DIMON
TECHNOLOGY

Technical Datasheet

WALENA-G2

IK 08 IP66 0-10V DALI FIRE

Dia80mm Dia100mm Dia150mm & Dia200mm











WALENA-G2

Dia80mm Dia100mm Dia150mm & Dia200mm

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Technical Data

Installation method / 安裝方式 Método de instalación	Wall Mounted / 壁掛式燈具 Montado en la pared
Dimension / 尺寸 / Dimensión	Dia 80 x H 100mm Dia 80 x H 150mm Dia 80 x H 200mm Dia 100 x H 100mm Dia 100 x H 150mm Dia 100 x H 200mm Dia 100 x H 250mm Dia 150 x H 150mm Dia 150 x H 200mm Dia 150 x H 250mm Dia 150 x H 300mm Dia 150 x H 150mm Dia 150 x H 200mm Dia 150 x H 300mm Dia 150 x H 400mm Dia 200 x H 200mm Dia 200 x H 300mm Dia 200 x H 400mm Dia 200 x H 600mm
Input Voltage / 輸入電壓 / Voltaje de entrada	AC 220-240V 50/60HZ
Power Consumption / 燈具功率 Consumo de energía	Down or Up : Dia 80mm @ 5W 8W 10W Dia 100mm @ 5W 8W 10W 15W Dia 150mm @ 15W 20W 25W 30W 35W 40W Dia 200mm @ 30W 35W 40W 45W 50W Down and Up : Dia 80mm & Dia 100mm @ 10W 16W Dia 150mm @ 30W 40W 50W 60W 70W 80W Dia 200mm @ 60W 70W 80W 90W 100W
LED Driver Type LED驅動款式 Tipo de controlador LED	Integrated 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. 0/1 -10V Dimming Driver AC220-240V 50/60HZ 3. DALI Dimming Driver AC220-240V 50/60HZ 4. DMX Driver AC220-240V 50/60HZ 5. Remote Emergency Backup >2 hours or >3 hours @ < 12 charger hours應急電池
LED Driver Features / 驅動特性 Funciones del controlador de LED	Power Factor: >0.9 Total Harmonic Distortion: <20%
Beam Angle / 光束角 / ángulo de haz	12° 24° 36° 60°
Light Source Brand / 光源品牌 Fuente de luz de marca	CREE / Bridgelux / Osram
Photobiological safety IEC 62471 光生物安全檢驗 IEC 62471 Seguridad fotobiológica IEC 62471	Risk Group 1 (RG1) 1 類危險（低危） Grupo de riesgo 1
Lumen Maintenance LM-80 Reported by TM-21	L70 > 54,000 hrs
LED Life / LED壽命 / La vida del LED	>100,000 hours
Color Temperature / 色溫 Temperatura del color	3000K / 4000K / 5000K / 6500K
Color Rendering Index / 顯色指數 Índice de reproducción cromática	> 80 > 90
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning elipse	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	CRI 80: 90 LM/W (3000K) 95 LM/W (4000K) 100 LM/W (5000K) 100 LM/W (6500K) CRI 90: 80 LM/W (3000K) 85 LM/W (4000K) 90 LM/W (5000K) 90 LM/W (6500K)
LED Source Luminous Efficacy / LED光源光效 Fuente luminosa LED Eficacia	CRI80: 130 LM/W (3000K) 140 LM/W (4000K) 150 LM/W (5000K) 150 LM/W (6500K) CRI90: 125 LM/W (3000K) 130 LM/W (4000K) 135 LM/W (5000K) 135 LM/W (6500K)
Housing Materials / 外殼材料 Materiales de la carcasa	Die-cast aluminum housing, Aluminum reflector and Tempered glass diffuser 壓鑄鋁外殼、鋁反射器和強化玻璃擴散器 Carcasa de aluminio fundido a presión, reflector de aluminio y difusor de vidrio templado.
Housing Color / 外殼顏色 color de la carcasa	Matte Black RAL 9005 / Matte White RAL 9003 / Matte Gray RAL 9006 RAL 9005 / 啞光白色燈身 RAL9003 / 啞光灰色燈身 RAL 9006 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 funcion amiento	-20 °C / + 40 °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
Impact protection / 衝擊保護 Protección contra impactos	IK08
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaries: EN 60598-1;EN 60598-2-1; IEC TR62778 IEC62471 ; IEC 62031; 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: WALENA-G2-20W

WALENA-G2 - -

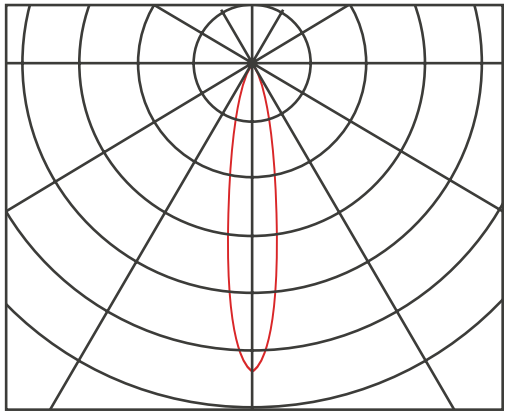
Power Consumption

Power Consumption	
Code	Description
5W	1x5W @ Dia 80 or 100mm Down or Up Light
8W	1x8W @ Dia 80 or 100mm Down or Up Light
10W	1x10W @ Dia 80 or 100mm Down or Up Light
10W	2X5W @ Dia 80 or 100mm Down and Up Light
15W	1x15W @ Dia 100 or 150mm Down or Up Light
16W	2X8W @ Dia 80 or 100mm Down and Up Light
20W	1x20W @ Dia 150mm Down or Up Light
25W	1x25W @ Dia 150mm Down or Up Light
30W	1X30W @ Dia 150 or 200mm Down or Up Light
30W	2X15W @ Dia 150mm Down and Up Light
35W	1X35W @ Dia 150 or 200mm Down or Up Light
40W	1X40W @ Dia 150 or 200mm Down or Up Light
40W	2X20W @ Dia 150mm Down and Up Light
45W	1X45W @ Dia 200mm Down or Up Light
50W	1X50W @ Dia 200mm Down or Up Light
50W	2X25W @ Dia 150mm Down and Up Light
60W	2X30W @ Dia 150 or Dia 200mm Down and Up Light
70W	2X35W @ Dia 150 or Dia 200mm Down and Up Light
80W	2X40W @ Dia 150 or Dia 200mm Down and Up Light
90W	2X45W @ Dia 200mm Down and Up Light
100W	2X50W @ Dia 200mm Down and Up Light

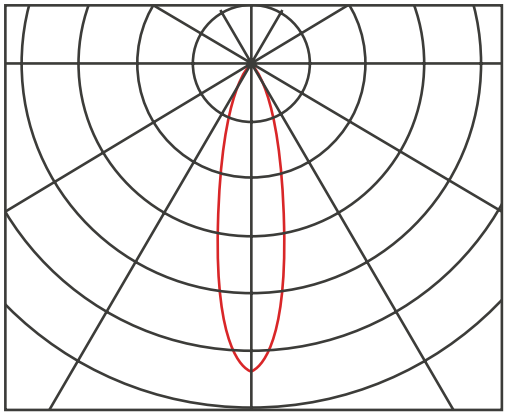
BEAM ANGLE

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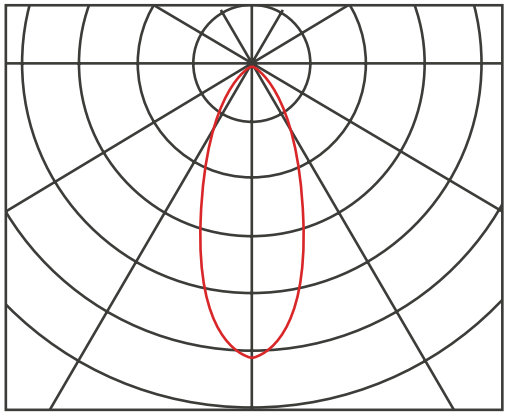
12°



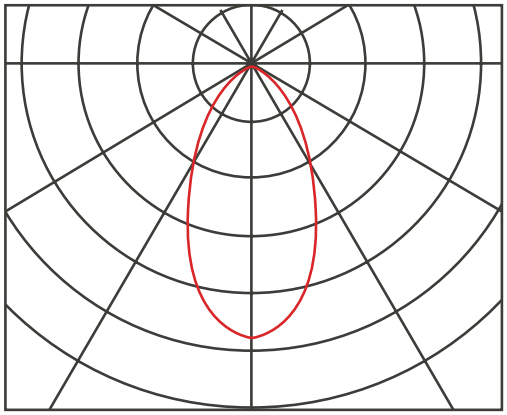
24°



36°

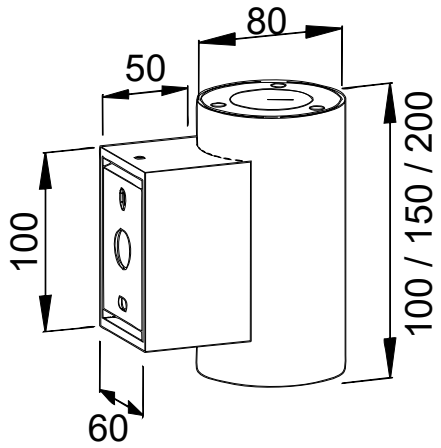


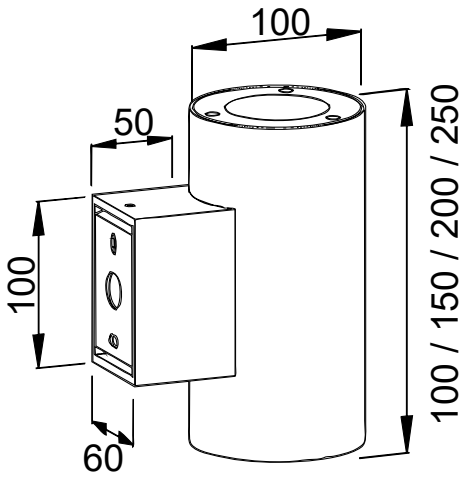
60°

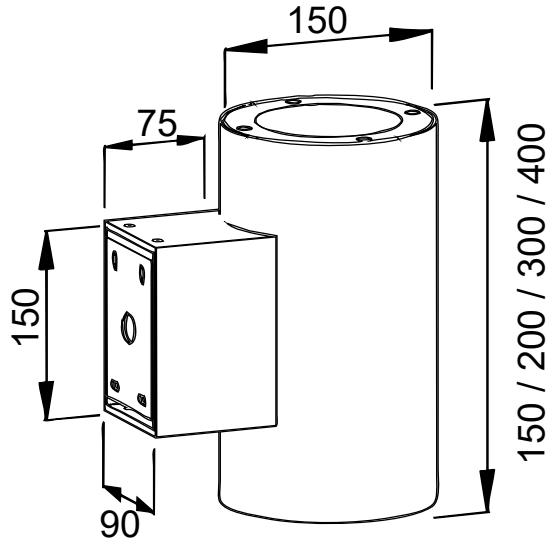


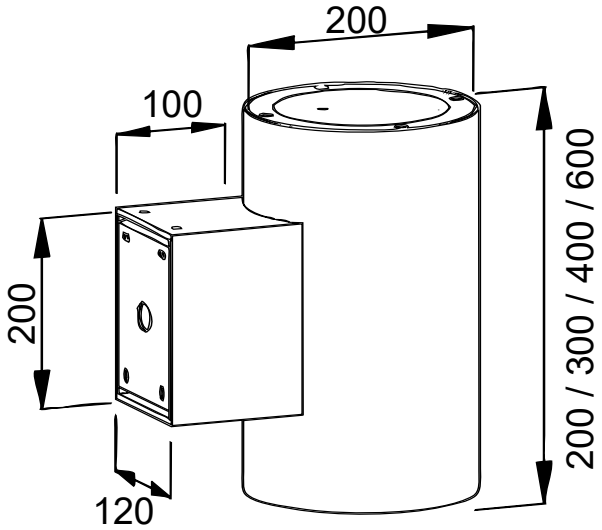
Technical Drawing

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Unit: mm