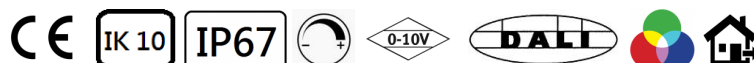


IARE

D45&SQ45mm 3W Max IP67



LED in-ground luminaires with small dimensions for flush-mounting installation. The luminaire housing made of die-cast aluminium and AISI 316 stainless steel. Cover with tempered glass. Optics with PMMA lens. It is available in monocolour and RGBW color. Outer casing made of ABS material. It is able to be controlled by DMX and RDM. It's as well a great alternative to urban furniture due to its IP67 protection rating.

Technical Data

Luminaire Type 安裝方式 Tipo de luminaria	Recessed In-Ground Type 內嵌式地埋燈 Empotrada en el suelo del Tipo
Power Consumption Max 燈具功率 Consumo de energía Max	• 1W • 2W • 3W
Input Voltage 輸入電壓 Voltaje de entrada	DC24V
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 @ Integrated-type 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 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
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	• 10° • 25° • 40° • 60° • 120°
Light Source Brand/光源品牌 Fuente de luz de marca	OSRAM - (Photobiological safety-IEC 62471 'Risk Group 1' (low risk))
"Lumen Maintenance LM-80 Reported by TM-21"	L90(10k) = 50,700 hrs / L80(10k) > 63,500 hrs / 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 / RGB
Color Rendering Index/顯色指數 Índice de reproducción cromática	>80 @ MONO
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	• 60 Lm/w(2700K), • 60 Lm/w(3000K), • 65 Lm/w(4000K), • 70 Lm/w(5000K), • 70 Lm/w(6500K), • 40 Lm/w(RGB),
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	• 100 Lm/w(2700K), • 100 Lm/w(3000K), • 105 Lm/w(4000K), • 120 Lm/w(5000K), • 120 Lm/w(6500K), • 70 Lm/w(RGB),
Housing materials/外殼材料 Materiales de la carcasa	Die cast aluminium , 4mm thick tempered glass with #316 Stainless Steel Cover 壓鑄鋁, 鋼化玻璃和#316不銹鋼面蓋 Aluminio fundido, vidrio templado de 4 mm de espesor con # 316 de la cubierta de acero inoxidable
Housing Color/ 外殼顏色 Color de la carcasa	#316 Stainless Steel Cover #316不銹鋼面蓋 # 316 de la cubierta de acero inoxidable
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	IP67- (IEC 60529)
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK10
Dimension/尺寸 Dimensión	• Light Fixture: Dia 45 x H: 65mm or L: 45 x W: 45 x H: 65 mm • Outer casing: Dia 42 x Dia 67 x H: 83 mm • Cut off: Dia 67mm
Environment/ 使用環境 Medio ambiente	Outdoor /戶外/al aire libre
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaires: IEC 60598-1 / IEC 60598-2-13 / Photometric data-IES format LED Driver: EN 55015 / IEC 61000-3-2 / IEC 61347-1 / IEC 61347-2-13 6 / 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: [IARE-3W-SW-30-S](#)

IARE - - - -
 Power Consumption LED Driver Type Color Temperature Beam Angle

Power Consumption		LED Driver Type		Color Temperature		Beam Angle	
Code	Description	Code	Description	Code	Description	Code	Description
1W	1 x 1W	SW	ON/OFF Switch	27	2700K	N	10°
2W	1 x 2W	ELV	ELV Leading Edge Control	30	3000K	S	25°
3W	1 x 3W	AN	Analog 0 -10V Dimming	40	4000K	M	40°
		DA	DALI Dimming	50	5000K	L	60°
		DMX	DMX Dimming	65	6500K	XL	120°
		RDM	RDM Dimming	RGB	RGB		
		EM	Emergency Battery				
		ZI	ZIGBEE Wireless Control				

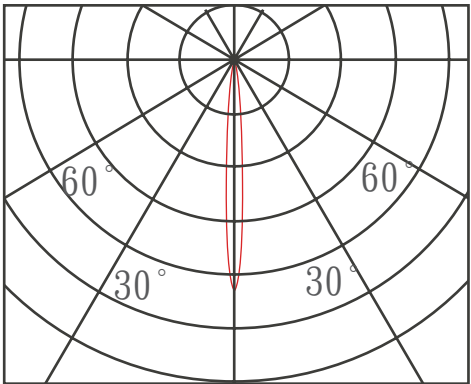
Accessories



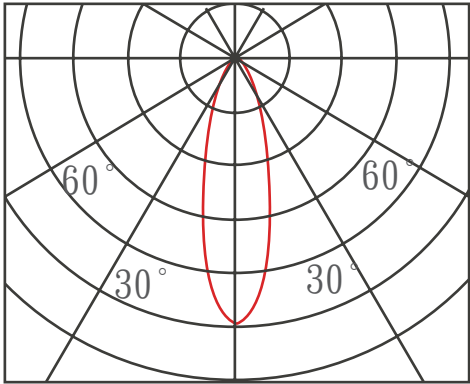
HLG-100H

BEAM ANGLE

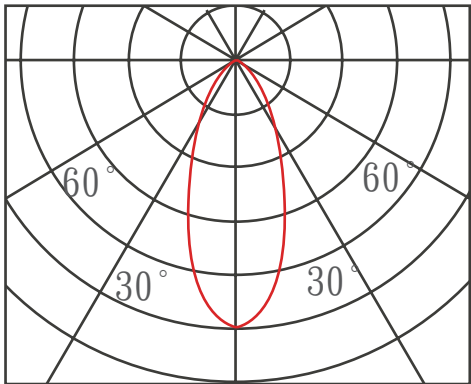
10°



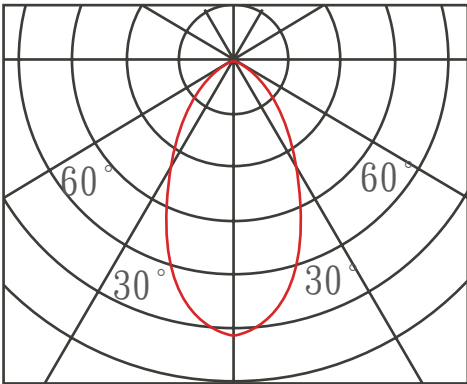
25°



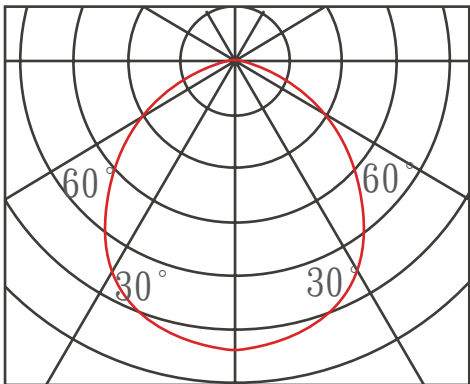
40°

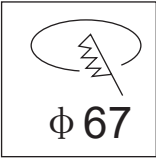
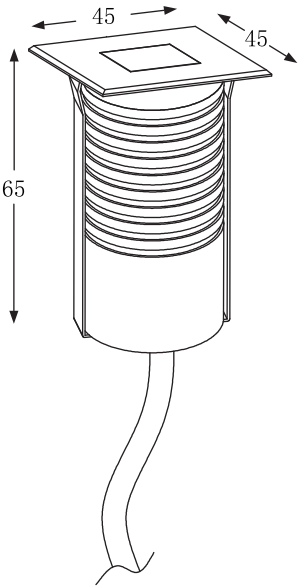
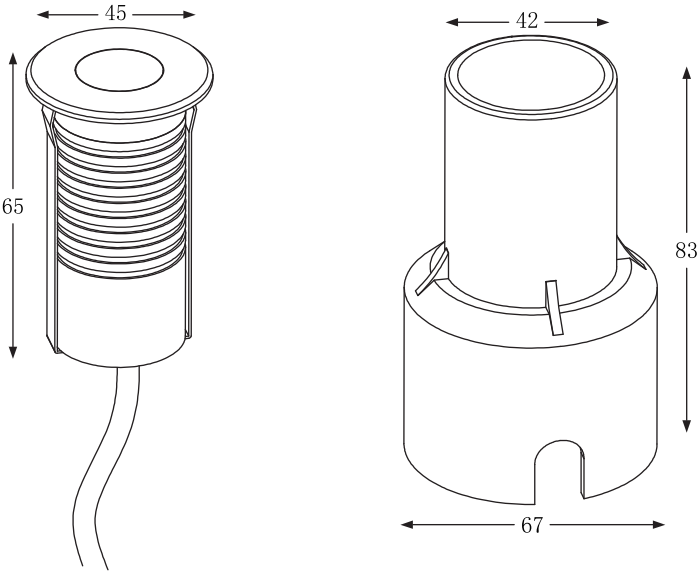


60°



120°



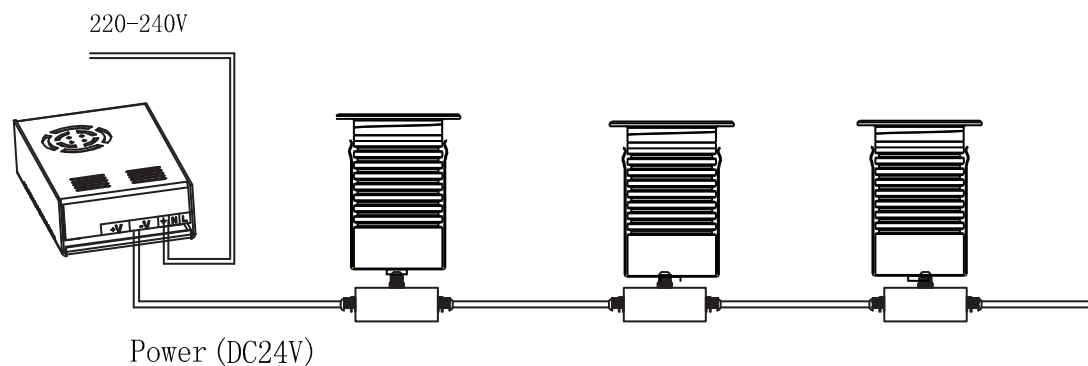


Unit: mm

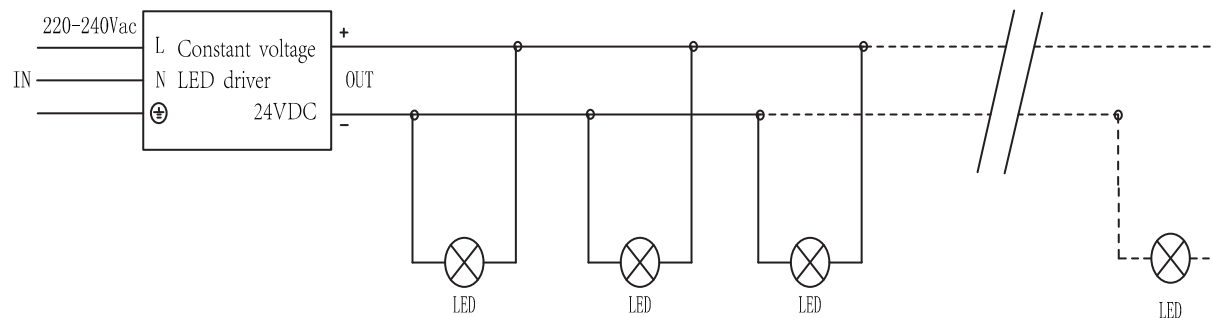
Wiring Diagram

Low voltage single color fitting:use external power supply,the input voltage of power supply must be consistent with the requested input voltage of the fitting,as the fitting is constant voltage input type. The power consumption of power supply must be decided by installer according to the requirements from the site.

Example of wiring:



24VDC:circuit of product



Mounting Guide

