DIMON
TECHNOLOGY

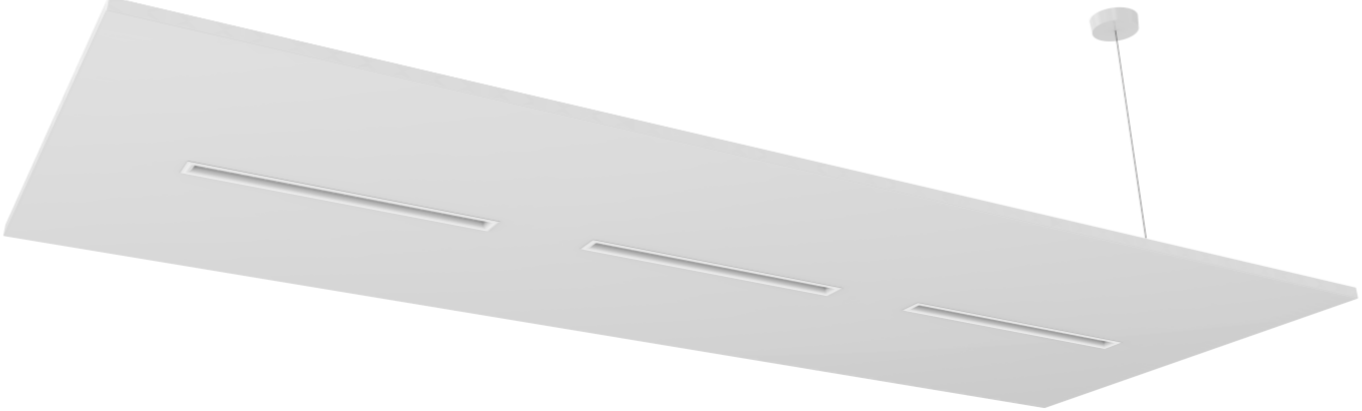
Technical Datasheet

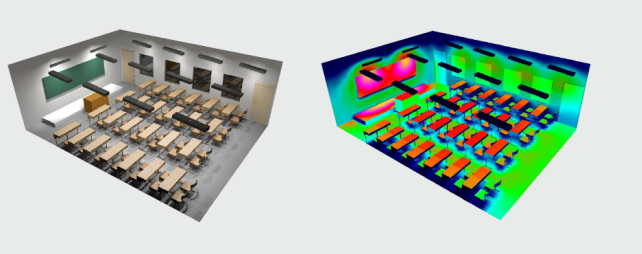
PANCY

30W-72W Max IP40

MODULAR LED TROFFER

PET Lens & ABS Reflector
UGR <19





- LED MODULAR TROFFER with LED module Light Engine to easy maintenance
- Housing: made by iron with powder-coated
- ABS louver with PET Lens system to achieve Low Glare application UGR <19. Integrated-Type ELV, 0-10V, DALI, DMX and RDM LED constant current control gear.

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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
Dimension-尺寸-Dimensión	• L: 2200 x W: 850 x H: 22 mm L: 1195 x W: 595 x H: 22 mm • L: 595 x W: 1195 x H: 22 mm L: 595 x W: 595 x H: 22 mm
Power Consumption with LED Driver LED燈具包括LED驅動電源功率 Consumo de energía con controlador de LED	• 30W @ L: 595 x W: 595mm @ L: 595 x W: 1195mm • 36W @ L: 595 x W: 595mm @ L: 595 x W: 1195mm 45W @ L:1195 x W: 595mm • 60W @ L:1195 x W: 595mm 72W @ L:1195 x W: 595mm • 40W @ L: 2200 x W: 850mm 44W @ L: 2200 x W: 850mm • 48W @ L: 2200 x W: 850mm 54W @ L: 2200 x W: 850mm
LED Driver Type LED驅動款式 Tipo de controlador LED	Remoted-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. ELV Dimming Driver (5-100%) AC 100-120V 50/60Hz or AC 200-240V 50/60HZ 3. 0-10V Dimming Driver AC100-240V 50/60HZ 4. Dali Dimming Driver AC100-240V 50/60HZ 5. DMX Driver AC100-240V 50/60HZ 6. RDM Driver AC100-240V 50/60HZ 7. ZIGBEE Wireless Control AC100-240V 50/60HZ 8. Emergency Backup >2 hours or >3 hours @ < 24 charger hours應急電池/Copia de seguridad de emergencia
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>0.90 @ Full Load TOTAL HARMONIC DISTORTION: THD< 20%
Control Protocol/控制協議/Protocolo de Control	0-10V / Dali / DMX 512 / RDM / ZIGBEE Wireless Control
Light Source Brand-光源品牌-Fuente de luz de marca	OSRAM
"Lumen Maintenance LM-80 Reported by ISTMT and TM-21"	• L70(6k) > 200,000 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	• >80 • >90
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	• 86°
Luminaire Efficacy燈具效率 La eficacia de la luminaria	• 120 Lm/w(2700K) 125 Lm/w(3000K) 130 Lm/w(4000K) • 135 Lm/w(5000K) 135 Lm/w(6500K)
LED Source Luminous Efficacy LED光源光效Fuente luminosa LED Eficacia	• 140 Lm/w(2700K) 145 Lm/w(3000K) 150 Lm/w(4000K) • 155 Lm/w(5000K) 155 Lm/w(6500K)
Housing materials-外殼材料 Materiales de la carcasa	Iron with powder-coated fixture and ABS louver & PET lens 鈑金鐵表面噴粉和ABS格柵&PET透鏡 Plancha con accesorio con recubrimiento de polvo y rejilla ABS y lente PET
Modular Troffer Color 模組格柵顏色 Color de troffer modular	Matte white 啞光白色 Blanco mate
Ingress Protection-防護等級 Protección de ingreso	IP40
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcion amiento	-30 ℃ / +50 ℃
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 TM21 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	CE IP40 0-10V ZigBee® DALI

Project	Fixture#	Date
		Firm

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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: PANCY-44W-SW-40-80-19-M

PANCY - - [ ] - [ ] - [ ] - [ ] 19 - [ ]

Power Consumption	LED Driver Type (Remoted Type)	Color Temperature	COLOR RENDERING INDEX	UNIFIED GLARE RATING	LENGTH

Power Consumption		LED Driver Type (Remoted Type)		Color Temperature		COLOR RENDERING INDEX		UNIFIED GLARE RATING		LENGTH	
Code	Description	Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
30W	30W @ L: 595 x W: 595mm @ L: 595 x W: 1195mm	SW	ON/OFF Switch	27	2700K	80	>80	19	UGR<19	S	S: L: 595 x W: 595mm
36W	36W @ L: 595 x W: 595mm @ L: 595 x W: 1195mm	ELV	ELV Leading Edge Control	30	3000K	90	>90			M	M: L: 595 x W: 1195mm
45W	45W @ L:1195 x W: 595mm	AN	Analog 0 -10V Dimming	40	4000K					L:	L: L:1195 x W: 595mm
60W	60W @ L:1195 x W: 595mm	DA	DALI Dimming	50	5000K					W	W: L: 2200 x W: 850
72W	72W @ L:1195 x W: 595mm	DMX	DMX Dimming	65	6500K						
40W	40W @ L: 2200 x W: 850 x H: 22 mm	RDM	RDM Dimming								
44W	44W @ L: 2200 x W: 850 x H: 22 mm	EM	Emergency Battery								
48W	48W @ L: 2200 x W: 850 x H: 22 mm	ZI	ZIGBEE Wireless Control								
54W	54W @ L: 2200 x W: 850 x H: 22 mm										

BEAM ANGLE

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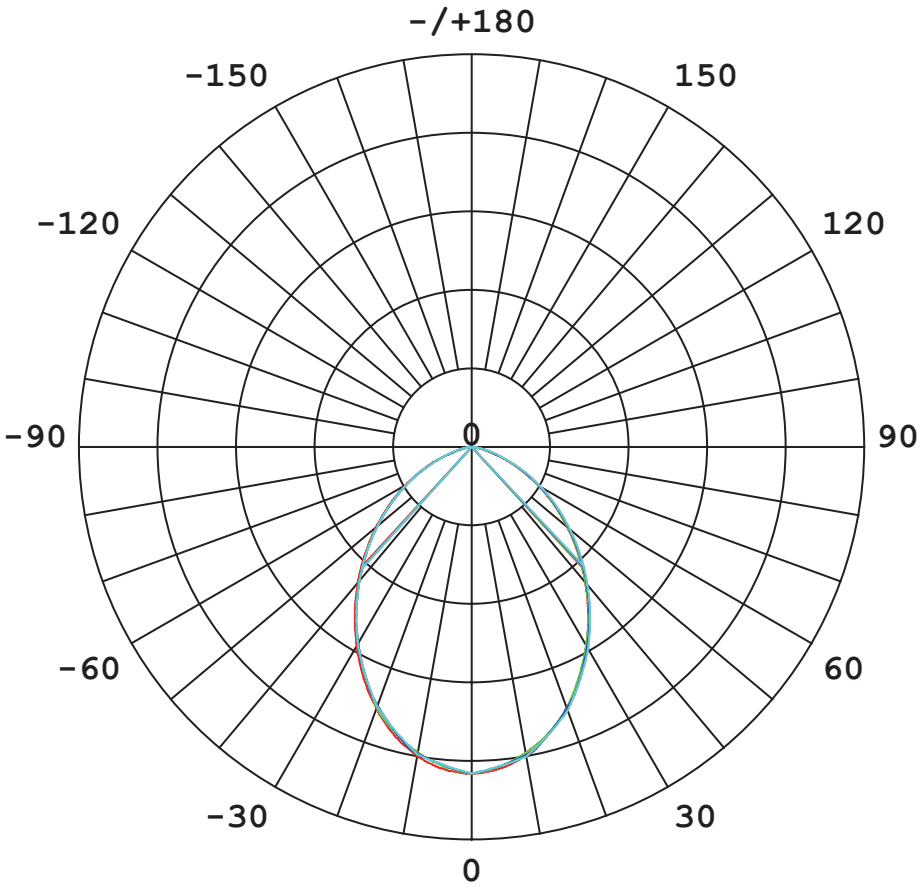

Technical Drawing

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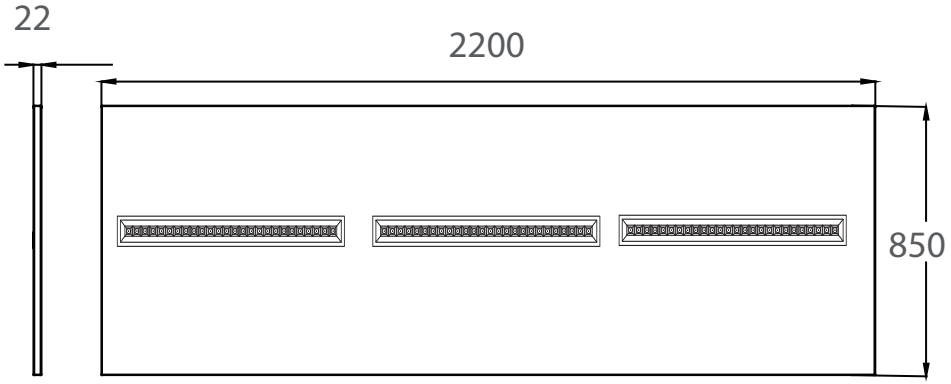
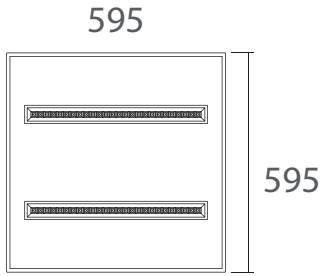
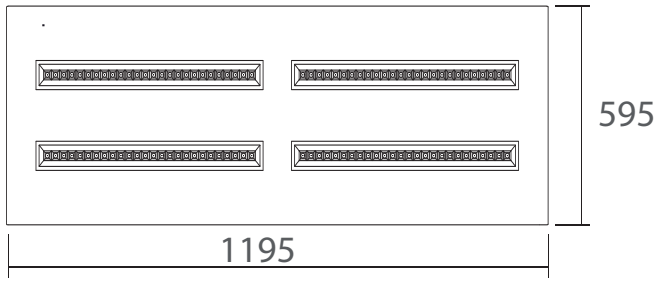


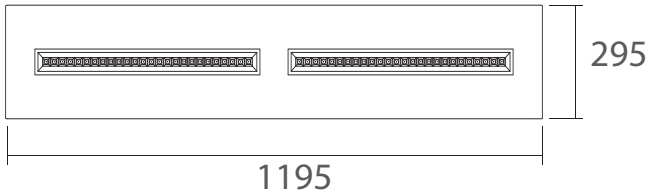
40W & 44W & 48W&54W



30W &36W

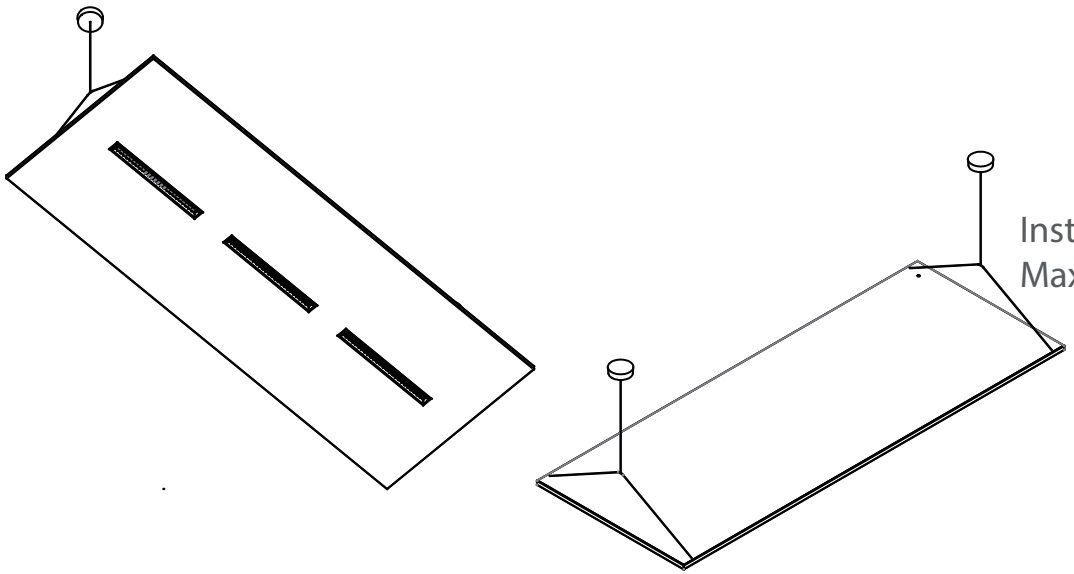


45W & 60W & 72W



30W &36W

Unit: mm



Installtion Steel Wire:
Max 2500mm

PET Lens &
ABS Reflector
UGR <19