



CES-LS-HBL-APLII-150W

Applications:

- ※ Widely used in factories, gyms, warehouses, squares, shipping spot, airports, subways, business areas, overpasses, billboards, buildings and other outdoor lighting areas.

Working Conditions:

- ※ Operating voltage: AC90V-305V-1.50A; 50/60Hz.
- ※ Working environment: -30°C to 50°C.
- ※ Application: IP65 design for indoor and outdoor.

Product Features:

- ※ Housing: the airflow design and beautiful shape; The heat could be quickly taken out by the airflow. Fin aluminium with fast heat dissipation. Light weight with only 1/3 of the die-casting one, which could effectively save the freight cost and installation cost.
- ※ Driver: Constant current driver, high PF, high efficiency, perfect protecting ability, mean well driver HBG series, great quality and long lifespan.
- ※ LED: EMC3030, ultrathin packaging, excellent thermostability and anti-uv performance, high light efficiency, high CRI, low thermal resistance, low attenuation and long lifespan.
- ※ The structure of housing could help rain water drop out from the light, excellent elastic silicone keep the the good performance of seal, the connection of power wire is double protection, which could prevent dust and water, IP65 protection.
- ※ The function of microwave induction is optional for this product, based on the Doppler effect, adopts the most advanced planar antenna, also could effectively suppress high order harmonics and other clutter interference, the product own the advantages of high sensitivity, reliability, safe, convenient, intelligence and energy-saving, and become the first selection of intelligent building and the property of modern products.
- ※ This product is available for emergency function, with lithium battery. The standard emergency power is 5/10/20/30W, after power off the emergency lighting last for 2, 3 or 5 hours, can be adjusted to meet customers' need. It's the preferred solution applied to the safety of the public emergency lighting.

Quality Assurance :

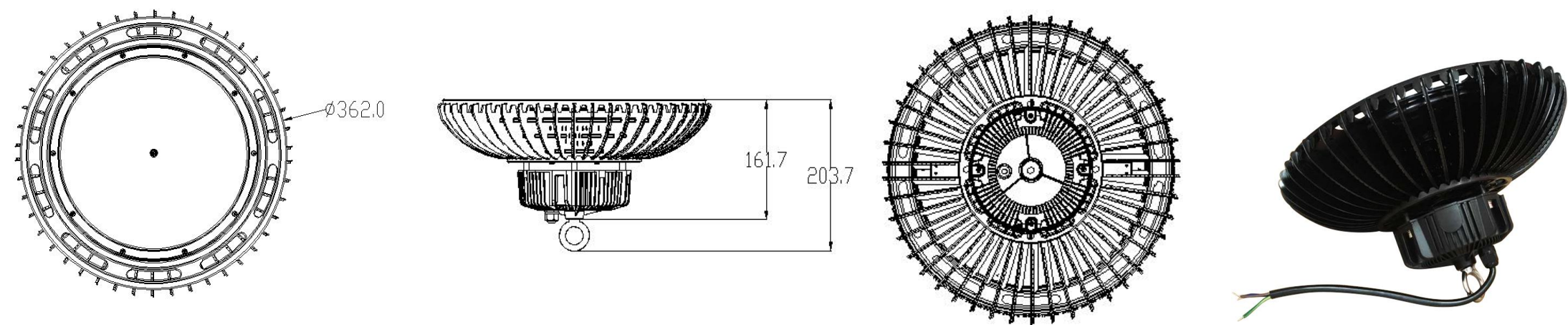
- ※ Quality assurance is based on right storage, transportation, installation, using and maintenance of the products.
- ※ Failure of the products resulted from artificial damage, or the use out of requirement, not covered under warranty.
- ※ Three years warranty, during the warranty period, the company will select the appropriate warranty service according to the actual situation, including maintenance, replacement of parts or replacement of the product.

Product Parameter:

Model Number	Voltage	Power	Power Factor	Luminous Flux	Tc	CRI	Beam Angle	Size Of Carton	Quantity/ Carton	Net Weight /Light	Gross Weight /Carton
	U(Vac)	P(W)	PFC	Φ(Lm)	(K)	Ra	(°)	(Mm)	(Pcs)	(Kgs)	(Kgs)
CES-LS-HBL-APLII-150W-WW	90-305	150	0.95	19500	3000	>70	60/110	L*W*H (470*470*205)	1	4.14	5.56
CES-LS-HBL-APLII-150W-PW	90-305	150	0.95	20250	4000	>70					
CES-LS-HBL-APLII-150W-CW	90-305	150	0.95	21000	5000 5700	>70					

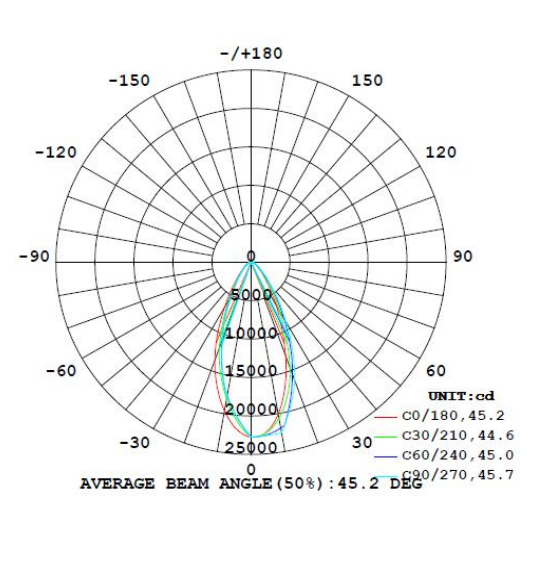
Product Structure Diagram:

Product size (Unit: mm)
Size: Ø362*204(mm)

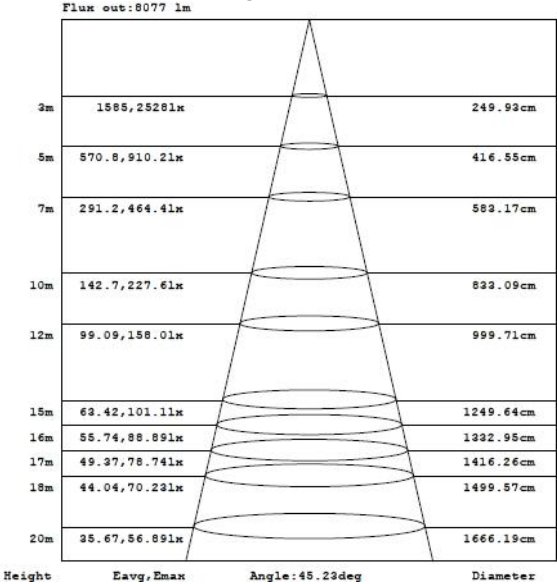


Luminaire Test Report:

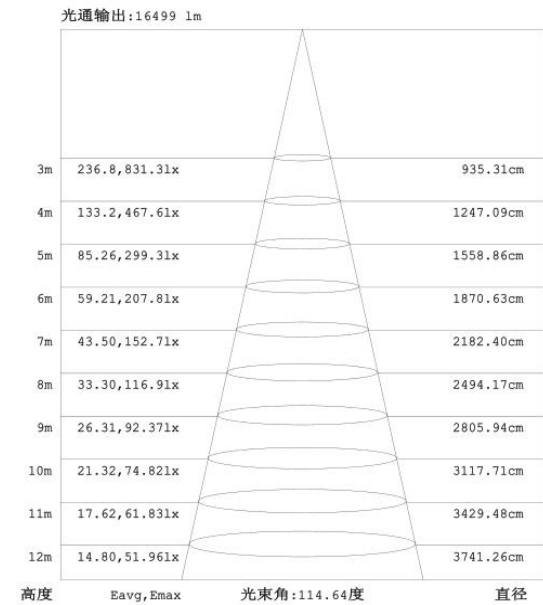
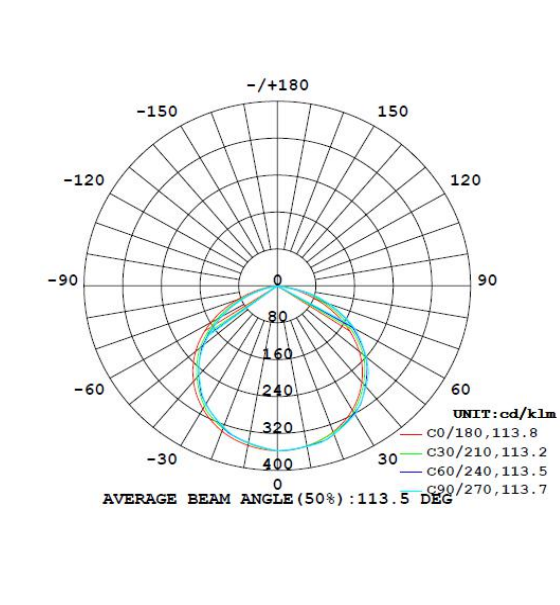
Light distribution curve



AAI Figure

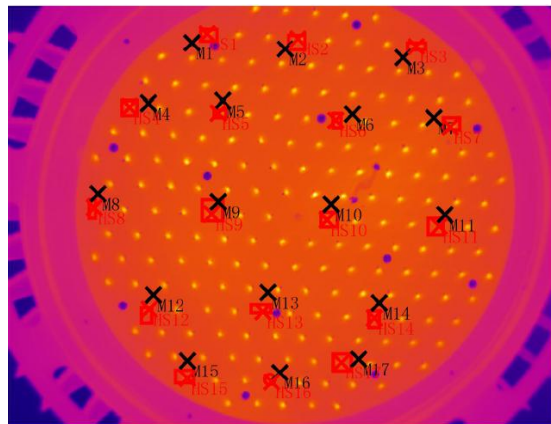


Distance(m) Ø	Illuminance at a DistanceE(lx)
3M	2528
5M	910.2
7M	464.4
10M	227.6
12M	158



Distance(m) Ø	Illuminance at a DistanceE(lx)
3M	831.3
5M	299.3
7M	152.7
8M	116.9
10M	74.82

Temperature Test Report:



Radiance: 0.94
Reflecting the temperature [°C]: 30.0

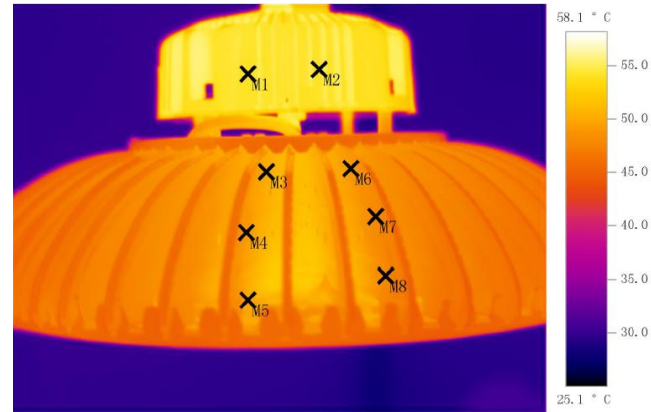


Photo Parameters:
Radiance: 0.94
Reflecting the temperature [°C]: 30.0

Temperature test report of finished product	
Power : 150W	
Input voltage: 220V, 50Hz	
Power factor : 0.976	
Test of time: 3h	
Environment temperature: 33.1°C	
LED	66
PCB	61
POWER	54
THE SHELL	50

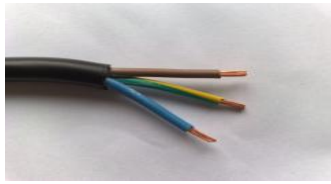
Microwave Motion Sensor Introduction:

ON-OFF Function(with ON-OFF Power):



- ① With sufficient light, the lamp doesn't switch on.
- ② With insufficient ambient light, the sensor switches on the lamp when motion is detected.
- ③ After hold time, the sensor switches off the lamp when no motion is detected.

Installation:

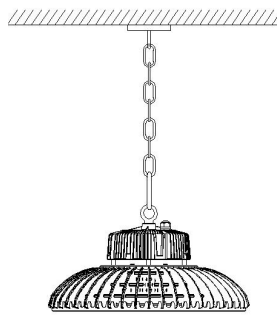


1. Pls connect the input wire in correct way, brown wire is L, Blue wire is N, yellow and green wire is ground connection. Pls also make sure the wire connection is fixed perfectly before using.

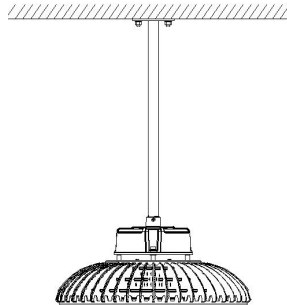
Announcements:

1. This equipment is only a professional installation. Non-professional personnel shall not remove or install the equipment.
2. Please read the instruction manual before installation and keep it for future reference.
3. To avoid damage, falling, electric shock or fire, please do not modify the lamp or replace accessories without confirming with the supplier first.
4. Maintenance/installation and replacement the lamps, please confirm to cut off the power supply, and the lamps have set up a cooling. Please make sure the lamps and has been properly installed before processing power.
5. Ensure the accurate and reliable connection.
6. Ensure that the product around the vent, the lamp cannot violate any fire prevention regulations when using.

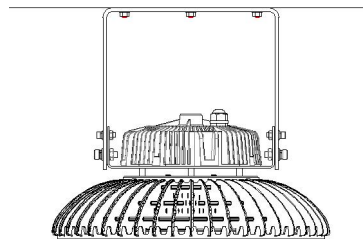
Installation:



suspension mounting



piping mounting



bracket mounting

