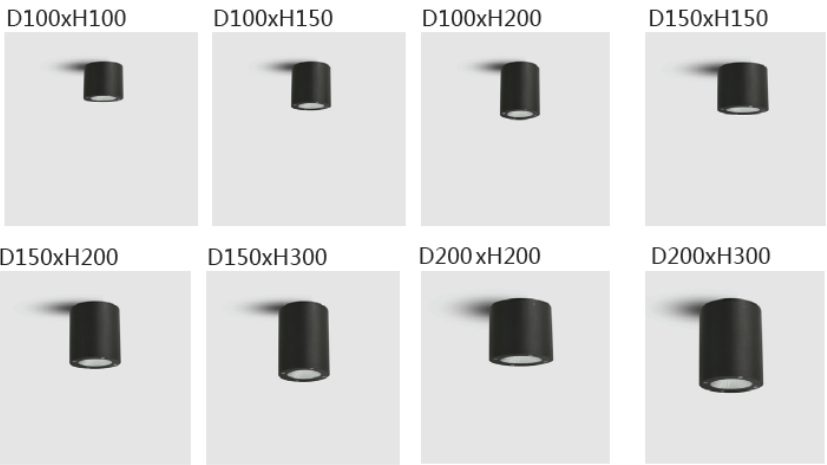


**DSAR-O**

D100 ~200mm 60W Max IP66









Extruded aluminium and die-cast aluminium housing with Anti-glare reflector and 8mm thick toughened FLUSH glass and Fire resistant silicone seal waterproof gasket to achieve IK08 Mech impact protection and IP66 , DuPont Outdoor UV resistant powder coat finish and 316# stainlesssteel screws.  
Integrated LED Driver Life >50,000 hours

# DSAR-O

D100 ~200mm 60W Max IP66

**DIMON**  
TECHNOLOGY

## Technical Data

Installation Method-安裝方式 Metodo de instalacion	Surface Mounted Type 明裝式燈具 Superficie Tipo Montado
Dimension-尺寸-Dimensión	• DIA: 100 x H: 100 mm    DIA: 100 x H: 150 mm    DIA: 100 x H: 200 mm    DIA: 150 x H: 150 mm • DIA: 150 x H: 200 mm    DIA: 150 x H: 300 mm    DIA: 200 x H: 200 mm    DIA: 200 x H: 250 mm • DIA: 200 x H: 300 mm
Input Voltage-輸入電壓-Voltaje de entrada	AC220-240V 50/60HZ
Power Consumption Max-燈具功率 Consumo de energía Max	• 6W @ DIA: 100 x H: 100 mm @ DIA: 100 x H: 150 mm • 10W @ DIA: 100 x H: 150 mm @ DIA: 100 x H: 200 mm • 12W @ DIA: 100 x H: 150 mm @ DIA: 100 x H: 200 mm @ DIA: 150 x H: 150 mm • 12W @ DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm • 15W @ DIA: 100 x H: 150 mm @ DIA: 100 x H: 200 mm @ DIA: 150 x H: 150 mm • 15W @ DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm • 15W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm • 18W @ DIA: 150 x H: 150 mm @ DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm • 18W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm • 20W @ DIA: 150 x H: 150 mm @ DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm • 20W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm • 25W @ DIA: 150 x H: 150 mm @ DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm • 28W @ DIA: 150 x H: 150 mm @ DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm • 30W @ DIA: 150 x H: 150 mm @ DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm • 30W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm • 35W @ DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm • 35W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 250 mm @ DIA: 200 x H: 300 mm • 40W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm @ DIA: 150 x H: 300 mm • 45W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm @ DIA: 150 x H: 300 mm • 50W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm • 55W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm • 60W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm
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 AC220-240V 50/60HZ 2. ELV Dimming Driver (5-100%) AC 100-120V 50/60Hz or AC 220-240V 50/60HZ 3. 0/1 -10V Dimming Driver AC220-240V 50/60HZ 4. DALI Dimming Driver AC220-240V 50/60HZ 5. DMX Driver AC220-240V 50/60HZ (Dimming range from 0-100%) 6. Zigbee Wireless Control Driver AC220-240V 50/60HZ 7. Remoted Type Emergency Backup >2 hours
LED Driver Features驅動特性 Funciones del controlador de LED	POWER FACTOR : PF>0.9 TOTAL HARMONIC DISTORTION: THD< 20%
Control Protocol-控制協議 Protocolo de Control	0/1-10V / DALI / DMX 512 / RDM / ZIGBEE Wireless Control
Beam Angle - 光東角-Ángulo de haz	24° 30° 36° 60°
Light Source Brand-光源品牌-Fuente de luz de marca	CREE / Bridgelux COB
"Lumen Maintenance LM-80 Reported by TM-21"25°C	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 • > 95
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
Photobiological safety-EN 62471 / of Luminaire 光生物安全檢驗(EN 62471) 結果: Seguridad fotobiológica-EN 62471	• Exempt • 豁免(無危險) • Eximir
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	85 Lm/w(2700K), 90 Lm/w(3000K), 90 Lm/w(4000K), 100 Lm/w(5000K), 100 Lm/w(6500K), 90 Lm/w Tunable White (2700K-6500K)
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	• 130 Lm/w(2700K), 140 Lm/w(3000K), 140 Lm/w(4000K), • 150 Lm/w(5000K), 150 Lm/w(6500K), 140 Lm/w Tunable White (2700K-6500K)
Housing materials-外殼材料 Materiales de la carcasa	Die-cast aluminum & 8mm Clear Tempered glass lampshade & Stainless Steel Screws in Grade 316 壓鑄鋁和8mm 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	Powder Coating :Matte Black RAL 9005 / Matte White RAL 9003 / Matte GrayRAL 9006 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 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 funcionamiento	-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	IP66 - (IEC 60529)
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK08 -IEC62262
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaires:LVD: EN 60598-1 / EN 60598-2-1/ IEC 62031 / EN 62471 IEC 60529 / IEC 62262 / 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.

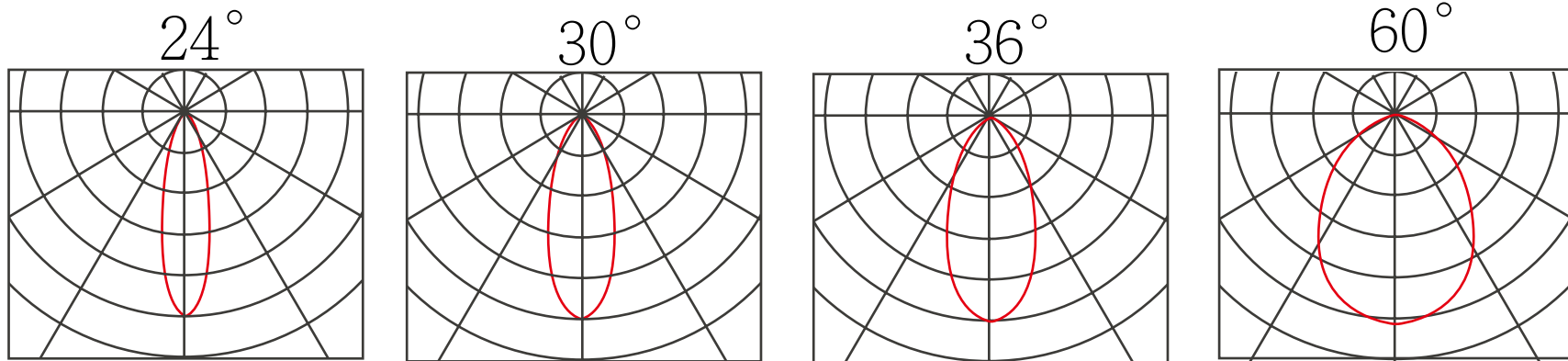
Example product code: [DSAR-40W](#)

DSAR-O - -

\_\_\_\_\_ [Power Consumption](#)

Power Consumption	
Code	Description
<a href="#">6W</a>	6W@ DIA: 100 x H: 100 mm @ DIA: 100 x H: 150 mm
<a href="#">10W</a>	10W @ DIA: 100 x H: 150 mm @ DIA: 100 x H: 200 mm
<a href="#">12W</a>	12W @ DIA: 100 x H: 150 mm @ DIA: 100 x H: 200 mm @ DIA: 150 x H: 150 mm
<a href="#">12W</a>	12W @DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm
<a href="#">15W</a>	15W @ DIA: 100 x H: 150 mm @ DIA: 100 x H: 200 mm @ DIA: 150 x H: 150 mm
<a href="#">15W</a>	15W @DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm
<a href="#">15W</a>	15W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm
<a href="#">18W</a>	18W@ DIA: 150 x H: 150 mm @DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm
<a href="#">18W</a>	18W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm
<a href="#">20W</a>	20W @ DIA: 150 x H: 150 mm @DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm
<a href="#">20W</a>	20W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm
<a href="#">25W</a>	25W @ DIA: 150 x H: 150 mm @DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm
<a href="#">28W</a>	28W @ DIA: 150 x H: 150 mm @DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm
<a href="#">30W</a>	30W @ DIA: 150 x H: 150 mm @DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm
<a href="#">30W</a>	30W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm
<a href="#">35W</a>	35W@DIA: 150 x H: 200 mm @ DIA: 150 x H: 300 mm
<a href="#">35W</a>	35W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 250 mm @ DIA: 200 x H: 300 mm
<a href="#">40W</a>	40W @ DIA: 150 x H: 300 mm @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm
<a href="#">45W</a>	45W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm @ DIA: 150 x H: 300 mm
<a href="#">50W</a>	50W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm
<a href="#">55W</a>	55W@ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm
<a href="#">60W</a>	60W @ DIA: 200 x H: 200 mm @ DIA: 200 x H: 300 mm

# Beam Angle



# Technical Drawing

