

PONEE-IP66



16W-72W H:12mm UGR<19 IP66



ISO 14644-1 classified Clean-room













- Tailored for cleanroom which is classified by ISO 14644-1
- Optional standard for Health Care COI<3.3 Cyanosis Observation Index (COI) is less than 3.3, which is fully compliant to AS1680.2.
- Application for perating highly hygienic facilities – in hospitals, laboratories, and certain production environments, dust-free luminaires that meet all applicable lighting requirements and norms.
- The luminaire's high color rendering properties ensure the top-class optical performance required in e.g. clinical areas in hospitals and other areas where it is crucial to be able to distinguish between colors.

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16W-72W H:12mm UGR<19 IP66

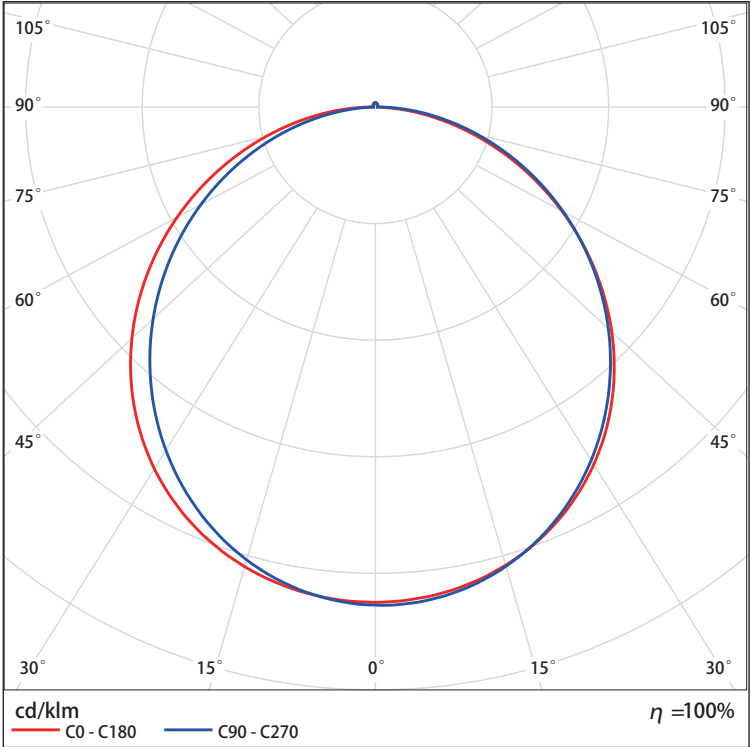
Technical Data

Luminaire Type-安裝方式/Tipo de luminaria	Recessed Mounted or Surface Mounted Type 嵌入式面板燈或明裝式面板燈 Empotrable o de superficie tipo		
Power Consumption with LED Driver LED燈具包括LED驅動電源功率 Consumo de energía con controlador de LED	<ul style="list-style-type: none"> • 16W@ L: 595mm x W: 595mm • 20W@ L: 595mm x W: 595mm or L: 295mm x W: 1195mm • 24W@ L: 595mm x W: 595mm or L: 295mm x W: 1195mm • 30W@ L: 595mm x W: 595mm or L: 295mm x W: 1195mm • 34W@ L: 595mm x W: 595mm or L: 295mm x W: 1195mm • 36W@ L: 595mm x W: 595mm or L: 295mm x W: 1195mm or L: 595mm x W: 1195mm • 40W@ L: 595mm x W: 595mm or L: 295mm x W: 1195mm or L: 595mm x W: 1195mm • 45W@ L: 595mm x W: 1195mm • 54W@ L: 595mm x W: 1195mm • 60W@ L: 595mm x W: 1195mm • 64W@ L: 595mm x W: 1195mm • 72W@ L: 595mm x W: 1195mm 		
Input Voltage / 輸入電壓/Voltaje 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 AC 220-240V 50/60HZ 2. 1-10V Dimming Driver (1%-100%) AC220-240V 50/60HZ 3. Dali 1 or Dali 2 Dimming Driver(1%-100%) AC220-240V 50/60HZ 4. ZIGBEE Wireless Control (Remoted Driver) AC100-240V 50/60HZ 5. Emergency Backup >2 hours or >3 hours @ < 12 charger hours 應急電池/Copia de seguridad de emergencia		
Control Protocol/控制協議/Protocolo de Control	1-10V / Dali 1 / Dali 2 / ZIGBEE Wireless Control		
LED Driver Features Constant Current LED Driver:驅動特性-恆流LED驅動器 Funciones del controlador de LED	<ul style="list-style-type: none"> • POWER FACTOR : PF>0.9 or PF >0.95 TOTAL HARMONIC DISTORTION: THD< 20% • Refer to LED driver specification 請參閱LED驅動器規格 Consulte la especificación de controlador de LED 		
Light Source Brand-光源品牌-Fuente de luz de marca	RUNITE SMD LED		
"Lumen Maintenance LM-80 Reported by TM-21"@ 25°C	L70 > 54,000 hrs		
LED Life-LED壽命-La vida del LED	>60,000 hours		
Color Temperature -色溫 Temperatura del color	2700K / 3000K / 4000K / 5000K / 6500K		
Color Rendering Index-顯色指數 Índice de reproducción cromática	<ul style="list-style-type: none"> • >80 • >90 • >95 for Health Care COI<3.3 Cyanosis Observation Index (COI) is less than 3.3, which is fully compliant to AS1680.2 only 		
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning elipse	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	110 °		
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	<ul style="list-style-type: none"> • 110 Lm/w(2700K) • 130 Lm/w(5000K) 	<ul style="list-style-type: none"> 110 Lm/w(3000K) 130 Lm/w(6000K) 	<ul style="list-style-type: none"> 120 Lm/w(4000K) 130 Lm/w(6500K)
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	<ul style="list-style-type: none"> • 140 Lm/w(2700K) • 160 Lm/w(5000K) 	<ul style="list-style-type: none"> 140 Lm/w(3000K) 160 Lm/w(6000K) 	<ul style="list-style-type: none"> 150 Lm/w(4000K) 160 Lm/w(6500K)
Housing materials外殼材料 Materiales de la carcasa	Aluminum Alloy and Polycarbonate Diffuser 鋁合金和PC 擴散罩 Difusor de aleación de aluminio y policarbonato		
Housing Color外殼顏色 color de la carcasa	White Painted Aluminium frame RAL 9016 and Opal diffuser白色RAL 9016 鋁框和乳白擴散罩 Estructura de Aluminio Pintado RAL 9016 Blanco y difusor Opal		
Ingress Protection-防護等級/Protección de ingreso	• IP66		
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK07		
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/ Weight 尺寸/重量 Dimensión/ Peso	<ul style="list-style-type: none"> • L: 295mm x W: 295mm x H: 11.9 mm / 1.0kg • L: 595mm x W: 595mm x H: 11.9 mm/ 2.9kg • L: 1195mm x W: 595mm x H: 11.9 mm / 5.6 kg 	<ul style="list-style-type: none"> L: 595mm x W: 295mm x H: 11.9 mm / 1.6kg L: 1195mm x W: 295mm x H: 11.9 mm / 2.9kg 	
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	         		

BEAM ANGLE

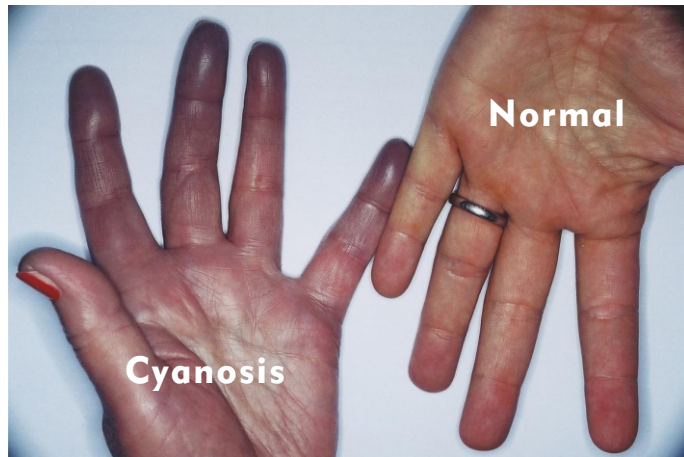
Surface mounted Accessories: P/N: PONEE-SMB

110°



Panel was protected by invisible silicon gasket at both front & back sides

Optional standard for Health Care COI<3.3
Cyanosis Observation Index (COI) is less than 3.3,
which is fully compliant to AS1680.2



Clinical observation is an important part of medical diagnosis, along with the early detection of cyanosis.

The **Cyanosis Observation Index (COI)** for a luminaire cannot exceed a score of 3.3. S24 CR panel was equipped with a tailored & advanced LEDs which can make S24 CR panel a COI rating of 1.2 in average or lower making it optimal for detecting changes in skin tones, meeting universal standards requirement worldwide.

To observe better, to diagnosis earlier, to act earlier, to save lives more!

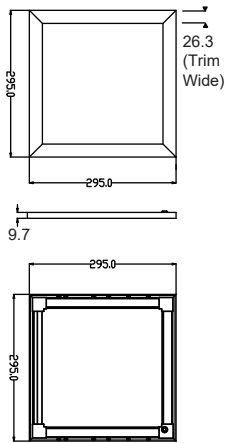


Medical Grade

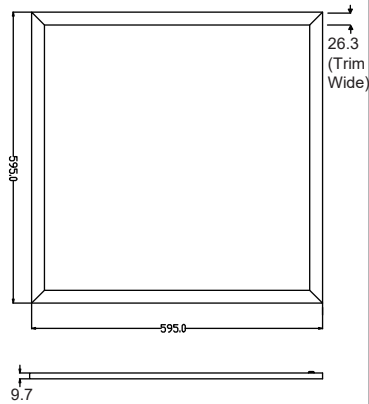
Special industries require specialty lighting, not just any light can be given the responsibility allocated to our medical grade cyanosis lights. The utmost care is taken in their construction and design reflected in their extended warranties.

Technical Drawing

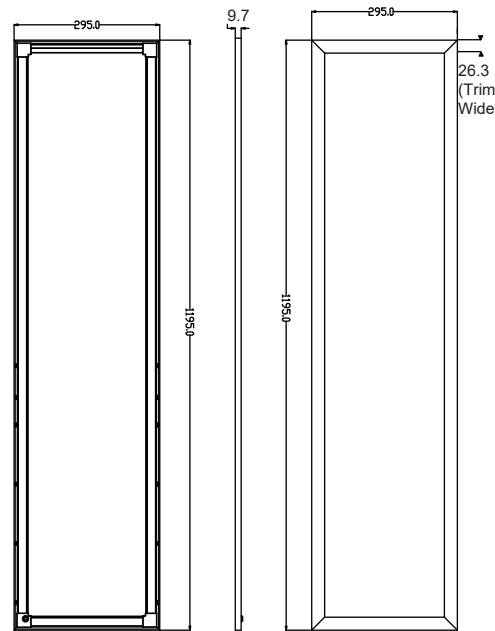
A
295*295 mm



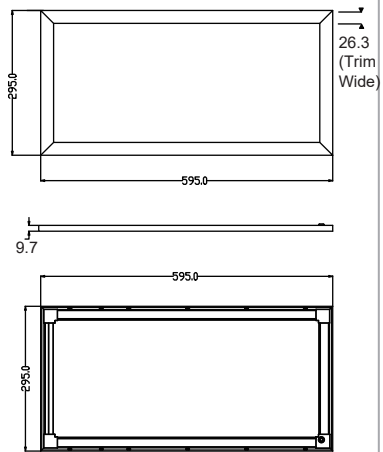
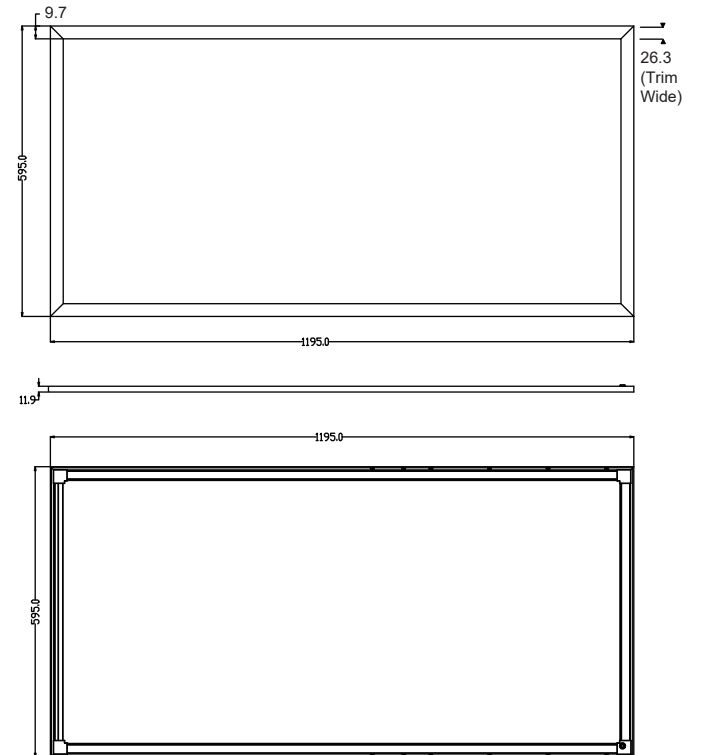
C
595*595 mm



D
1195*295 mm






E
1195*595 mm



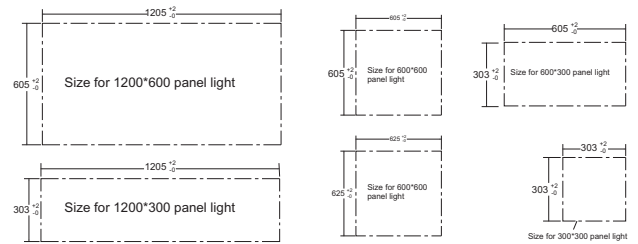
B
595*295 mm

Unit: mm

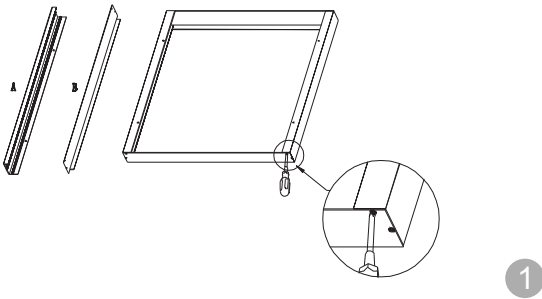
1. Accessory parts

- Raw plug  X4
- Screw (1)  X4
- Screw(2)  X4

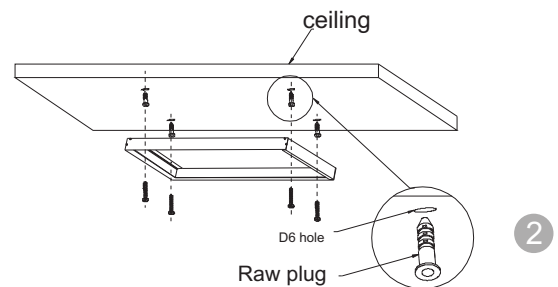
2. The sizes of the frames for corresponding sizes of panel lights



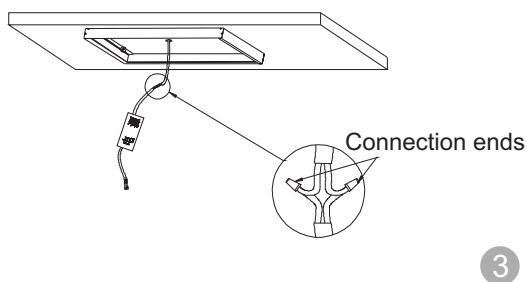
3. Connect the four frames in a square using the screw(2) as per Drawing 1 below



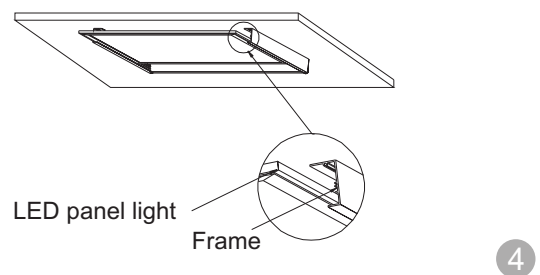
- A. Hold the configured frame to the ceiling and mark four hole position
- B. Drill four D6mm hole according to the marked hole position.
- C. Insert the raw plug into the D6mm holes.
- D. Fasten the frame on the ceiling using screw (1)



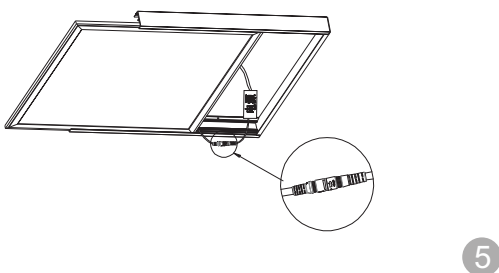
5. Connect the input ends of the driver to those of N/L wire. Make sure the connection is tightly fastened and the power is off before connecting in case of electric shock. (Drawing 3).



- A. Disassemble one Frame B.
- B. Push in the panel light from the open side of the frame
- C. Connect the output end of the driver to the input end of the panel light. (Drawing 4)



7. Put the driver and all the wires at the back of the panel light.



- A. Screw the frame B which is disassembled just now.
- B. Installation is done. (Drawing 6)

