







HABEE X

50-200W 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.
- Microwave motion sensor available

Technical Data

Luminaire Type- 安裝方式 Tipo de luminaria	Mounting by Bracket or Hanging by ring 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	<ul style="list-style-type: none"> • Dia 255mm: 50W 60W 70W 80W 90W 100W • Dia 300mm: 110W 120W 130W 140W 150W • Dia 365mm: 160W 170W 180W 190W 200W • Dia 386mm: 220W 240W 260W 280W 300W 	
Input Voltage / 輸入電壓 Voltaje de entrada	<ul style="list-style-type: none"> • 220-240VAC 50/60HZ • 249-528VAC 50/60HZ 	
Control Protocol/控制協議/Protocolo de Control	SW: ON/OFF Switch Driver DA: DALI Dimming Driver RDM : RDM Dimming Driver MS: Motion Sensor	AN: 1-10V Dimming Driver DMX: DMX 512 Dimming Driver ZI: ZIGBEE Wireless Control DS: Daylight Sensor
Power Factor / 功率因數/Factor de potencia	PF>0.95	
Total Harmonic Distortion/總諧波失/Distorsión armónica total	THD<20%	
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	
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 elipse	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	<p>Standard Series</p> <p>120 Lm/w@ 3000K 130 Lm/w@ 4000K 135 Lm/w@ 5000K 135 Lm/w@ 6500K</p> <p>Advance Series</p> <p>140 Lm/w@ 3000K 150 Lm/w@ 4000K 155 Lm/w@ 5000K 155 Lm/w@ 6500K</p> <p>High Efficiency Series</p> <p>160 Lm/w@ 3000K 170 Lm/w@ 4000K 175 Lm/w@ 5000K 175 Lm/w@ 6500K</p>	
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	
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-30 °C / +50 °C	
Mech impact protection機械衝擊保護 Protección contra impactos mecánico	IK10	
Storage Temperature/儲藏溫度 Temperatura de almacenamiento	-40 °C / +50 °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)	Eye Blot : Dia 255 x H 162mm 50W-100W Eye Blot : Dia 365 x H 177mm 160W-200W Detail Refer to drawing	Dia 300 x H 177mm 110W-150W Dia 386 x H 192mm 220W-300W
Net Weight(with bracket) 淨重(含安裝支架) Peso neto (con soporte)	2.2kg @ Dia 255mm 50W-100W 4.2kg @ Dia 365mm 160-200W	3.2kg @ Dia 300mm 110W-150W 5.2kg @ Dia 386mm 200-300W
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

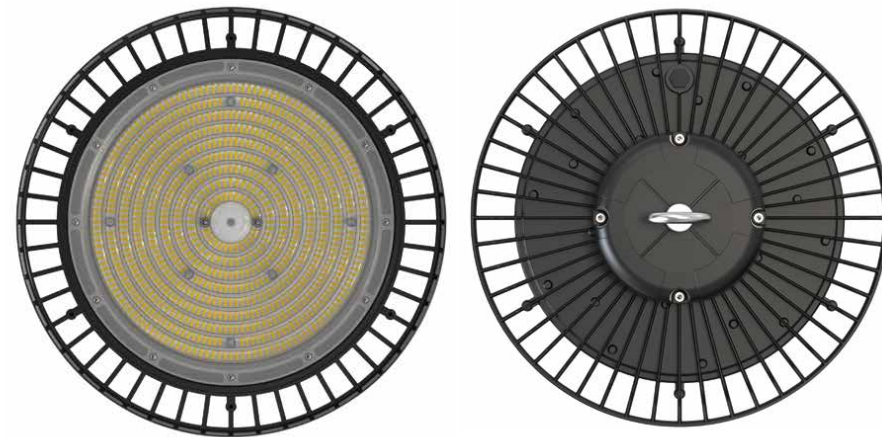
Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [HABEE-100W](#)

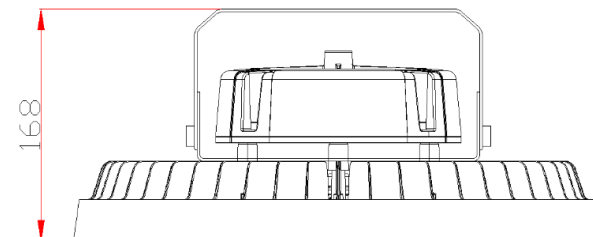
HABEE - -

POWER
CONSUMPTION

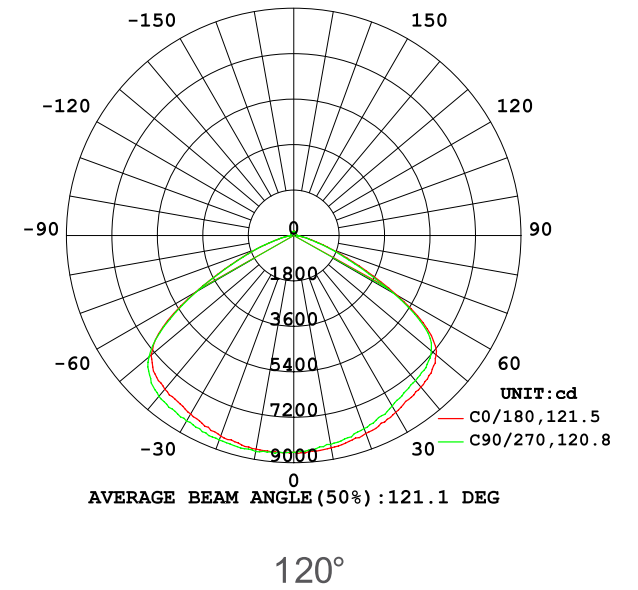
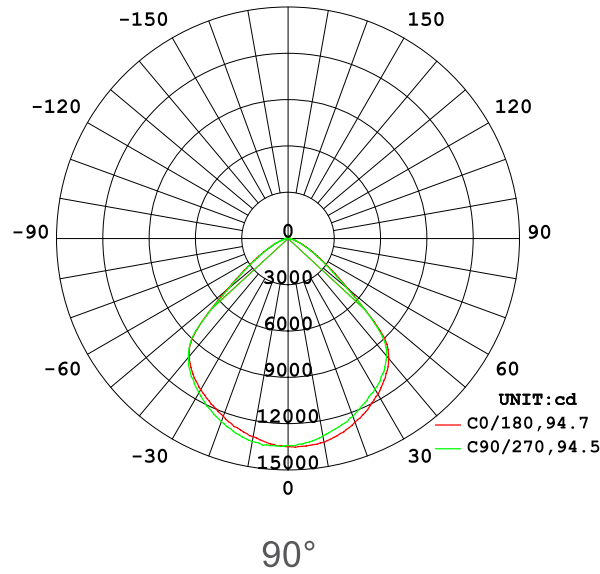
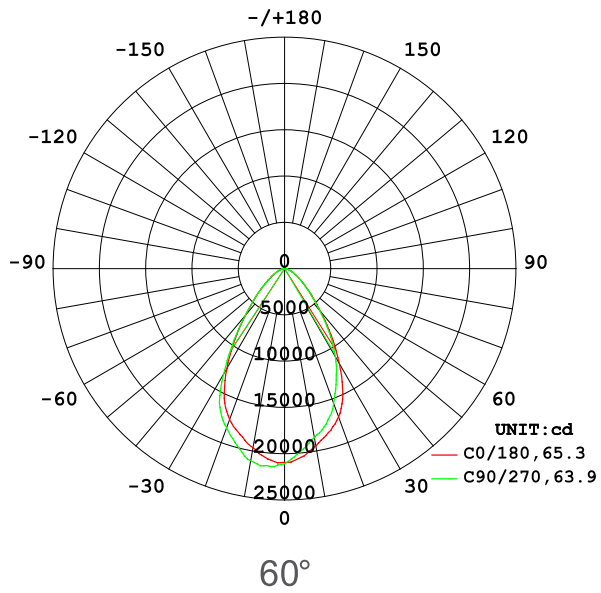
POWER CONSUMPTION	
Code	Description
50W	50W @Dia 255mm
60W	60W @Dia 255mm
70W	70W@Dia 255mm
80W	80W @Dia 255mm
90W	90W @Dia 255mm
100W	100W @Dia 255mm
110W	110W @Dia 300mm
120W	120W @Dia 300mm
130W	130W @Dia 300mm
140W	140W @Dia 300mm
150W	150W @Dia 300mm
160W	160W @Dia 365mm
170W	170W @Dia 365mm
180W	180W @Dia 365mm
190W	190W@Dia 365mm
200W	200W@Dia 365mm
220W	220W @Dia 386mm
240W	240W @Dia 386mm
260W	260W @Dia 386mm
280W	280W @Dia 386mm
300W	300W @Dia 386mm



Surface Mounting Bracket

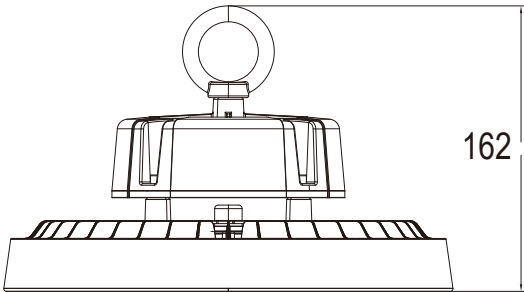


BEAM ANGLE

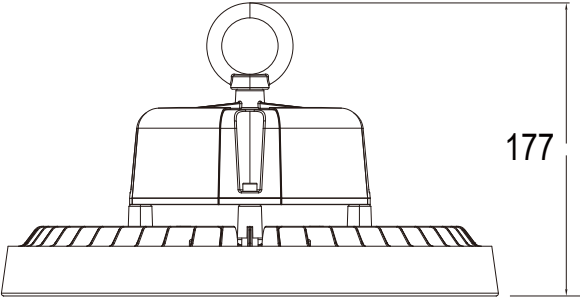


Technical Drawing

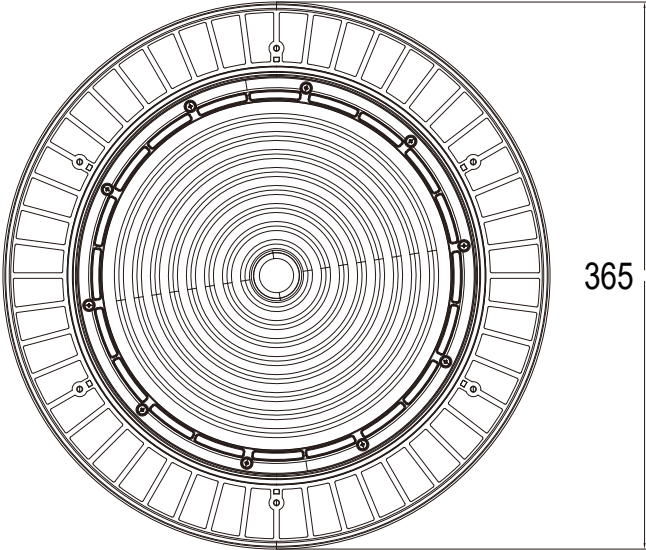
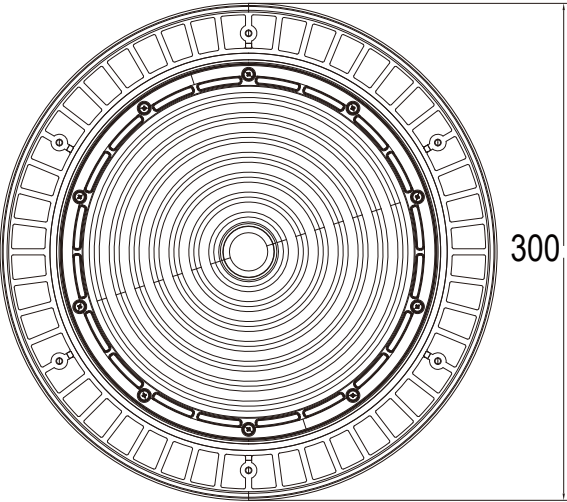
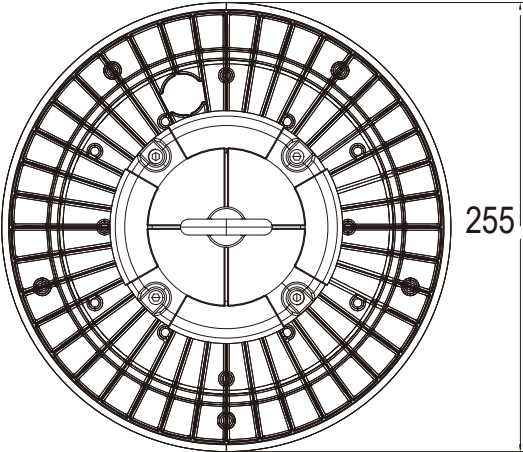
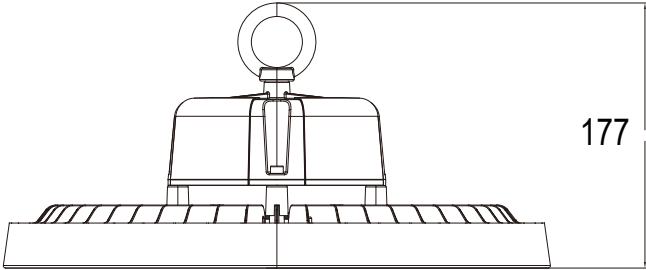
50-100W



110-150W

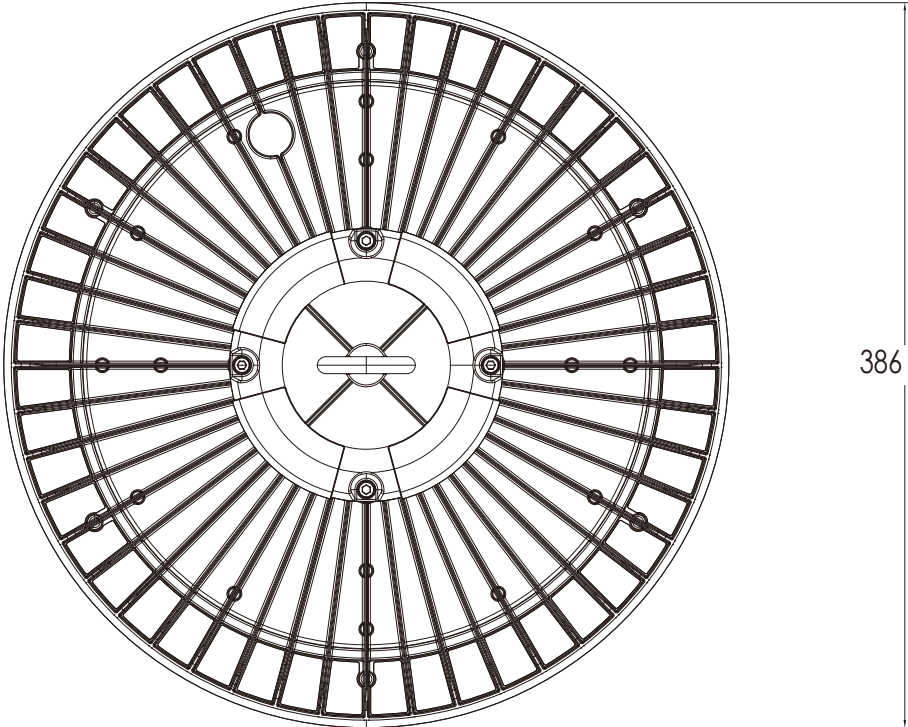
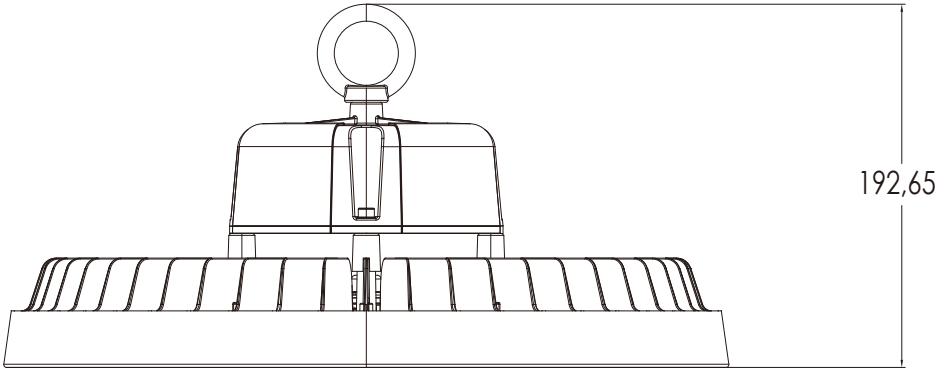


160-200W



Unit: mm

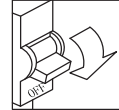
Technical Drawing



220W-300W

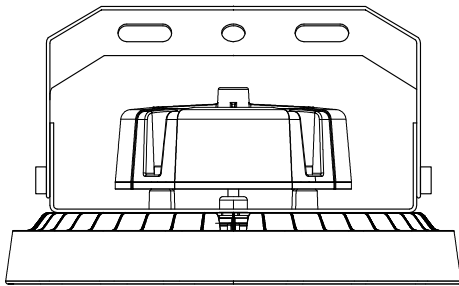
Unit: mm

Fixture Type: LED Highbay Light HABEE Series

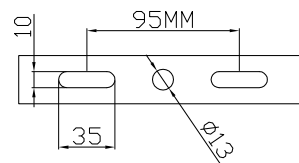


Please read the instruction manual carefully before commencing installation and retain for future reference; Please switch off the electricity at the mains before installation and operated by professional personnel.

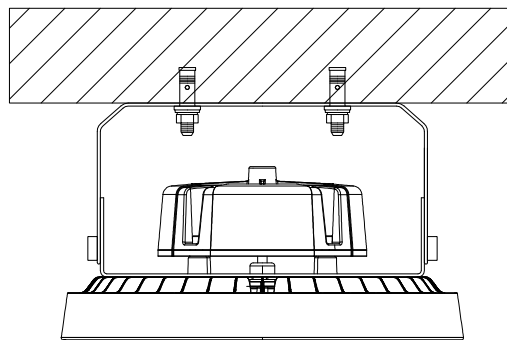
1



2



3



*For more details, refer to data sheet.