

DSAR-X

SQ100xH105mm 12W IP65



- Aluminum die casting base and heatsink, extruded aluminum alloy body.
- Super white screen printing tempered glass. with high visual comfort light distribution, different optical be option.
- Surface anti-ultraviolet pure polyester powder painting, Corrosion resistance can be more than 1000 hours.
- No photo-biological risk, in accordance with EN 62471:2008.
- The maximum surface temperature of all accessible part under 50 degrees for safety and reliable.

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Technical Data

Luminaire Type- 安裝方式 Tipo de luminaria	Surface Mounted Type 明裝式燈具 Superficie Tipo Montado
Dimension-尺寸-Dimensión	W: 100 x L: 100 x H: 105
Input Voltage-輸入電壓-Voltaje de entrada	AC100-240V 50/60HZ
Power Consumption Max-燈具功率 Consumo de energía Max	12W
LED Driver Type LED驅動款式 Tipo de controlador LED	Integrated-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 AC100-240V 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 (Dimming range from 0-100%)
LED Driver Features 驅動特性 Funciones del controlador de LED	POWER FACTOR : PF>0.90 @ Full Load TOTAL HARMONIC DISTORTION: THD< 20% LIFE HOUR : 50,000 Hours
Control Protocol-控制協議 Protocolo de Control	0-10V / Dali / DMX 512 / RDM / ZIGBEE Wireless Control
Beam Angle - symmetrical wide beam light distribution 光束角 - 對稱寬光束光分佈 Ángulo de haz - distribución de luz de haz amplio simétrico	25° 40°
Light Source Brand-光源品牌-Fuente de luz de marca	CREE LED - (Photobiological safety-IEC 62471 'Risk Group 1' (low risk))
"Lumen Maintenance LM-80 Reported by TM-21"25°C	1. L90(10k) = 50,700 hrs 2. L80(10k) > 63,500 hrs 3. L70(10k) > 63,500 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 ellipse	Standard Deviation Colour Matching < 3 SDCM 標準偏差配色 < 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	90 Lm/w(2700K), 90 Lm/w(3000K), 100 Lm/w(4000K), 110 Lm/w(5000K), 110 Lm/w(6500K),
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	120 Lm/w(2700K), 125 Lm/w(3000K), 135 Lm/w(4000K), 145 Lm/w(5000K), 145 Lm/w(6500K),
Housing materials-外殼材料 Materiales de la carcasa	Die-cast aluminum & Clear Tempered glass lampshade & Stainless Steel Screws in Grade 316 壓鑄鋁和透明鋼化玻璃燈罩和 316不銹鋼螺絲 Pantalla de aluminio fundido a presión y vidrio templado transparente y tornillos de acero inoxidable en grado 316
Housing Color 外殼顏色 color de la carcasa	UV resistant Powder Coating :Matte Black RAL 9005 / Matte White RAL 9003 / Matte GrayRAL 9006 抗紫外線粉末塗料: 啞光黑色燈身 RAL 9005 / 啞光白色燈身 RAL9003 / 啞光灰色燈身 RAL 9006 Resistente a los rayos UV Recubrimiento en Polvo: Matte Black RAL 9005 / Matte Blanco RAL 9003 / Gris Mate RAL 9006
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcion amiento	-30 °C / +50 °C
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Ingress Protection-防護等級 Protección de ingreso	IP65 - (IEC 60529)
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK08
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaries: EN 60598-1;EN 60598-2-1; IEC TR62778 IEC62471 ; IEC 62031; RoHS 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
Certification-認證-Certificación	     

Project	Fixture#	Date
		Firm



Ordering Information

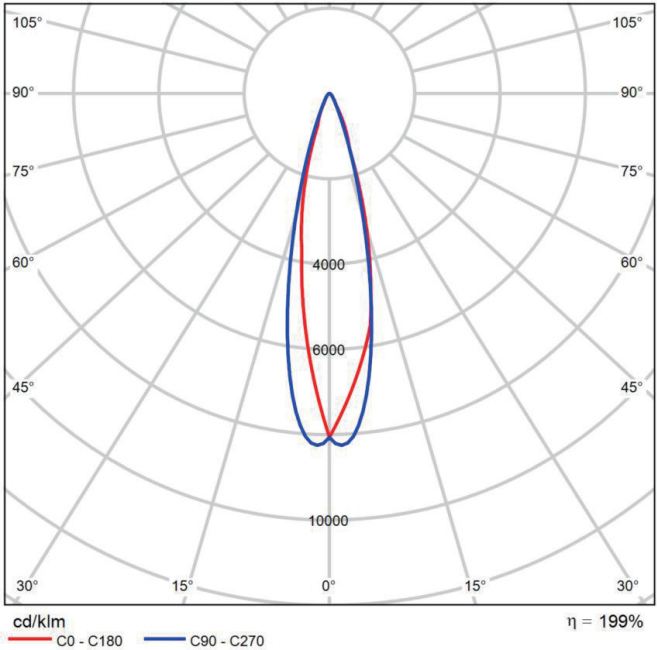
Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [DSAR-X-12W](#)

DSAR-X - 12W
[Power Consumption](#)

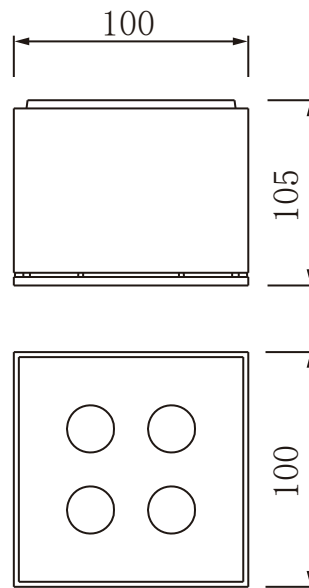
Power Consumption	
Code	Description
12W	1x12W

BEAM ANGLE



Technical Drawing

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Unit: mm