

HAI-I

100W-150W
















The HAI-I High Bay Light is finished by Die-cast aluminium with separated and integrated LED Drive, with surface anti-ageing electrostatic spray processing, All die-casting components after mechanical and chemical anti-corrosion treatment, UV resistant exterior paint system, and with tempered clear Glass and Heat Resisting Cable. It's as well a great alternative to urban furniture due to its IP65 protection rating and IK09 Impact protection. Adopt modular light distribution Lens and super clear tempered glass. Button design for opening LED driver for easy power circuit connection. And, it is able to be controlled by ELV, 0-10V, DALI, Zigbee dimming system. LED module: high-power CREE CRI>70 up to 140lm/w. LM-80 performance approve >50,000 hours; Fixing: Mouting by Brackett or Hanging.

HAI-I

100W-150W

Technical Data

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| Luminaire Type- 安裝方式 Tipo de luminaria | Mouting by Bracket or Hanging. 安裝支架固定或者吊裝 Soporte de montaje fijo o elevación |
| Power Consumption with LED Driver LED燈具包括LED驅動電源功率 Consumo de energía con controlador de LED | 100W @ 64 pcs LED CREE 120W @ 64 pcs LED CREE 150W @ 64 pcs LED CREE |
| Input Voltage / 輸入電壓 Voltaje de entrada | 100 ~ 305VAC(47 63HZ) 142 ~ 431VDC |
| Control Protocol/控制協議 Protocolo de Control | 1-10V / Dali/ DMX 512 / RDM/Zigbee (wireless) |
| Power Factor / 功率因數/Factor de potencia | PF>0.95/115VAC, PF>0.93/230VAC, PF>0.90/277VAC |
| Total Harmonic Distortion/總諧波失/Distorsión armónica total | THD<18% |
| Protection Against Surgers/防護措施/PROTECCIÓN CONTRA LAS PROMOCIONES: | Line-Earth:6KV Line-Line:4KV |
| Light Source Brand-光源品牌-Fuente de luz de marca | CREE (Risk group 1 (low risk) from this according to EN 62471-photo biological safety) |
| "Lumen Maintenance LM-80 Reported by TM-21" | 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 and Color 色溫 and 顏色 Temperatura y color del color | 2700K / 3000K / 4000K/ 5000K/ 6500K |
| Color Rendering Index-顯色指數 Índice de reproducción cromática | >70 or >80 |
| MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning elipse | Standard Deviation Colour Matching 3 SCDM 標準偏差配色 3 SCDM Coincidencia de color estándar Desviación |
| Beam Angle 光束角 ángulo de haz | 90° 90°x60° |
| uminaire Efficacy 燈具效率 La eficacia de la luminaria | 110 lm/w(2700K) @CRI >70 ; 100 lm/w(2700K) @CRI >80 120 lm/w(3000K) @CRI >70 ; 100 lm/w(3000K) @CRI >80 140 lm/w(4000K) @CRI >70 ; 120 lm/w(4000K) @CRI >80 150 lm/w(5000K) @CRI >70 ; 130 lm/w(5000K) @CRI >80 150 lm/w(6500K) @CRI >70 ; 130 lm/w(6500K) @CRI >80 |
| LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia | 134 lm/w(2700K) @CRI >70 ; 134 lm/w(2700K) @CRI >80 143 lm/w(3000K) @CRI >70 ; 134 lm/w(3000K) @CRI >80 163 lm/w(4000K) @CRI >70 ; 143 lm/w(4000K) @CRI >80 171 lm/w(5000K) @CRI >70 ; 153 lm/w(5000K) @CRI >80 171 lm/w(6500K) @CRI >70 ; 153 lm/w(6500K) @CRI >80 |
| Housing materials 外殼材料 Materiales de la carcasa | Die-cast aluminium and Tempered glass 壓鑄鋁和鋼化玻璃 Aluminio fundido a presión y de vidrio templado |
| Housing Color 外殼顏色 color de la carcasa | Polyester powders Coating (RAL 9006 Silver) 聚酯粉末塗料(RAL 9006 銀灰色) Polvos de poliéster Revestimiento (RAL 9006 Plata) |
| Ingress Protection-防護等級 Protección de ingreso | IP65 |
| Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos | IK09 |
| Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento | -20 °C / +60 °C / -4 °F / +124 °F |
| Operating Humidity -工作濕度 Humedad de funcionamiento | 0~90%, non-condensing-不結霜 sin condensación |
| Dimension 尺寸 Dimensión | Dia 450mm x H: 195mm |
| Net Weight /Gross Weight 淨重/毛重 Peso Neto / Peso Bruto | 9.0kg /10.0kg @ 100W 9.3kg /10.3kg @ 120W 9.3kg /10.3kg @ 150W |
| Packing box size 包裝箱尺寸 Tamaño de la caja de embalaje | 480 x 480 x 170mm Remark(780pcs / 20"container or 1590 pcs / 40"container) |
| Certificate Standard Complied 符合安規標準 estándar certificado de cumplimiento | LED Luminaries: IEC 60598-1;IEC 60598-2-1;IEC62471;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 LED Module: IEC/EN 62031;IEC/EN 60838-2;IEC/EN 62471;LM-80-08:TM-21 |
| 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.

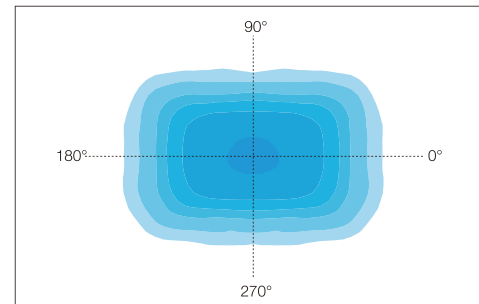
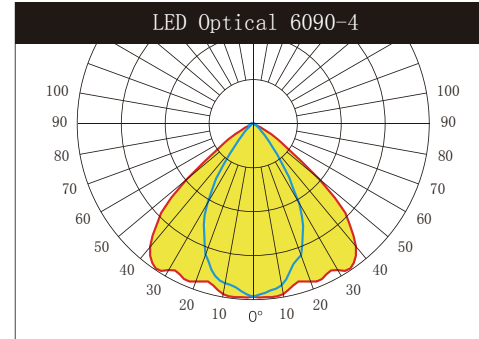
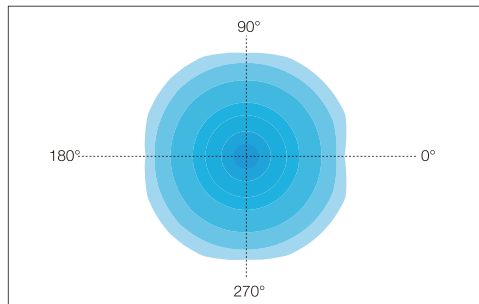
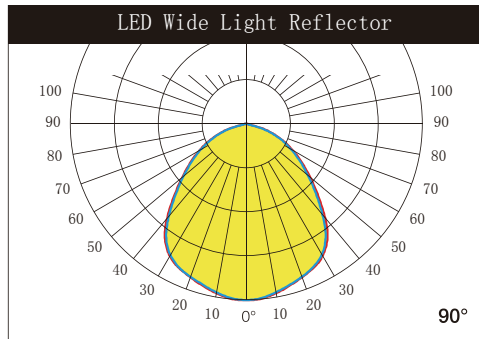
Example product code: [HAI-I-100W-SW-S-30-70](#)

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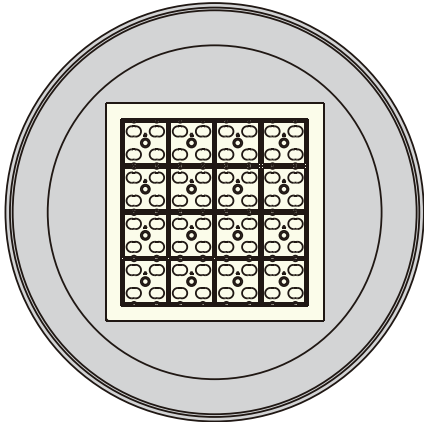
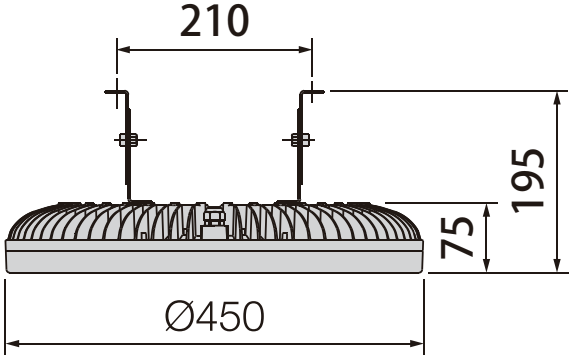
POWER CONSUMPTION
LED DRIVER TYPE
BEAM ANGLE
COLOR TEMPERATURE
COLOR RENDERING INDEX

| POWER CONSUMPTION | | LED DRIVER TYPE | | BEAM ANGLE | | COLOR TEMPERATURE | | COLOR RENDERING INDEX | |
|-------------------|-------------|-----------------|---------------------------|------------|-------------|-------------------|-------------|-----------------------|-------------|
| Code | Description | Code | Description | Code | Description | Code | Description | Code | Description |
| 100W | 100W | SW | ON/OFF Switch | S | 90° | 27 | 2700K | 80 | >80 |
| 120W | 120W | ELV | ELV Leading Ledge Control | M | 90°x60° | 30 | 3000K | 70 | >70 |
| 150W | 150W | DA | DALI diming | | | 40 | 4000K | | |
| | | DMX | DMX Diming | | | 50 | 5000k | | |
| | | RDM | RDM Diming | | | 65 | 6500K | | |
| | | ZI | ZIGBEE Wireless Control | | | | | | |

BEAM ANGLE



Technical Drawing



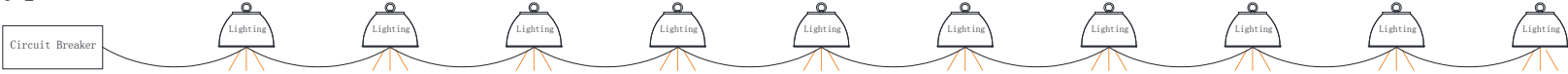
Unit: mm

Wiring Drawing

Type C

Unit light power: 100W

Max connect 10pcs one group.



AC220 16A one way

Circuit Breaker

Type C

Unit light power: 120W

Max connect 9pcs one group.



AC220 16A one way

Circuit Breaker

Type C

Unit light power: 150W

Max connect 7pcs one group.



AC220 16A one way

Circuit Breaker
