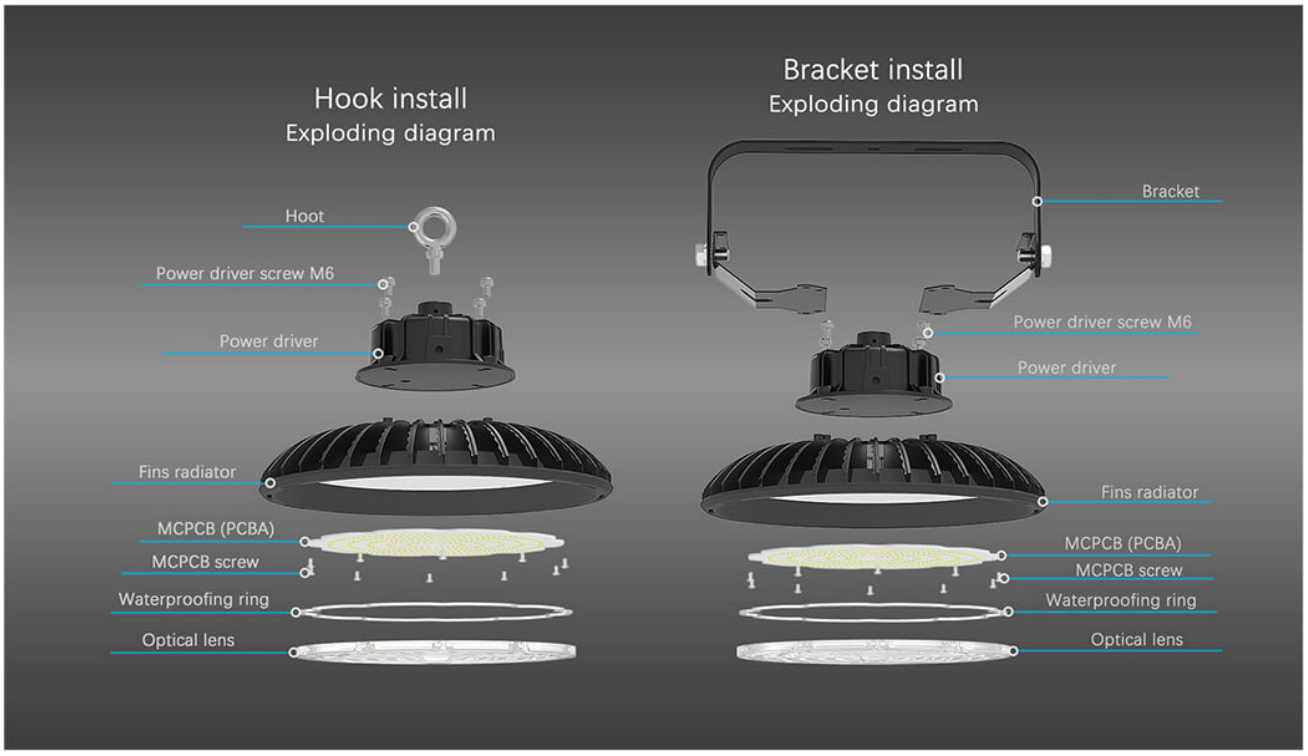
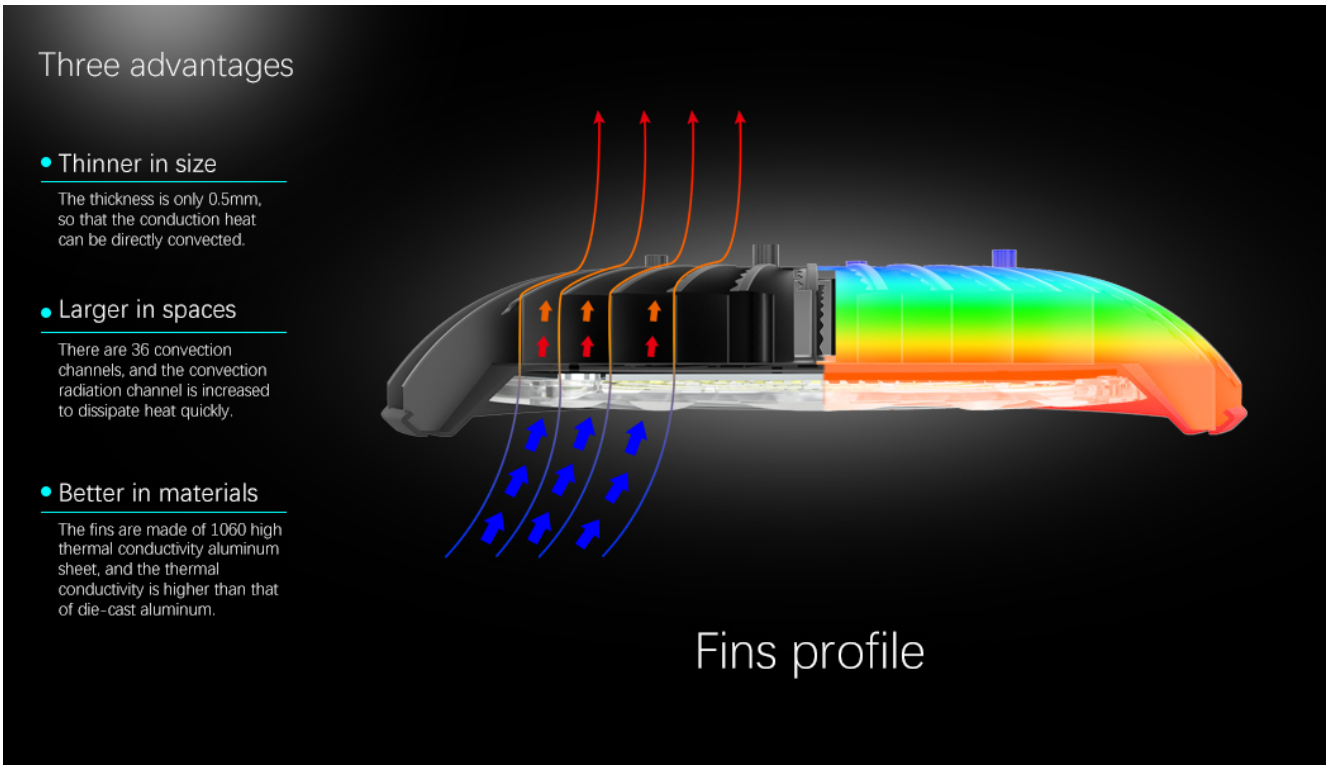
ULTRABAY ECO

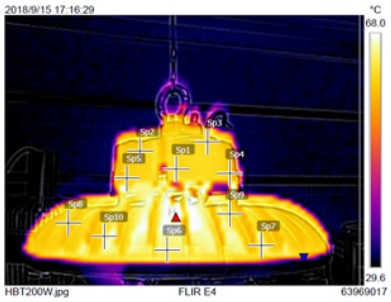
LED Industrial High Bay Light

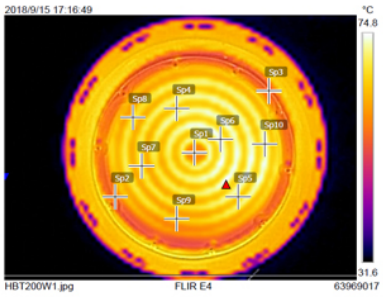
Specifications			
Power	80W/100W	130W/150W	180W/200W
Input Voltage	AC90-305V 50/60Hz		
Output Voltage	DC45-47V		
Color temperature	2800-3200 / 4000-4500 / 5500-6000K		
CRI(Ra)	Ra>70 & Ra>80		
Average Beam angle(50%)	60°/90°		
Light Efficiency Luminair	155Lm/W	155Lm/W	155Lm/W
Lumen output	80W: 12400Lm	130W: 20150Lm	180W: 27900Lm
	100W: 15500Lm	150W: 23250Lm	200W: 31000Lm
LED (Tiandan 2835)	208pcs	320pcs	440pcs
Driver (Meanwell/Sosen)	100W	150W	200W
UGR		20	
Power Factor(Typ)		≥0.95	
Operating Temperature	(-40～+60 ℃)		
IP protection grade		IP65	
Life Span	50.000H (L70B50)		
Main Materials	Aluminum, LED, Plastic		
Operating Humidity	20%～90%		
Storage Temperature	(-40°C～+80 ℃)		
Lumen Maintenance	>85% 5.000Hrs		

Additional Parameters			
Replacement value compared to traditional lightsource (HPS ,MH, HID)	80W ≥200W 100W ≥250W	130W ≥325W 150W ≥375W	180W ≥450W 200W ≥500W
Energy Saving	60%		
Luminance at H 5m	80W = 320.6Lx 100W = 402Lx	130W = 894.5Lx 150W = 972.9Lx	180W = 957.8Lx 200W = 1045Lx
Luminance at H 10m	80W = 80.15Lx 100W=100.5Lx	130W = 223.6Lx 150W = 243.2Lx	180W = 239.4Lx 200W = 261.2Lx
Maximum temperature on housing at 25°C test environment temperature	80W = 59.4 °C 100W = 61.4°C	130W = 68.7 °C 150W = 70.7 °C	180W = 75.7 °C 200W = 76.8 °C
Maximum temperature on LED at 25°C test environment temperature	80W = 61.9 °C 100W = 64.9 °C	130W = 83.4 °C 150W = 83.4 °C	180W = 78.8°C 200W = 79.8 °C
Maximum temperature on Driver at 25°C test environment temperature	80W = 51.4 °C 100W = 55.4°C	130W = 61 °C 150W = 64 °C	180W = 64.6 °C 200W = 67.6 °C
Net weight	2,5Kg	3,0Kg	3,5Kg
Gross Weight (package incl.)	3,7Kg	4,2Kg	4,8Kg
Package Size (mm)	345x345x210	345x345x210	405x405x215
Installation accessories	Adjustable bracket, Hook		

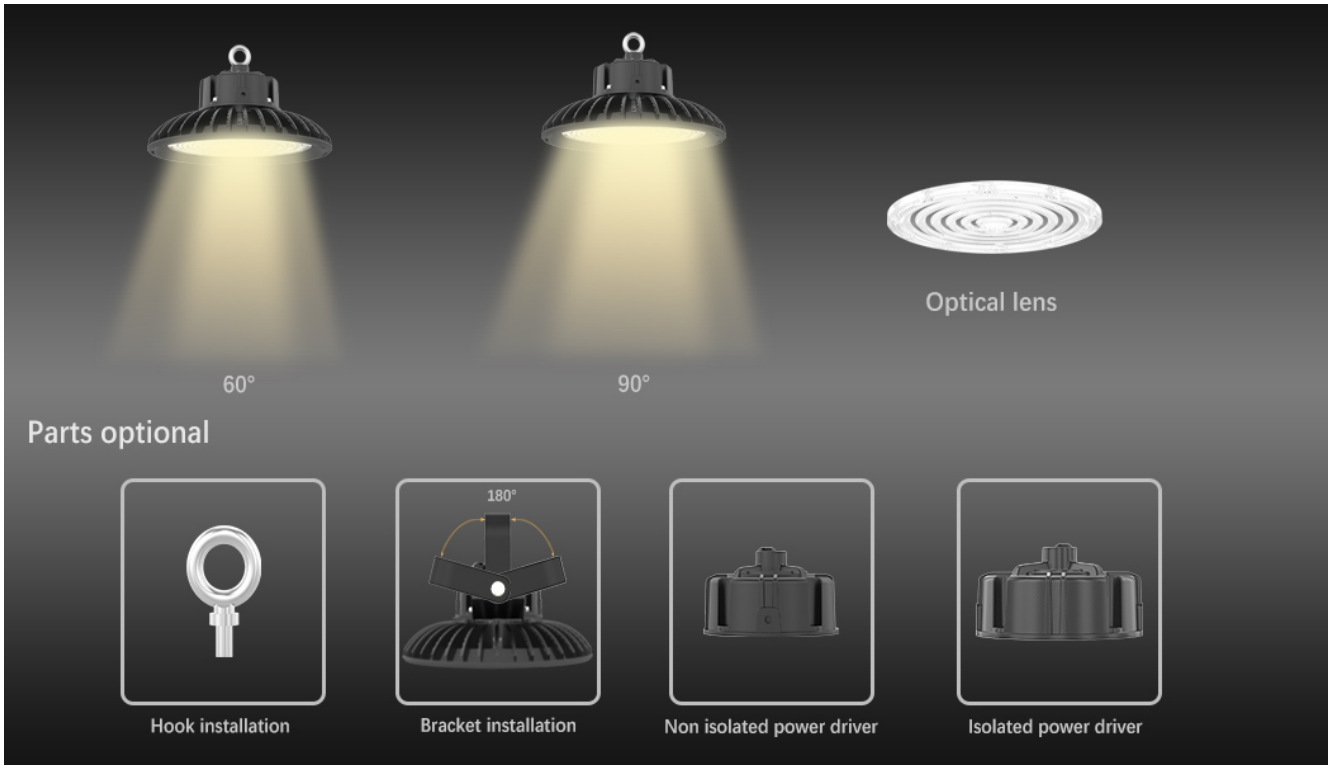


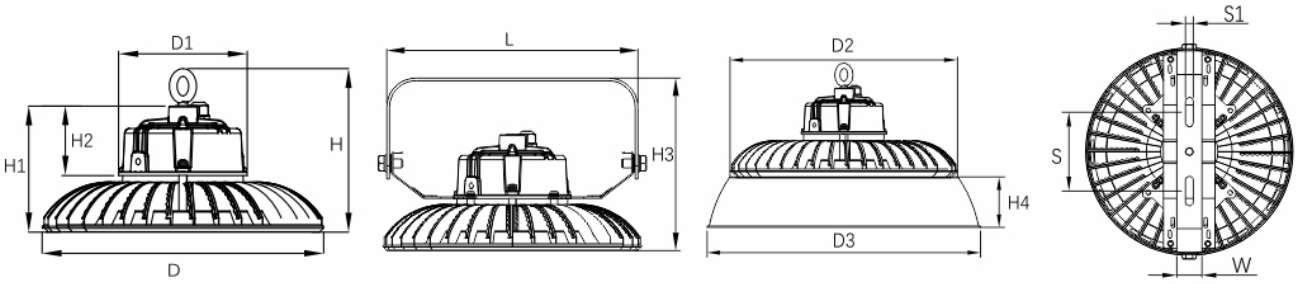






The combination of high thermal conductivity materials.The whole lamp is tested by thermal radiation: HBT-200W The lowest operating temperature of the radiator is 61 degrees, the highest temperature is 65.3 degrees, the lowest operating temperature of the LED light source is 66.1 degrees, the highest temperature is 73.8 degrees, the whole product greatly improved the life and stability.





unit:mm

Model	D	D1	D2	D3	H	H1	H2	H3	H4	L	W	S	S1
XJ-HBT80W-L	⌀ 289.3	⌀ 132	⌀ 289	⌀ 362.3	168	129.5	71	193	75.7	281	35	110	11
XJ-HBT100W-L	⌀ 289.3	⌀ 132	⌀ 289	⌀ 362.3	168	129.5	71	193	75.7	281	35	110	11
XJ-HBT130W-L	⌀ 289.3	⌀ 151	⌀ 289	⌀ 362.3	184.5	135.5	74	193	75.6	281	35	110	11
XJ-HBT150W-L	⌀ 289.3	⌀ 151	⌀ 289	⌀ 362.3	184.5	135.5	74	193	75.6	281	35	110	11
XJ-HBT180W-L	⌀ 351	⌀ 151	⌀ 351	⌀ 422	190	141	74	201.5	76.5	280	35	110	11
XJ-HBT200W-L	⌀ 351	⌀ 151	⌀ 351	⌀ 422	190	141	74	201.5	76.5	280	35	110	11


Microwave
Microwave motion sensor is innovative and active motiondetectors with HF system 5.8GHz.they can achieve 3-step dimming. implementdaylight harvesting, has automated controls.
DALI
Agreement
DALI stand for Digital Addressable Lighting Interface and is a protocol set out in the technical standard IEC 62386.
ZigBee
Ad hoc network (Mesh network):Frequency hopping: Zigbee has 16 channels in 2.4G. If the current channel is interfered by other signals, it will automatically jump to other channels for communication.
Network capacity:Zigbee network capacity is large, a network can support more than one device.
Safety:Zigbee uses AES128 encryption. Encryption level is high.
Short time delay and low power consumption.
Easy to instal
Professional design
Efficient heat dissipation