



## Creative design

Industry pioneer, **ONLY** we can make it  
Thoroughly turned off under 0-10V dimmable  
Tiny power consumption

## IHBL 200 W( dim to 150W/100W/85W)

Intelligent group networking/microwave radar induction/integrated design

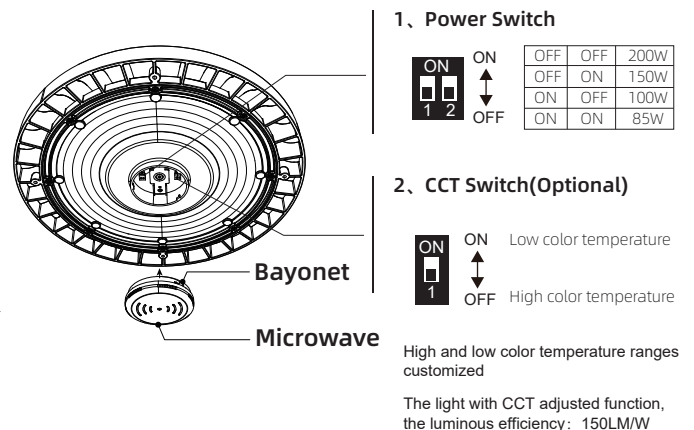
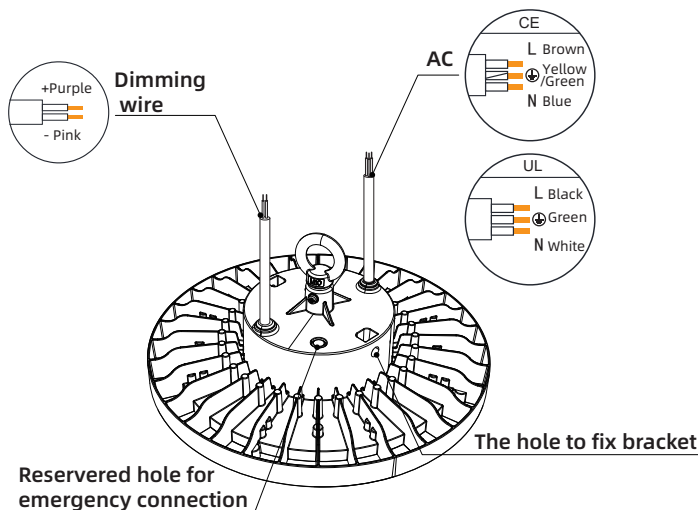
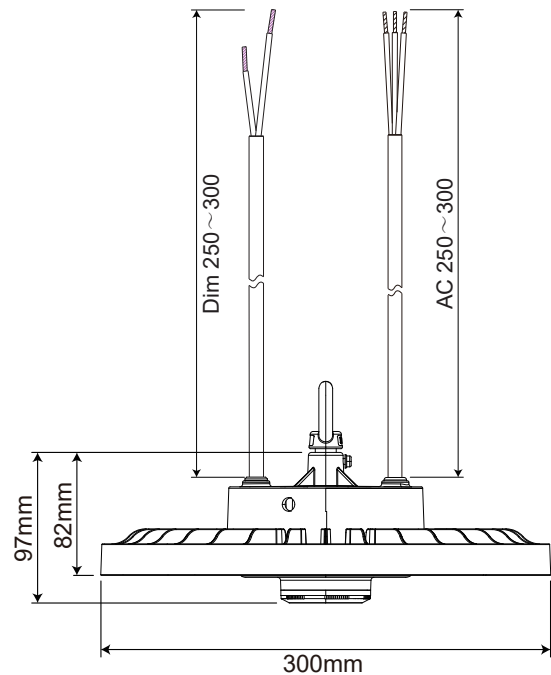


## Product presentation

IHBL Series is a light-weight integrated design of industrial and LED high bays specially designed for brand distributors, the overall lighting efficiency can be up to 200LM/W. Keeping the product function, and reduce multiple power to one SKU, reducing the customer's inventory while taking into account multiple power adjustment by the customer, also considering 0-10V/PWM dimming. Intelligent networking and microwave radar sensing function, while adding emergency power interface.

## Product Features

- ◆ Wattage: 200W(Dimming to 150W/100W/85W)
- ◆ CCT: High and low color temperature ranges customized
- ◆ Lighting efficiency: 150LM/W(R80)/170LM/W(R80)/190LM/W(R70);
- ◆ Beam angle: 90°(Channel version: one Angle can cover more than 90% of the market)
- ◆ Protection grade: IP65 IK08
- ◆ Operating environment: -40~50°C, life span 50000H;
- ◆ Power protection: power supply short circuit protected (SCP)/overvoltage protection(OVP)/over temperature protection(OTP);
- ◆ Dimming control: 0-10V/PWM, auxiliary power supply 200MA 12V;
- ◆ Controller selecting: single lamp microwave sensors/group microwave constant illuminance controller are available in two standard configurations;
- ◆ Installation(suspending /wall mounted)Meet different customers' s demands.

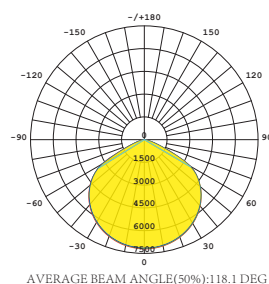
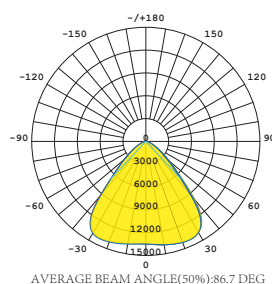


## Specification parameter

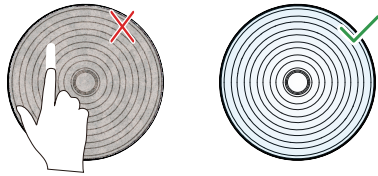
Parameter		IHBL -200W			
Wattage		200W (Dimming)	150W (Dimming)	100W (Dimming)	85W (Dimming)
Input Voltage		100-277VAC			
Input Current		0.91A/220VAC	0.68A/220VAC	0.45A/220VAC	0.38A/220VAC
PF		>0.95/220VAC			
Dimming		3 in 1 dimming (PWM, 0-10V, resistor) , Power dial or internal microwave controller			
Dimming DC 12V driver		12VDC±10%, Max current 200mA ( Dimming : External control and built-in microwave control can only be used , Only use in 12V)			
Typical efficiency Ra80, Total lumens	Typical Efficiency	155lm/W	160lm/W	163lm/W	165lm/W
	luminous Flux(±10%)	31000lm	24000lm	16300lm	14025lm
High efficiency Ra80, Total lumens	Typical Efficiency	175lm/W	180lm/W	183lm/W	185lm/W
	luminous Flux(±10%)	35000lm	27000lm	18300lm	15725lm
High efficiency Ra70, Total lumens	Typical Efficiency	190lm/W	195lm/W	198lm/W	200lm/W
	luminous Flux(±10%)	38000lm	29250lm	19800lm	17000lm
Color temperature		High and low color temperature ranges customized			
Beam angle		90° / 120°			
Working temperature and humidity		-40 ~ 50°C, 20 ~ 95%RH non-condensing			
Storage temperature and humidity		-40 ~ 85°C, 10 ~ 95%RH non-condensing			
Life span		50000Hours			
Surge lighting stroke		4KV/4KV			
IP/ IK protection grade		IP65 / IK08			
Certificates		Accord with ETL, CB, CE, PSE, SAA, ROHS2.0			
Materials color		Housing: die-casting aluminium Housing color: Black( RAL9005) Optics lens: PC			
Installation		Suspending/wall mounted(reference the instruction)			
Warranty		5 years			

Remarks: During voltage test, separate driver and luminaire, remove the gas from driver discharge tube grounding/disconnecting device (screw and metal lock plate). On drive cavity is removed temporarily to prevent functional action of gas discharge tube inside drive (see IEC 60598-1-10.2). Upon completion of the test, nuts and metal locks shall be reinstalled to restore power line surge protection to the ground and ensure reliable contact between metal locks and end caps.

## Photometric diagram



## Like warm and prompt

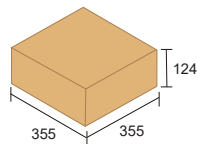


A periodic inspection and maintenance plan should be established in accordance with environmental and other relevant factors affecting the long term luminaire/equipment operation and secure mounting.

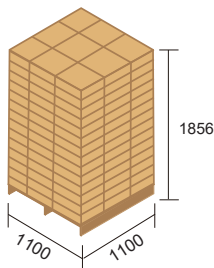
**A secondary fall arrest kit is recommended for all suspended luminaires/equipment.**

## Container Volume Calculation

Unit: mm



QTY of containers installed		Unit PCS		
IHBL	Container	20GP	40GP	40HQ
	Product Qty	1728 pcs	3564 pcs	3900 pcs



QTY of containers installed		Unit PCS		
IHBL	Pallets(1100×1100×120mm)	Container	20GP	40GP
	Product Qty: 126PCS	Pallets Qty	10 pcs	20 pcs
		Product Qty	1260 pcs	2520 pcs