

HABEE V

50-300W IP65



Characteristic cooling fins maximize the cooling area and optimize the air convection, thus achieve 3D heat dissipation, guarantees longer lifetime and less maintenance.

Die-cast aluminum shell coated with polyester powders with high resistance to harsh outdoor environment.

Multiple beam angles are available for different installation heights.

Super high efficacy up to 170 lm/w.

ZigBee Dimming / Infrared Illuminance Sensor / Microwave Motion Sensor

Technical Data

Installation method / 安裝方式
Método de instalación

Suspended (Eye Blot) / Ceiling-mounted(Bracket) / Wall-mounted(Bracket)
吊掛式 (吊環) / 天花板安裝式(支架) / 牆面安裝式(支架)
Suspendido (con cáncamo) / Montado en el techo / Montado en la pared

Power Consumption with LED Driver
燈具功率 (包括LED驅動)
Consumo de energía con controlador de LED

Dia 255mm:	50W	60W	70W	80W	90W	100W
Dia 295mm:	110W	120W	130W	140W	150W	
Dia 335mm:	160W	170W	180W	190W	200W	
Dia 360mm:	220W	240W	260W	280W	300W	

Input Voltage / 輸入電壓
Voltaje de entrada

220-240VAC 50/60HZ

LED Driver Type / LED驅動款式
Tipo de controlador 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. ZIGBEE Wireless Control AC220-240V 50/60Hz
5. Infrared Illuminance Sensor / Microwave Motion Sensor
6. Emergency Backup >2 hours or >3 hours @ < 12 charger hours 應急電池 / Copia de seguridad de emergencia

Power Factor / 功率因數 / Factor de potencia

PF>0.95

Total Harmonic Distortion / 總諧波失 / Distorsión armónica total

THD <15%

Light Source Brand / 光源品牌
Fuente de luz de marca

LUMILEDS / CREE / OSRAM LED

Lumen Maintenance LM-80 Reported by TM-21

L70 > 54,000 Hours

LED Life / LED壽命 / La vida del LED

>100,000 hours

Color Temperature / 色溫 / Temperatura y color

3000K 4000K 5000K 5700K 6500K

Color Rendering Index / 顯色指數
Índice de reproducción cromática

>70
>80

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

Beam Angle / 光束角 / ángulo de haz

60° 90° 120°

Luminaire Efficacy / 燈具效率
La eficacia de la luminaria

Advance Series		
140 Lm/w@ 3000K	150 Lm/w@ 4000K	155 Lm/w@ 5000K
155 Lm/w@ 5700K	155 Lm/w@ 6500K	
High Efficiency Series		
160 Lm/w@ 3000K	170 Lm/w@ 4000K	175 Lm/w@ 5000K
175 Lm/w@ 5700K	175 Lm/w@ 6500K	

Housing materials / 外殼材料
Materiales de la carcasa

Die-cast aluminium and Polycarbonate
壓鑄鋁和聚碳酸酯
Aluminio fundido a presión y policarbonato

Housing Color / 外殼顏色 / color de la carcasa

Matte Black / 啞光黑色 / Negro mate

Ingress Protection / 防護等級
Protección de ingreso

IP65

Mech impact protection / 機械衝擊保護
Protección contra impactos mecánico

IK09

Operating Temperature Range / 工作溫度範圍
Rango de temperatura de funcionamiento

-20 °C / +45 °C

Storage Temperature / 儲藏溫度
Temperatura de almacenamiento

-20 °C / +45 °C

Operating Humidity / 工作濕度 / Humedad de funcionamiento

0~90% non-condensing / 不結霜 / sin condensación

Dimension(with Ring) / 尺寸(包含吊環) / Dimensión (con anillo)

Dia 255 x H 152mm 50W-100W	Dia 295 x H 152mm 110W-150W
Dia 335 x H 152mm 160W-200W	Dia 360 x H 152mm 220W-300W
Detail Refer to drawing	

Certificate Standard Complied
符合安規標準
estándar certificado de cumplimiento

LED Luminaries: IEC 60598-1:2017 ; IEC 60598-2-1:1987; IEC TR 62778:2014 (RG1); IEC 62031:2014(LED Modul); IEC 61058-2000 (Sensor); ROHS
LED Driver: IEC/EN 61347-1; IEC/EN 61347-2-13; IEC/EN 61347-2-13; EN 55015; EN 61000-3-2; EN 61000-3-3; EN 61547; EN 62384

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: [HABEE-100W](#)

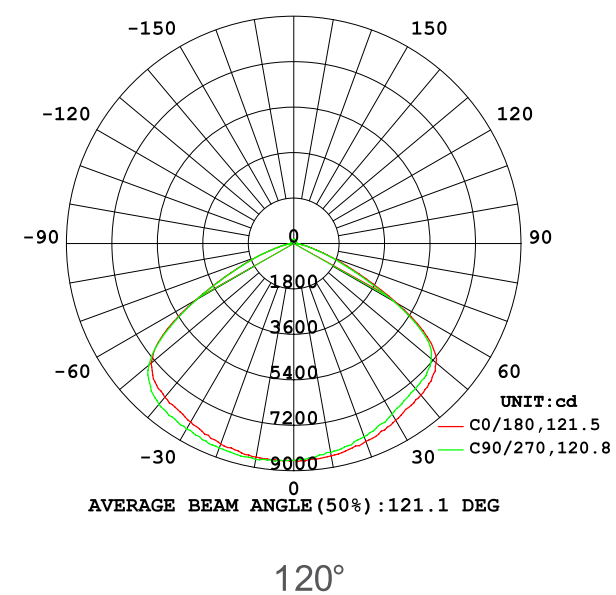
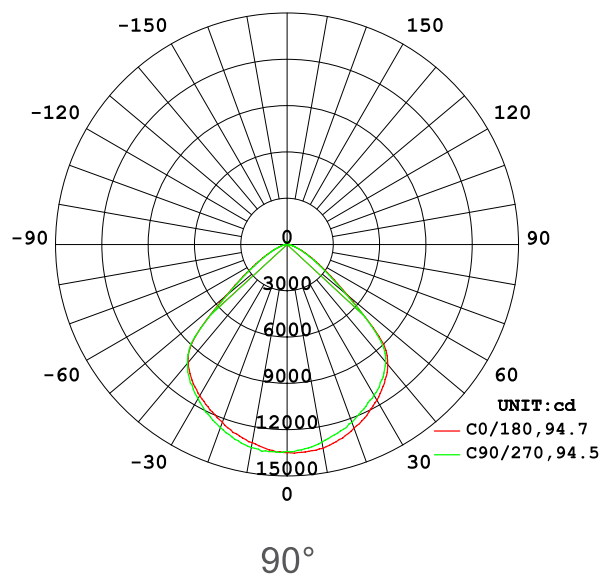
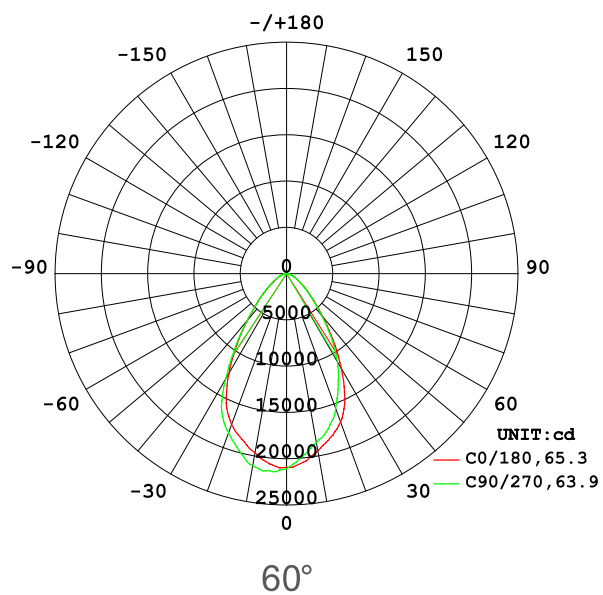
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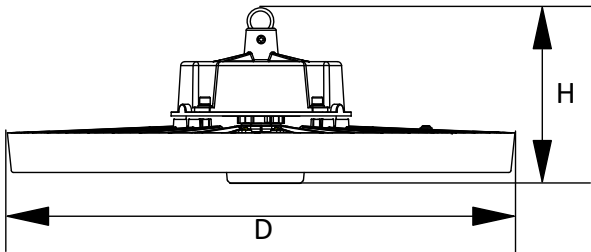
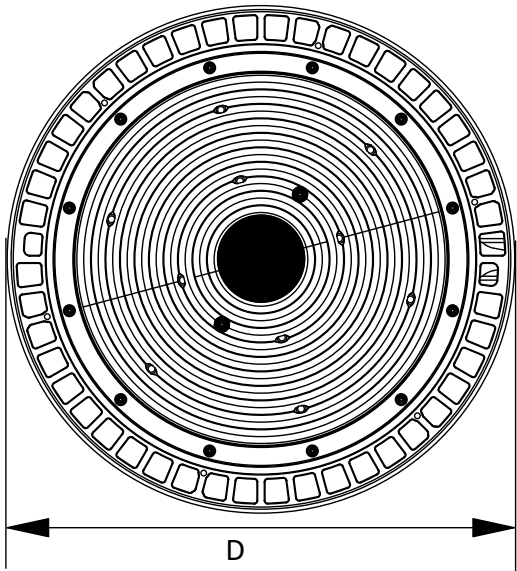
POWER
CONSUMPTION

POWER CONSUMPTION		POWER CONSUMPTION	
Code	Description	Code	Description
50W	50W @ Dia 255mm	160W	160W @ Dia 335mm
60W	60W @ Dia 255mm	170W	170W @ Dia 335mm
70W	70W @ Dia 255mm	180W	180W @ Dia 335mm
80W	80W @ Dia 255mm	190W	190W @ Dia 335mm
90W	90W @ Dia 255mm	200W	200W @ Dia 335mm
100W	100W @ Dia 255mm	220W	220W @ Dia 360mm
110W	110W @ Dia 295mm	240W	240W @ Dia 360mm
120W	120W @ Dia 295mm	260W	260W @ Dia 360mm
130W	130W @ Dia 295mm	280W	280W @ Dia 360mm
140W	140W @ Dia 295mm	300W	300W @ Dia 360mm
150W	150W @ Dia 295mm		



BEAM ANGLE





Model	Dimension(mm)		Outer Carton(mm) L			QTY/ CTN	NW(kg)
	D	H	W	H			
50W-100W	Ø255	152	539	274.5	328	4	2.1
110W-150W	Ø295	152	613	311.5	328	4	2.4
160W-200W	Ø335	152	699	354.5	328	4	3.1
220W-300W	Ø360	152	810	411	325	4	3.25

Unit: mm