.

Technical Data

Luminaire Type-安裝方式 Tipo de luminaria	Recessed & Surface & Suspended Mounted嵌入式, 明裝或吊裝 Empotrado y superficie y suspendido montado			
Power Consumption with LED Driver LED燈具包括LED驅動電源功率 Consumo de energía con controlador de LED	• 22W • 28W • 30W • 36W • 40W • 50W • 60W			
Input Voltage / 輸入電壓Voltage de entrada	220-240V/AC 50/60Hz (with remote driver)			
LED Driver Type LED驅動款式 Tipo de controlador LED	Remote-type LED Driver--Constant Current LED Driver Refer to LED driver specification 請參閱LED驅動器規格 Consulte la especificación de controlador de LED 1. ON/OFF Switch AC220-240V 50/60HZ 2. 1-10V Dimming Driver AC220-240V 50/60HZ 3. Dali Dimming 0-100% Driver AC220-240V 50/60HZ			
LED Driver Features Constant Current LED Driver: 驅動特性-恆流LED驅動器 Funciones del controlador de LED	• POWER FACTOR : PF>0.95 • TOTAL HARMONIC DISTORTION: THD< 20% • Refer to LED Driver data sheet			
Control Protocol/控制協議/Protocolo de Control	• 1-10V / Dali / Dali2			
Light Source Brand-光源品牌-Fuente de luz de marca	SMD			
"Lumen Maintenance LM-80 Reported by TM-21"@ 25°C	L70 > 60,000 hrs			
LED Life-LED壽命-La vida del LED	>60,000 hours			
Color Temperature -色溫Temperatura del color	2700K/ 3000K / 3500K 4000K / 5000K			
Color Rendering Index-顯色指數 Índice de reproducción cromática	>80 >90			
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning ellipse	Standard Deviation Colour Matching < 3 SDCM 標準偏差配色< 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM			
Beam Angle光束角ángulo de haz	120 °			
Luminaire Efficacy燈具效率 La eficacia de la luminaria	• 110 Lm/w(2700K) Lm/w(5000K)	110 Lm/w(3000K)	130 Lm/w(3500K& 4000K)	130
LED Source Luminous EfficacyLED光源光效 Fuente luminosa LED Eficacia	• 180 Lm/w(2700K) Lm/w(5000K)	180 Lm/w(3000K)	200 Lm/w(3500K& 4000K)	200
Housing materials外殼材料Materiales de la carcasa	Aluminum Alloy Trim and Opal Polycarbonate diffuser 鋁合金框片和乳白PC擴散器 (PMMA導光板) Embellecedor de aleación de aluminio y difusor de policarbonato opalino			
Housing Color 外殼顏色 color de la carcasa	White (RAL9016)Painted Aluminium frame and Opal Polycarbonate Diffuser 白色(RAL9016)鋁框和 PC擴散板			
Ingress Protection-防護等級 Protección de ingreso	IP20			
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-20 °C / +50 °C			
Operating Humidity /工作濕度/Humedad de funcionamiento	0~90%, non-condensing-不結霜sin condensación			
Dimension尺寸 Dimensión	L: 1195mm x W: 595mm x H: 10mm (H: 40mm with LED Driver box) / 5.6 kg			
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaries: LVD: IEC/EN 60598-1;EN / IEC/EN 60598-2-1;IEC62471;IEC/EN 62031; IEC/EN 62493 ; IEC/EN 62471 (Risk Group 1) LED Driver: IEC/EN 61347-1; IEC/EN 61347-2-13; IEC/EN 62384; IEC/EN 61000-3-2; IEC/EN 61000-3-3;IEC/EN61574;EN 55015 ; IEC /EN 62384			
Certification-認證-Certificación	      			

Project	Fixture#	Date
		Firm



Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [LNOVO-60W](#)

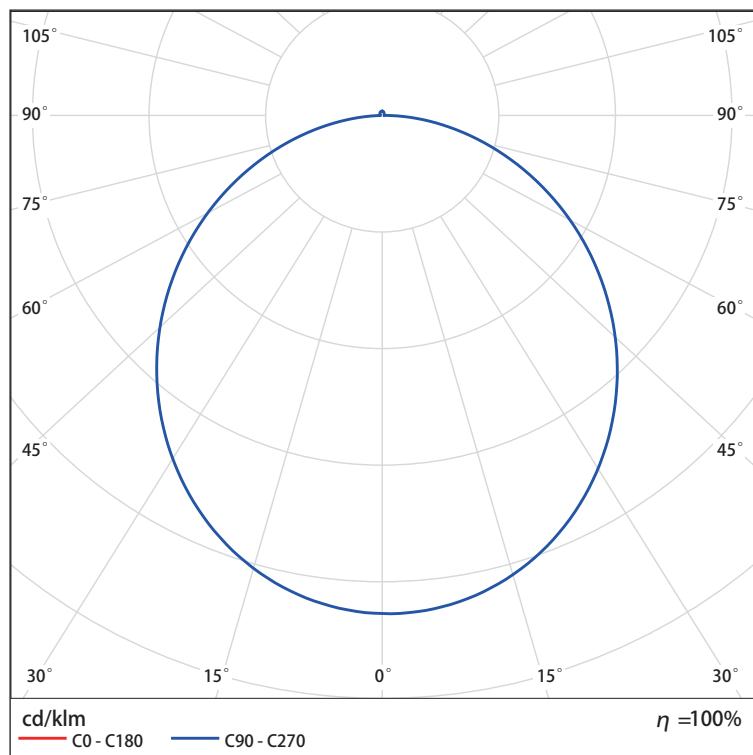
LNOVO - -

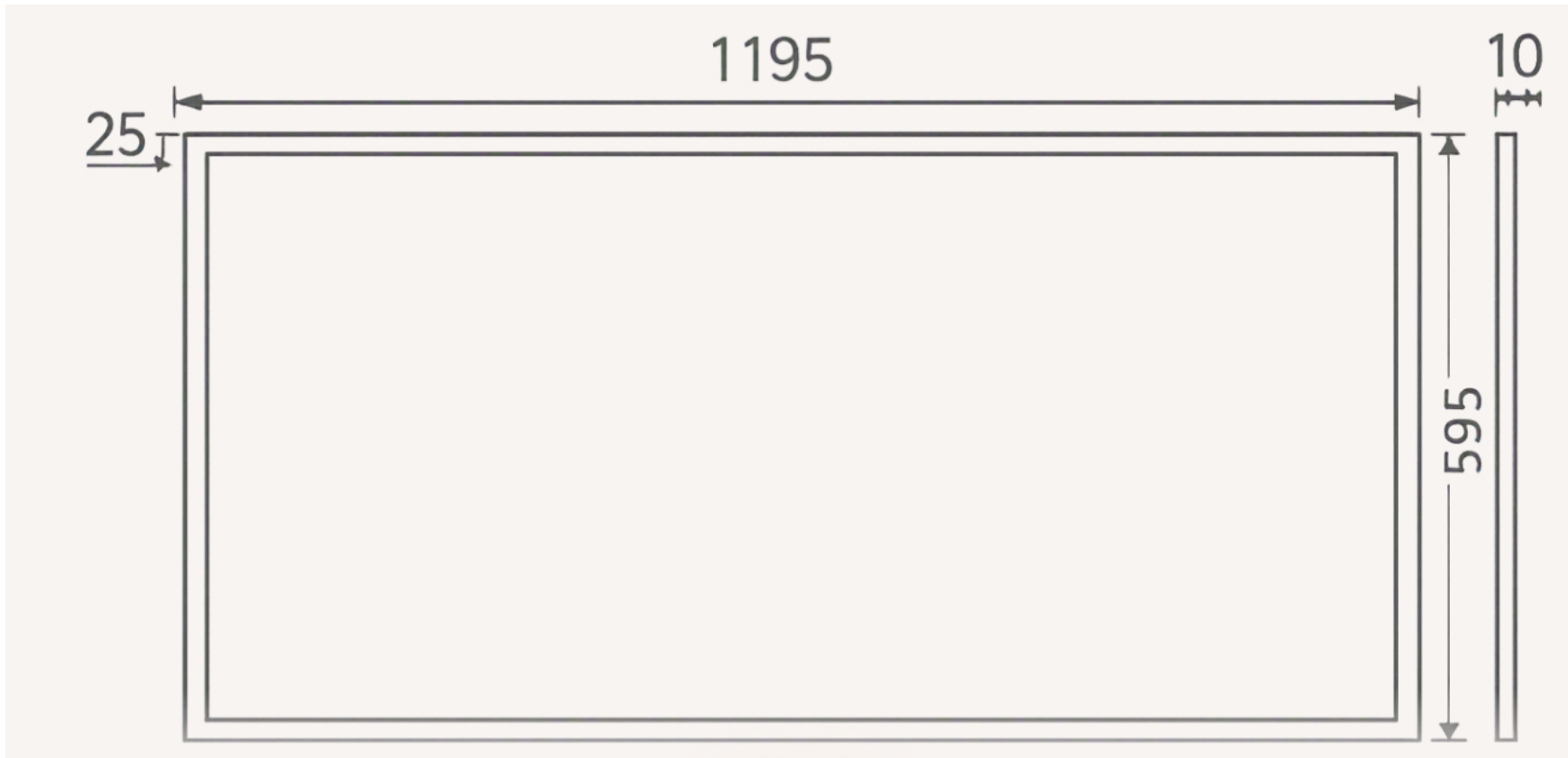
POWER
CONSUMPTION

POWER CONSUMPTION	
Code	Description
22W	22W
28W	28W
30W	30W
36W	36W
40W	40W
50W	50W
60W	60W

BEAM ANGLE

120°

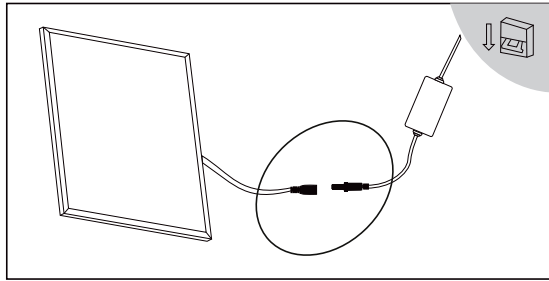




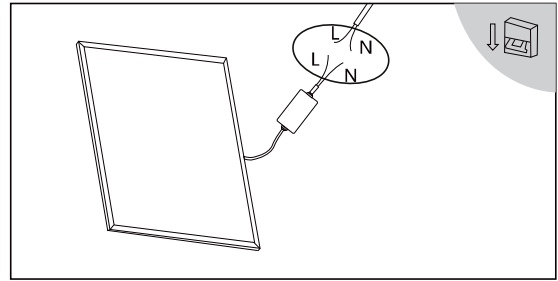
Unit: mm

Panel Connection Diagram

Reversing connection may cause lighting delay



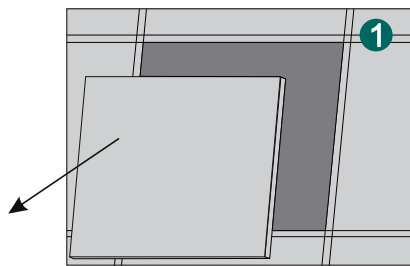
1.Connect driver to the panel



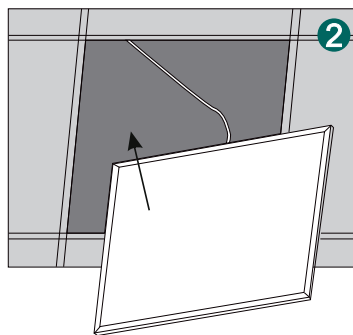
2.Then connect with city power(L-L;N-N)

Recession Installation

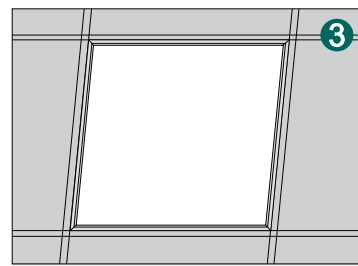
Customers can choose safety rope to avoid lamp falling caused by uncertain factors(earthquake,etc).



1.Remove the plasterboard from the ceiling.

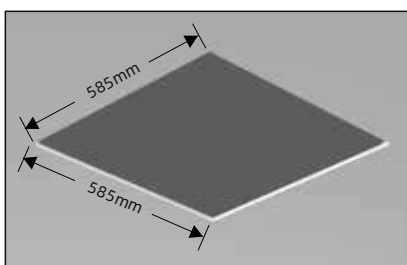


2.Fix the panel into ceiling.

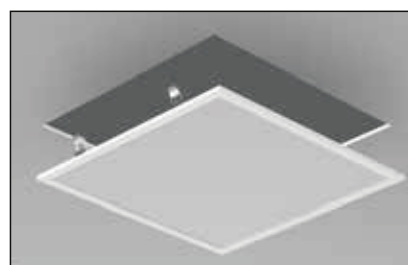


3.Installation finished.

Spring Installation



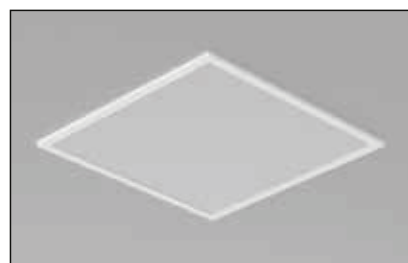
1. Open a hole on the ceiling with a size 585x585mm



2.Pull up the springs

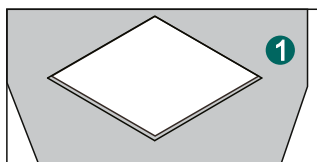


3..Install the panel to the hole

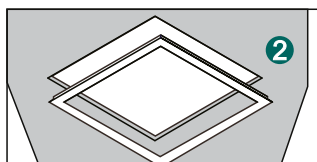


4.Fix the panel to the ceiling

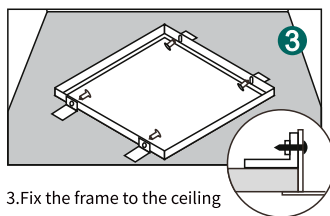
Recessed Frame



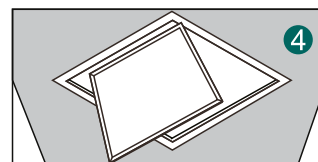
1. Open a hole on the ceiling.



2. Fix the frame to the hole.



3. Fix the frame to the ceiling with the screws and "L" accessory.

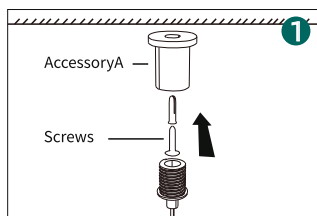


4. Put the panel into the frame.

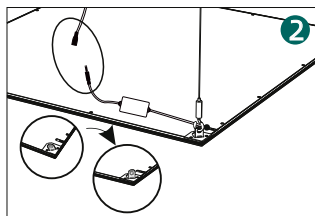
Suspension Installation



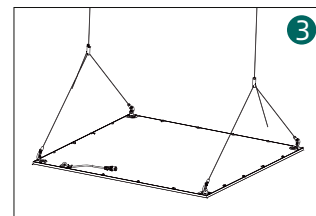
■ Panel 600x600



1. Screwing accessories A in ceiling



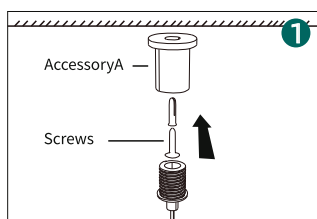
2. Upward hook on 4 corners, for suspending



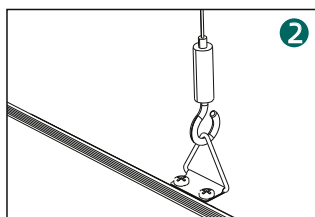
3. Finished installation



■ Panel 300x1200 600x1200



1. Screwing accessories A in ceiling

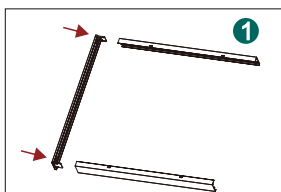


2. Triangle rings for hooks

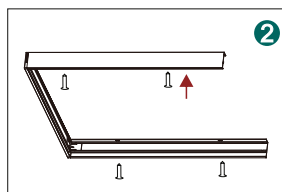


3. Finished installation

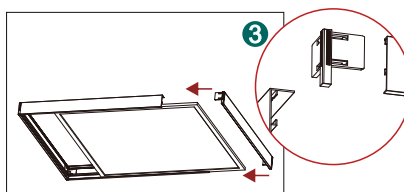
Surface Mounted Frame



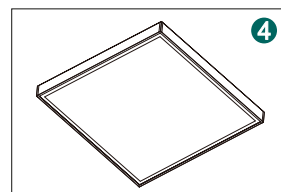
1. Assemble the 3 pieces of frame by metal bracket.



2. Fix the square frames in to ceiling with Screw.



3. Insert the panel into frames and fix the cover plate frame.



4. Finished frame installation.