

DEGSON

Dia 90 to 230 mm Max 23W

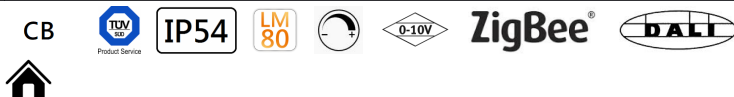


LED RECESSED DOWN LIGHT. Housing: die-cast aluminium, powder-coated, designed as heatsink. Nano Coating reflector and diffuser system. LED module: SMD, CRI>80, LM-80 performance approval >50,000 hours. Integrated-Type ELV, 1-10V, DALI, DMX and RDM LED constant current control gear. Materials is complied with Hot Wire Testing: 850°C

Technical Data

Luminaire Type-安裝方式 Tipo de luminaria	Recessed Mount Type/嵌入式筒燈 Empotrada Tipo Mount
Dimension-尺寸-Dimensión / mm Cut off Dimension-開孔尺寸-Cortar Dimensión / mm	<ul style="list-style-type: none"> • Dia: 90 x H: 53 Cut off: Dia 75 • Dia: 138 x H: 59 Cut off: Dia 125 • Dia: 190 x H: 59 Cut off: Dia 170 Dia: 108 x H: 65 Cut off: Dia 90 Dia: 165 x H: 59 Cut off: Dia 150 Dia: 230 x H: 66 Cut off: Dia 210
Input Voltage-輸入電壓-Voltaje de entrada	• AC220-240V 50/60HZ
Power Consumption Max-燈具功率 Consumo de energía Max	<ul style="list-style-type: none"> • 5W @ Dia: 90 mm • 8W @ Dia: 90 mm @ Dia: 108mm @ Dia: 138 mm @Dia: 165mm • 10W @ Dia: 108mm @ Dia: 138 mm @Dia: 165mm • 12W @ Dia: 138 mm @Dia: 165mm @ Dia: 190 mm • 15W @Dia: 165mm @ Dia: 190 mm @ Dia: 230 mm • 18W @ Dia: 190 mm @ Dia: 230 mm • 23W @ Dia: 230 mm
LED Driver Type LED驅動款式 Tipo de controlador LED	Remote-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 AC 220-240V 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. Zigbee Wireless Control Driver AC100-270V 50/60HZ 6. DMX Driver AC100-240V 50/60HZ 7. RDM Driver 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	<ul style="list-style-type: none"> • 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 光束角 /ángulo de haz	• 85°
Light Source Brand-光源品牌-Fuente de luz de marca	OSRAM -Replaceable LED Module (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
Photobiological safety-IEC 62471 / of Luminaire 光生物安全檢驗(IEC/EN 62471) 結果: Seguridad fotobiológica-IEC 62471	Exempt 豁免(無危險) Eximir
Color Temperature -色溫 Temperatura del color	2700K / 3000K / 4000K / 5000K / 6000K/ 6500K
Color Rendering Index-顯色指數 Índice de reproducción cromática	> 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	<ul style="list-style-type: none"> • 105Lm/w(2700K), 105 Lm/w(3000K), 110 Lm/w(4000K), • 120Lm/w(5000K), 120 Lm/w(6000K), 120Lm/w(6500K),
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	<ul style="list-style-type: none"> • 120 Lm/w(2700K), 120 Lm/w(3000K), 130 Lm/w(4000K), • 140 Lm/w(5000K), 140 Lm/w(6000K), 140 Lm/w(6500K),
Housing materials-外殼材料 Materiales de la carcasa	Die-cast aluminum Body and Trim with Frosted or Opal Polycarbonate (PC) Diffuser 壓鑄鋁, 磨砂, 或乳白PC擴散罩 Die Cuerpo de aluminio fundido y corte con esmerilado o difusor de policarbonato opal (PC)
Housing Color 外殼顏色 Color de la carcasa	Anodised Aluminium and Nano Coating reflector 陽極氧化鋁和納米塗層反射器 Reflector anodizado de aluminio y nano recubrimiento.
Trim Color-框邊顏色-Estilo Color	Matte white or Matte Black 啞光白色或啞光黑色 Blanco mate o Negro Mate
Ingress Protection-防護等級 Protección de ingreso	IP54 - (IEC 60529)
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-30 °C To +50 °C
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaires: IEC 60598-1 / IEC 60598-2-2 / Hot Wire Testing: 850°C LED Driver: EN 55015 / IEC 61000-3-2 / IEC 61347-1 / IEC 61347-2-13 / IEC 61547

Certification-認證-Certificación



Project	Fixture#	Date
		Firm



Ordering Information

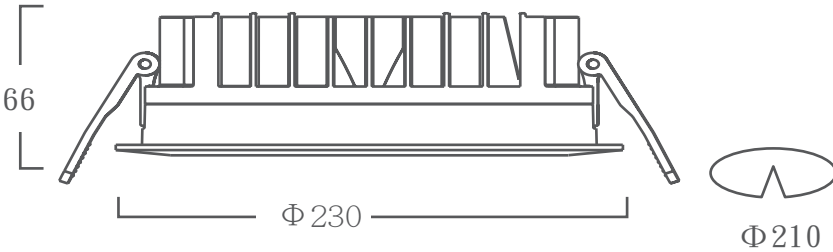
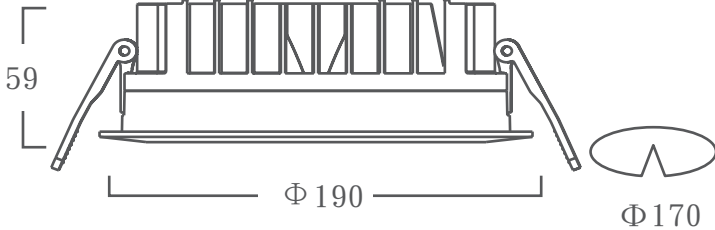
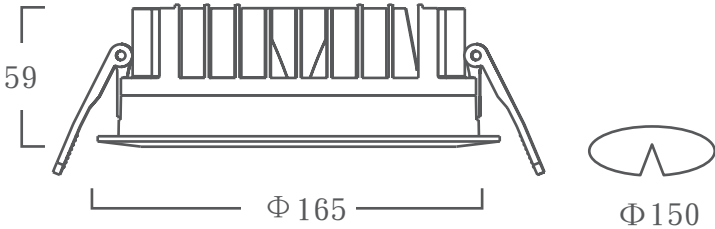
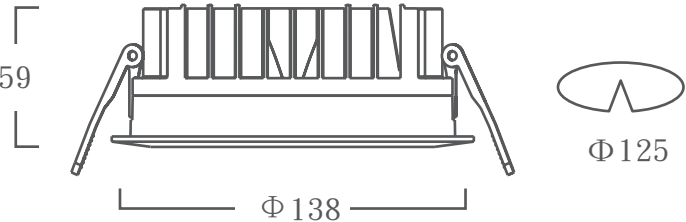
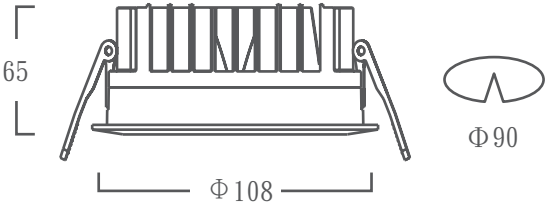
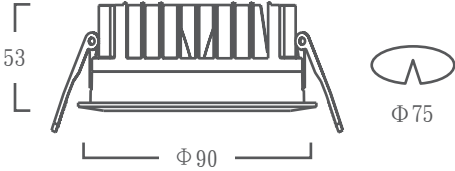
Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [DEGSON-18W](#)

DEGSON - - _____
Power Consumption

Power Consumption	
Code	Description
5W	5W @ Dia 90 mm
8W	8W @ Dia 90 mm or Dia 108mm or Dia 138mm or Dia 165mm
10W	10W @Dia 108mm or Dia 138mm or Dia 165mm
12W	12W @ Dia: 138 mm or Dia: 165mm or Dia: 190 mm
15W	15W @ Dia 165mm or Dia 190mm or Dia 230mm
18W	18W @ Dia 190mm or Dia 230mm
23W	23W@ Dia 230mm

Technical Drawing

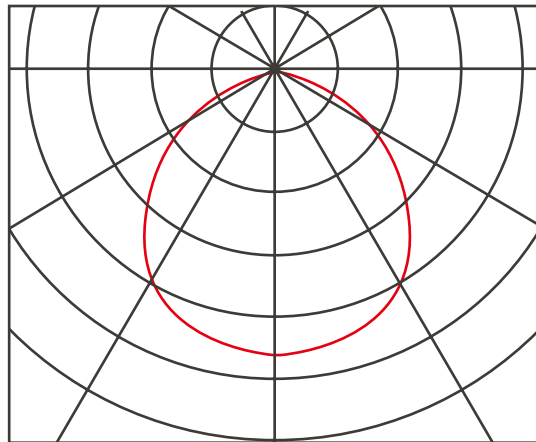


Unit: mm

BEAM ANGLE

DIMON
TECHNOLOGY

85°



Installation Guideline

Recessed Down Light

