

## DROG (LED MODULE)

DAI 50 xH 60 mm Max 12W



Housing: die-cast aluminium, powder-coated, designed as heat sink. Anti-glare reflector and diffusor system LED module: high-power CREE LEDs Array, CRI>90, Special Accessories : Clear Crystal Glass with diamond shape diffuser to create a clouding and a sparkling effect

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**DIMON**  
TECHNOLOGY

## 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	• DIA 50 x H: 60mm DROG (LED MODULE) • Clear Crystal Glass with diamond shape diffuser Dia : 114 x H: 122.8mm
Cut off Dimension-開孔尺寸-Cortar Dimensión	Dia 112mm with Clear Crystal Glass with diamond shape diffuser
QTY of LEDs-燈珠數量-CANT de LEDs	1 pcs CREE LED Array
Input Voltage-輸入電壓-Voltaje de entrada	AC100-240V 50/60HZ
Power Consumption Max-燈具功率 Consumo de energía Max	• 7W • 10W • 12W
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 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%) 6. RDM Driver AC100-240V 50/60HZ 7. Emergency Backup >2 hours or >3 hours @ < 24 charger hours應急電池/Copia de seguridad de emergencia
LED Driver Features 驅動特性 Funciones del controlador de LED	• POWER FACTOR : PF>0.90 @ Full Load • TOTAL HARMONIC DISTORTION: THD< 20%
Control Protocol-控制協議 Protocolo de Control	1-10V / Dali / DMX 512 / RDM / ZIGBEE Wireless Control
Beam Angle 光束角 ángulo de haz	• 25° • 40° • 55°
Light Source Brand-光源品牌-Fuente de luz de marca	CREE- ( 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	• > 90
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning ellipse	Standard Deviam 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	• 60 Lm/w(2700K), • 60 Lm/w(3000K), • 70 Lm/w(4000K), • 80 Lm/w(5000K), • 80 Lm/w(6500K),
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	• 110 Lm/w(2700K), • 110 Lm/w(3000K), • 115 Lm/w(4000K), • 120 Lm/w(5000K), • 120 Lm/w(6500K),
Housing materials-外殼材料 Materiales de la carcasa	Die-cast aluminum and Clear Crystal Glass with diamond shape diffuser 壓鑄鋁和透明水晶玻璃鑽石形狀的擴散器 Aluminio fundido a presión y cristal transparente con difusor en forma de diamante
Housing Color 外殼顏色 color de la carcasa	Anodised Aluminium with black coating in headsip 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
Ingress Protection-防護等級 Protección de ingreso	IP20
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 60598-1 / IEC 60598-2-2 / Photometric data-IES format 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: [DROG-7W-SW-40-S](#)

DROG-LED-MODULE - - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_  
Power Consumption
LED Driver Type
Color Temperature
BEAM Angle of DROG (LED MODULE)

Power Consumption		LED Driver Type		Color Temperature		BEAM Angle of DROG (LED MODULE)	
Code	Description	Code	Description	Code	Description	Code	Description
7W	7W	SW	ON/OFF Switch	27	2700K	S	25°
9W	9W	ELV	ELV Leading Edge Control	30	3000K	M	40°
12W	12W	AN	Analog 0-10V Dimming	40	4000K	L	55°
		DA	DALI Dimming	50	5000K		
		DMX	DMX Dimming @ (Dimming range from 0-100%)	65	6500K		
		RDM	RDM Dimming				
		EM	Emergency Battery				
		ZI	ZIGBEE Wireless Control				

BEAM ANGLE



