DIMON
TECHNOLOGY

Technical Datasheet

DSAR

Dia80mm xH: 150 or H200mm



LED OUTDOOR WALL LIGHT
Housing: Extrusion aluminium housing with corrosion -resistance powder coating and die-cast aluminium housing.
Anti-glare and high purity anodized aluminum reflector to distribute comfortable light
Tempered and safe glass and Screw-Less installation
Ingress Protection: IP66 and Mech impact protection: IK08
LED module: high-power CREE LEDs Array, CRI>80 or >95, LM-80 performance approval >50,000 hours.
Integrated 0-10V, DALI constant current LED Driver

DSAR

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Installation method / 安裝方式 Método de instalación	Wall Mounted / 壁掛式燈具 Montado en la pared
Dimension / 尺寸 / Dimensión	Dia 80 x H 150mm Dia 80 x H 200mm
Input Voltage / 輸入電壓 / Voltaje de entrada	AC 220-240V 50/60HZ
Power Consumption / 燈具功率 Consumo de energía	Dia 80 x H 150mm (Down Light) :7W (1x 7W) 20W (1x 10W) Dia 80 x H 200mm (Up and Down Light) : 14W (2x 7W) 20W (2x 10W)
LED Driver Type LED驅動款式 Tipo de controlador LED	Integrated Type 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. 0/1 -10V Dimming Driver AC220-240V 50/60HZ 3. DALI Dimming Driver AC220-240V 50/60HZ 4. DMX Driver AC220-240V 50/60HZ 5. Remote Emergency Backup >2 hours or >3 hours @ < 12 charger hours應急電池
LED Driver Features / 驅動特性 Funciones del controlador de LED	Power Factor: >0.9 Total Harmonic Distortion:
Beam Angle / 光束角 / ángulo de haz	12° 24° 38° 60°
Light Source Brand / 光源品牌 Fuente de luz de marca	CREE COB
Photobiological safety IEC 62471 光生物安全檢驗 IEC 62471 Seguridad fotobiológica IEC 62471	Risk Group 1 (RG1) 1 類危險（低危） Grupo de riesgo 1
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	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
Luminaire Efficacy / 燈具效率 La eficacia de la luminaria	100 LM/W (2700K& 3000K) 110 LM/W (4000K) 110 LM/W (5000K) 110 LM/W (6500K)
LED Source Luminous Efficacy / LED光源光效 Fuente luminosa LED Eficacia	135 LM/W (2700K& 3000K) 145 LM/W (4000K) 145 LM/W (5000K) 145 LM/W (6500K)
Housing Materials / 外殼材料 Materiales de la carcasa	Die-cast aluminum housing, Aluminum reflector and Tempered glass diffuser 壓鑄鋁外殼、鋁反射器和強化玻璃擴散器 Carcasa de aluminio fundido a presión, reflector de aluminio y difusor de vidrio templado.
Housing Color / 外殼顏色 color de la carcasa	Matte Black RAL 9005 / Matte White RAL 9003 / Matte Gray RAL 9006 RAL 9005 / 啞光白色燈身 RAL9003 / 啞光灰色燈身 RAL 9006 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	-20 ℃ / + 40 ℃
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	IP66
Impact protection / 衝擊保護 Protección contra impactos	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

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: DSAR-20W

DSAR - - [ ]

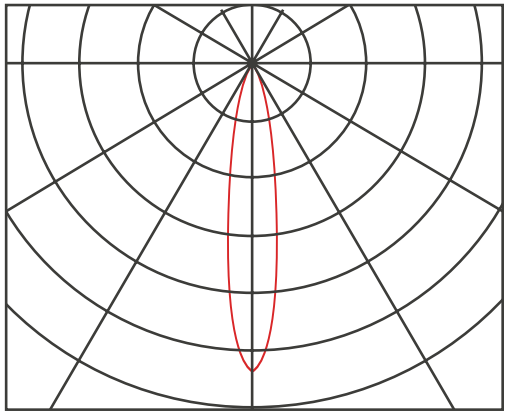
Power Consumption

Power Consumption	
Code	Description
7W	1x7W @ Dia 80 x H 150mm (Down Light)
10W	1x10W @ Dia 80 x H 150mm (Down Light)
14W	2X7W @ Dia 80 x H 200mm (Up and Down Light)
20W	2X10W @ Dia 80 x H 200mm (Up and Down Light)

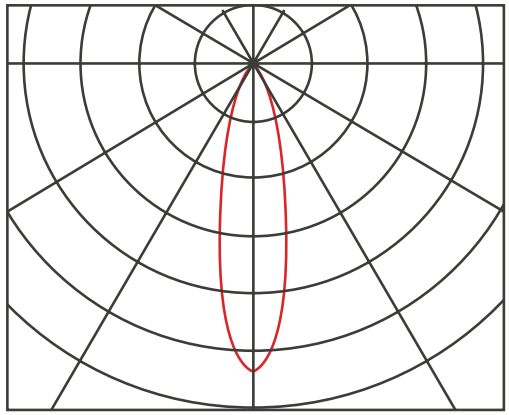
BEAM ANGLE

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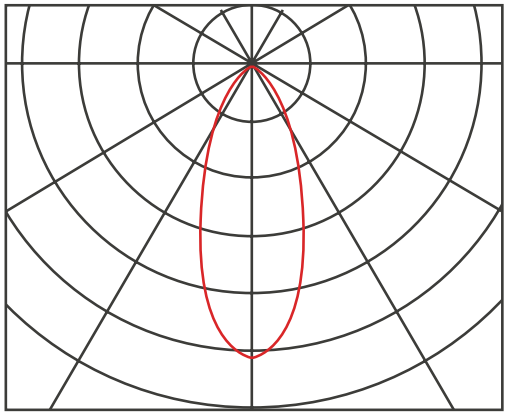
12°



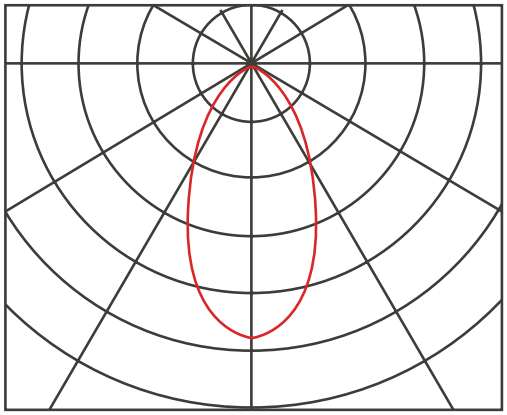
24°



38°

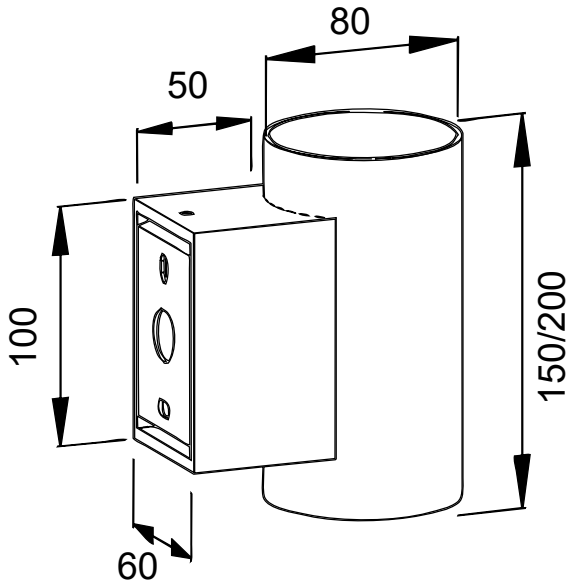


60°



Technical Drawing

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Unit: mm