

LONON

VANDAL RESISTANT LUMINAIRES FOR T5 LED TUBES



- Applications: Pedestrian Subways; Footbridge; Kiosk Canopy; Cover walkway ect.
- 1 mm Stainless steel body finished in chemical and abrasion resistant textured polyester powder coat.
- Stainless steel security screws.
- Pure aluminum reflector painted in fine textured white.
- Easy installation for T5 LED tube.

Technical Data

Installation method / 安裝方式 / Tipo de luminaria	Surface or Wall Mounted / 表面或壁掛式 Montaje en superficie o en pared
Dimension / 尺寸 / Dimensión	L 630 x W 145 x H 100 mm L 930 x W 145 x H 100mm L1230 x W 145 x H 100mm L1530 x W 145 x H 100mm
Input Voltage / 輸入電壓 Voltaje de entrada	220-240V/AC 50/60Hz
Power Consumption with LED Driver LED燈具包括LED驅動電源功率 Consumo de energía con controlador de LED	Single Tube Batten LED T5 2 feet : 1 x 6W 1 x 7W 1 x 8W 1 x 9W 1 x 10W 3 feet : 1 x 13W 1 x 14W 1 x 15W 1 x 16W 4 feet : 1 x 13W 1 x 14W 1 x 15W 1 x 16W 4 feet : 1 x 18W 1 x 20W 1 x 22W 1 x 24W 5 feet : 1 x 20W 1 x 22W 1 x 24W 1 x 25W 5 feet : 1 x 26W 1 x 28W 1 x 30W 1 x 32W Twin Tube Batten LED T5 2 feet : 2 x 6W 2 x 7W 2 x 8W 2 x 9W 1 x 10W 3 feet : 2 x 13W 2 x 14W 2 x 15W 2 x 16W 4 feet : 2 x 13W 2 x 14W 2 x 15W 2 x 16W 4 feet : 2 x 18W 2 x 20W 2 x 22W 2 x 24W 5 feet : 2 x 20W 2x 22W 2 x 24W 2 x 25W 5 feet : 2 x 26W 2 x 28W 2 x 30W 2 x 32W
LED Driver Type / LED驅動款式 Tipo de controlador LED	Integrate-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 Step (50%, 75%, 85% and 100%) for DC LED T5 3. DALI Dimming Driver AC220-240V 50/60HZ or DC LED T5 4. Microwave sensor / PIR Sensor / Daylight Sensor 5. Emergency Backup >2 hours or >3 hours @ < 12 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 : >0.9 Total Harmonic Distortion: <15%
Control Protocol / 控制協議 / Protocolo de Control	1-10V / DALI / PIR / Microwave sensor
Lumen Maintenance LM-80 Reported by TM-21	L70 > 54,000 hrs
LED Life-LED壽命-La vida del LED	>100,000 hours
Color Temperature - 色溫 Temperatura del color	3000K / 4000K / 5000K / 6500K
Color Rendering Index / 顯色指數 Índice de reproducción cromática	>80
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning elipse	Standard Deviation Colour Matching < 5 SDCM 標準偏差配色< 5 SDCM Coincidencia de color estándar Desviación < 5 SDCM
Beam Angle / 光束角 / ángulo de haz	120°
Luminaire Efficacy / 燈具效率 La eficacia de la luminaria	Clear diffuser: 100 Lm/w (3000K) 110 Lm/w (4000K) 120 Lm/w (5000K) 120 Lm/w (6500K) Milky diffuser: 80 Lm/w (3000K) 90 Lm/w (4000K) 95 Lm/w (5000K) 100 Lm/w (6500K)
LED T5 Tube Luminous Efficacy LED T5 Tube 光效 Eficacia del tubo LED T5	180 Lm/w (3000K) 190 Lm/w (4000K) 200 Lm/w (5000K) 200 Lm/w (6500K) Basing on TUTA- LED T5 Master Version
Housing materials / 外殼材料 Materiales de la carcasa	1 mm Stainless steel body with resistant textured polyester powder Inner Zinc coated steel reflector in white polyester powder coat , Gasket and Milky Polycarbonate 1毫米不鏽鋼主體，表面經耐磨紋理聚酯粉末塗層處理 內部鍍鋅鋼反射器，表面經白色聚酯粉末塗層處理，配有密封墊圈和乳白色聚碳酸酯板
Housing Color / 外殼顏色 color de la carcasa	Matte White RAL9003 / 啞白色 RAL9003 Blanco mateRAL9003
Ingress Protection / 防護等級 Protección de ingreso	IP 65
Impact protection / 衝擊保護 Protección contra impactos	IK 10
Operating Humidity / 工作濕度 Humedad de funcionamiento	0~99%, non-condensing / 不結霜 sin condensación
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-20 °C / +45 °C
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	        

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: [LONON-20W](#)

LONON-VR - -

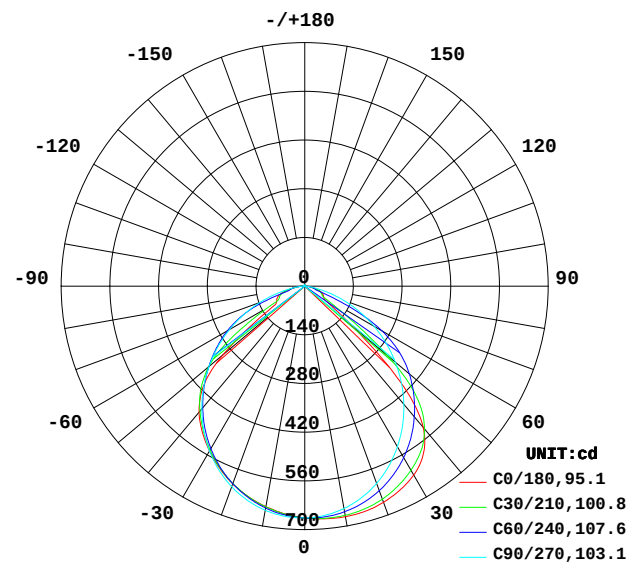
POWER
CONSUMPTION

POWER CONSUMPTION		POWER CONSUMPTION	
Code	Description	Code	Description
6W	1x6W @ L 630mm	12W	2x6W @ L 630mm
7W	1x7W @ L 630mm	14W	2x7W @ L 630mm
8W	1x8W @ L 630mm	16W	2x8W @ L 630mm
9W	1x9W @ L 630mm	18W	2x9W @ L 630mm
10W	1x10W @ L 630mm	20W	2x10W @ L 630mm
13W	1x13W @ L 930mm or @ 1230mm	26W	2x13W @ L 930mm or @ 1230mm
14W	1x14W @ L 930mm or @ 1230mm	28W	2x14W @ L 930mm or @ 1230mm
15W	1x15W @ L 930mm or @ 1230mm	30W	2x15W @ L 930mm or @ 1230mm
16W	1x16W @ L 930mm or @ 1230mm	32W	2x16W @ L 930mm or @ 1230mm
18W	1x18W @ L 1230mm	36W	2x18W @ L 1230mm
20W	1x20W @ L 1230mm or L 1530mm	40W	2x20W @ L 1230mm or L 1530mm
22W	1x22W @ L 1230mm or L 1530mm	44W	2x22W @ L 1230mm or L 1530mm
24W	1x24W @ L 1230mm or L 1530mm	48W	2x24W @ L 1230mm or L 1530mm
25W	1x25W @ L 1530mm	50W	2x25W @ L 1530mm
26W	1x26W @ L 1530mm	52W	2x26W @ L 1530mm
28W	1x28W @ L 1530mm	56W	2x28W @ L 1530mm
30W	1x30W @ L 1530mm	60W	2x30W @ L 1530mm
32W	1x32W @ L 1530mm	64W	2x32W @ L 1530mm

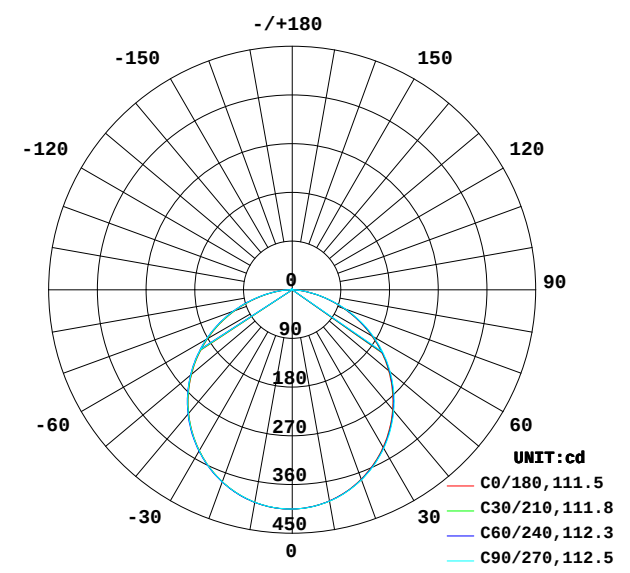


Integrated 0-10V or Dali Dimmable
LED Driver & Selector Switch for
Dimming Output:
Rotary (0/1-10V)Dimming (50%,
75%, 85% and 100%)

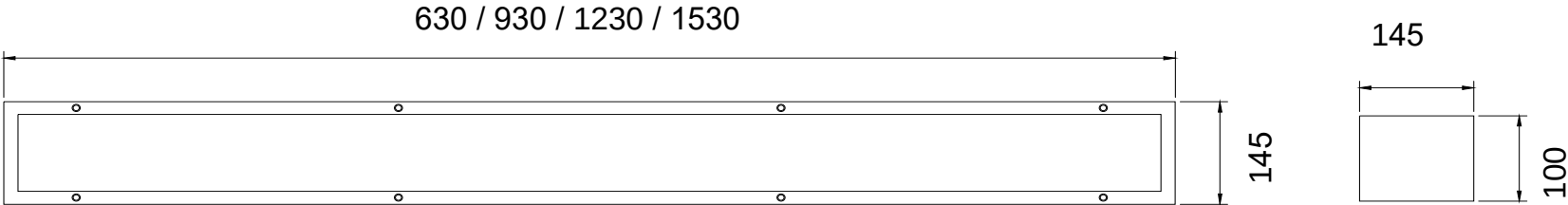
BEAM ANGLE



Clear Polycarbonate



Opal Polycarbonate



Unit: mm