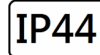








DANA

D90 & 110mm 15W Max ADJ



Housing: die-cast aluminium, powder-coated, designed as heat sink. Anti-glare reflector and diffusor system made of tempered glass. LED module: high-power CREE LEDs Array, CRI>80, LM-80 performance approval >50,000 hours. Integrated-Type ELV , 0-10V, DALI, DMX and RDM LED constant current control gear.

Technical Data

Luminaire Type- 安裝方式 Tipo de luminaria	Recessed Mount Type : Tilted-Angle- Type (30° tilt) 嵌入式筒燈 : 可調角度類型 (上下調角30°) Tipo de montaje empotrado: tipo de ángulo inclinado (inclinación de 30°)
Dimension-尺寸-Dimensión Cut off Dimension-開孔尺寸-Cortar Dimensión	• DIA 90 x H:71 mm / Cut off : 75mm • DIA 110 x H:82 mm Cut off : 94mm
Input Voltage-輸入電壓-Voltaje de entrada	AC220-240V 50/60Hz
Power Consumption Max-燈具功率 Consumo de energía Max	• DIA 90mm: 6W 9W • DIA 110mm 11W 13W 15W
LED Driver Type LED驅動款式 Tipo de controlador LED	Remote-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. 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%) 6. RDM Driver AC100-240V 50/60HZ 7. Emergency Backup >2 hours or >3 hours @ < 12 charger hours 應急電池/Copia de seguridad de emergencia
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	15° 24° 30° 36°
Light Source Brand-光源品牌-Fuente de luz de marca	CREE COB
"Lumen Maintenance LM-80 Reported by TM-21"@ 25°C	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
Chromaticity Tolerance (initial Macadam) 色度容差 (初始Macadam) Tolerancia de cromaticidad (Macadam inicial)	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	• 120 Lm/w(2700K), 120 Lm/w(3000K), 140 Lm/w(4000K), • 140Lm/w(5000K), 140 Lm/w(6500K),
LED Source Luminous EfficacyLED光源光效 Fuente luminosa LED Eficaci	• 140 Lm/w(2700K), 140 Lm/w(3000K), 160 Lm/w(4000K), • 160Lm/w(5000K), 160Lm/w(6500K),
Housing materials-外殼材料 Materiales de la carcasa	Die-cast aluminum and Tempered glass 壓鑄鋁和鋼化玻璃 Aluminio fundido a presión y vidrio templado
Housing Color外殼顏色 color de la carcasa	Anodised Aluminium with black coating in headsink 陽極氧化鋁的散熱片加黑色塗層 Anodizado de aluminio con recubrimiento negro en el disipador de calor
Trim Color-框邊顏色-Estilo Color	Matte white / Matte black 啞光白色 / 啞光黑色 Blanco mate / Matte black
Ingress Protection-防護等級 Protección de ingreso	IP44
Environment-使用環境-medio ambiente	Indoor
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcion amiento	-30 °C / +50 °C
Comply Testing Standard符合測試標準 Cumplir el estándar de prueba	LED Luminaires: IEC/EN 60598-1 ; IEC/EN 60598-2-2 ; IEC/ EN62493 ; IEC/EN 62301 ; IEC TR 62778 & IEC 62471 ; ROHS 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.

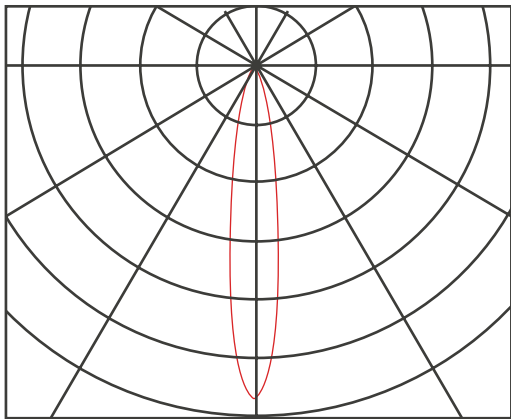
Example product code: [DANA-9W](#)

DANA - - _____
Power Consumption

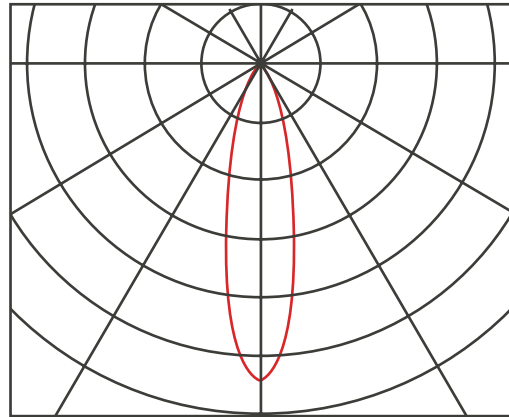
Power Consumption	
Code	Description
6W	6W @ DIA 90mm:
9W	9W @ DIA 90mm:
11W	11W@ DIA 110mm
13W	13W@ DIA 110mm
15W	15W@ DIA 110mm

BEAM ANGLE

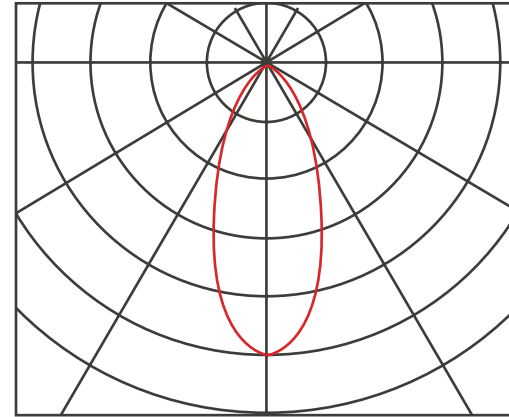
15°



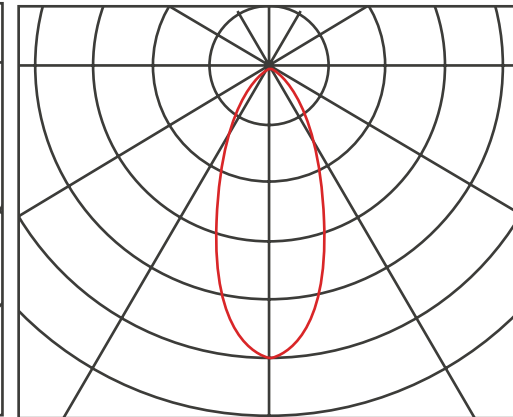
24°



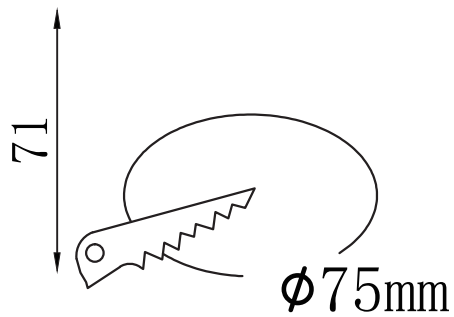
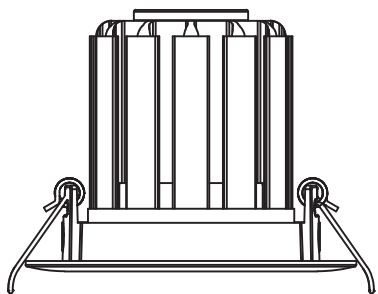
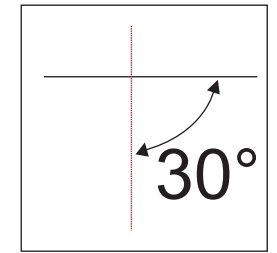
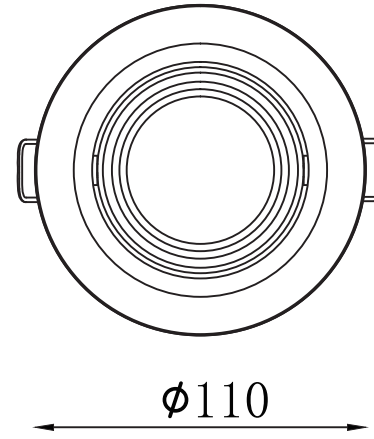
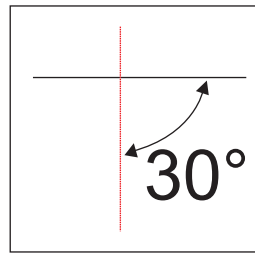
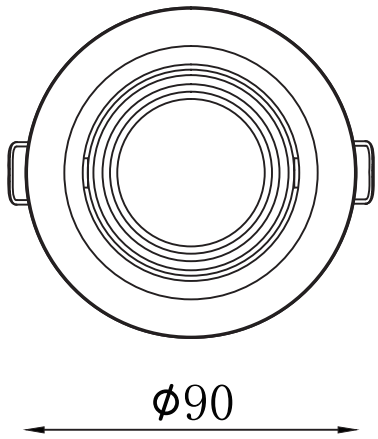
30°



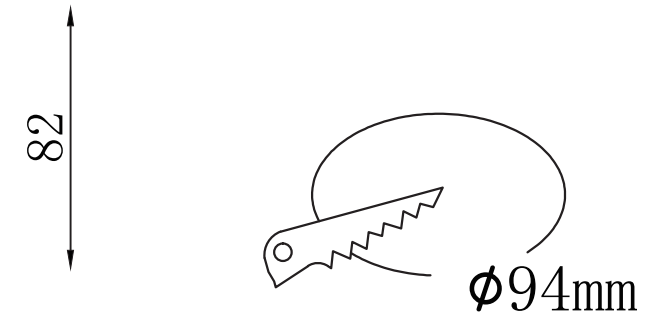
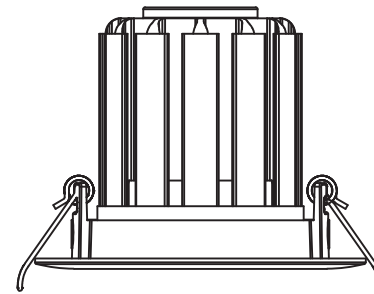
36°



Technical Drawing



6W & 9W



11W & 13W & 15W

Unit: mm