

A Series UFO

LED High Bay Light



IES **170**LM/W



Advantage

1. High brightness; low light degradation; long lifespan; even light and no dark shadows.
2. Integrated highquality acrylic lens, 93% light transmission rate, antioxidation, optional for 60°or 90°, anti corrosion and dust free.
3. Sealed with silicone loop, water, dust, damp proof & maintance-free.
4. Integrated design of whole aluminum lamp & isolation between heat and electricity, solving the problem of heat dissipation effectively and extending figure's life-span.
5. Spraying technology for housing, high temperature baking, sturdy and corrosion resistance, very suit able for outdoor environment.
6. Optional for hook or bracket.
7. Condensed PC cover is available (providing installation parts), easy for installing or disassembling.



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Simple,easy Installation.
Optional for hook or bracket.



Rugged but sleek
1.Great in heat dissipation
2.Design of isolation between radiator & driver



Long Lasting,High Quality light
1.High brightness;
2.low light degradation;
3. even light and no dark shadows.



RATED IP65 WATERPROOF

- Ideal for pools and outdoor applications
- Easy spray rinse cleaning
- Optional corrosion-resist coating for harsh chemical environments



Lens: 60° 、 90° 、 120°

Tempered Glass



Lens



Parameter:

130LM/W (Tempered Glass /Lens)

Model Number	Power (W)	LED type	LED Q' ty	Input Voltage	CRI	Light effect (lm/W)	Beam angle
HB100W.A	100	SMD2835	288	90~305V (50/60Hz)	>80Ra	130LM/W	60°/90°/120°
HB150W.A	150		344				
HB200W.A	200		432				

150LM/W (Tempered Glass /Lens)

Model Number	Power (W)	LED type	LED Q' ty	Input Voltage	CRI	Light effect (lm/W)	Beam angle
HB100W.A	100	SMD2835	200	90~305V (50/60Hz)	>70Ra	150LM/W	60°/90°/120°
HB150W.A	150		300				
HB200W.A	200		400				

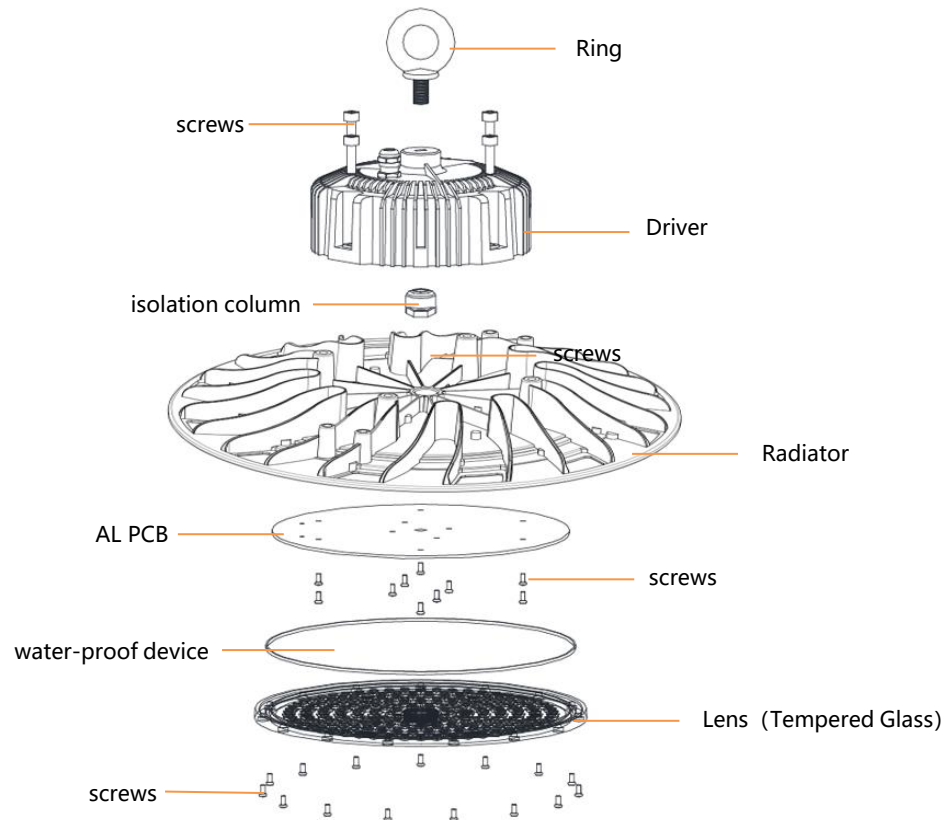
170LM/W (Tempered Glass)

Model Number	Power (W)	LED type	LED Q' ty	Input Voltage	CRI	Light effect (lm/W)	Beam angle
HB100W.A	100	SMD2835	252	90~305V (50/60Hz)	>70Ra	170LM/W	120°
HB150W.A	150		364				
HB200W.A	200		490				

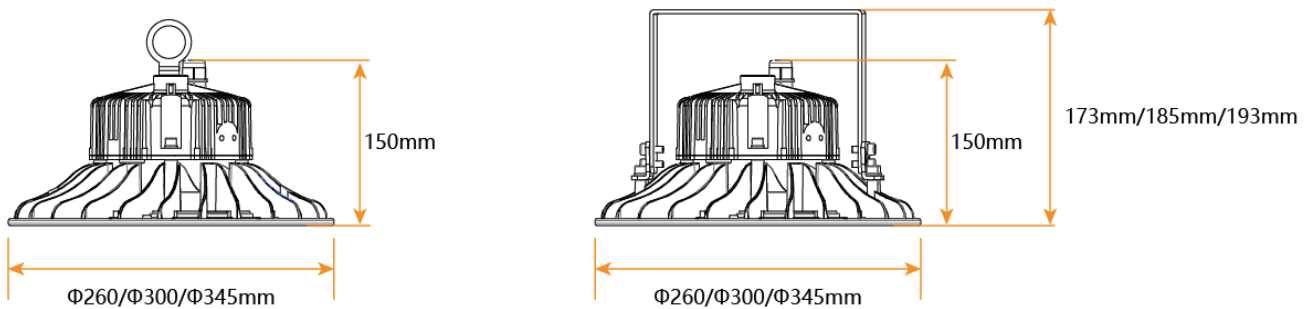
Color Temperature	WW: 2800-3200K NW: 3750-4250K PW: 4750-5250K CW: 5500-6500K
Power Factor	0.95
LED Lifetime	>50000hours
Certification	CE、RoHs
Operating Temperature	-20°C~+45°C

The tolerance range of test data above is ±6%, but normally warm white is ±8%.

Explosion Diagram:



Dimension:



Model No.	Power	Dimension (mm)	
		Diameter	H (mm)
HB100W.A	100W	$\Phi 260$	173 (150)
HB150W.A	150W	$\Phi 300$	185 (150)
HB200W.A	200W	$\Phi 345$	193 (150)

100W Test Report:



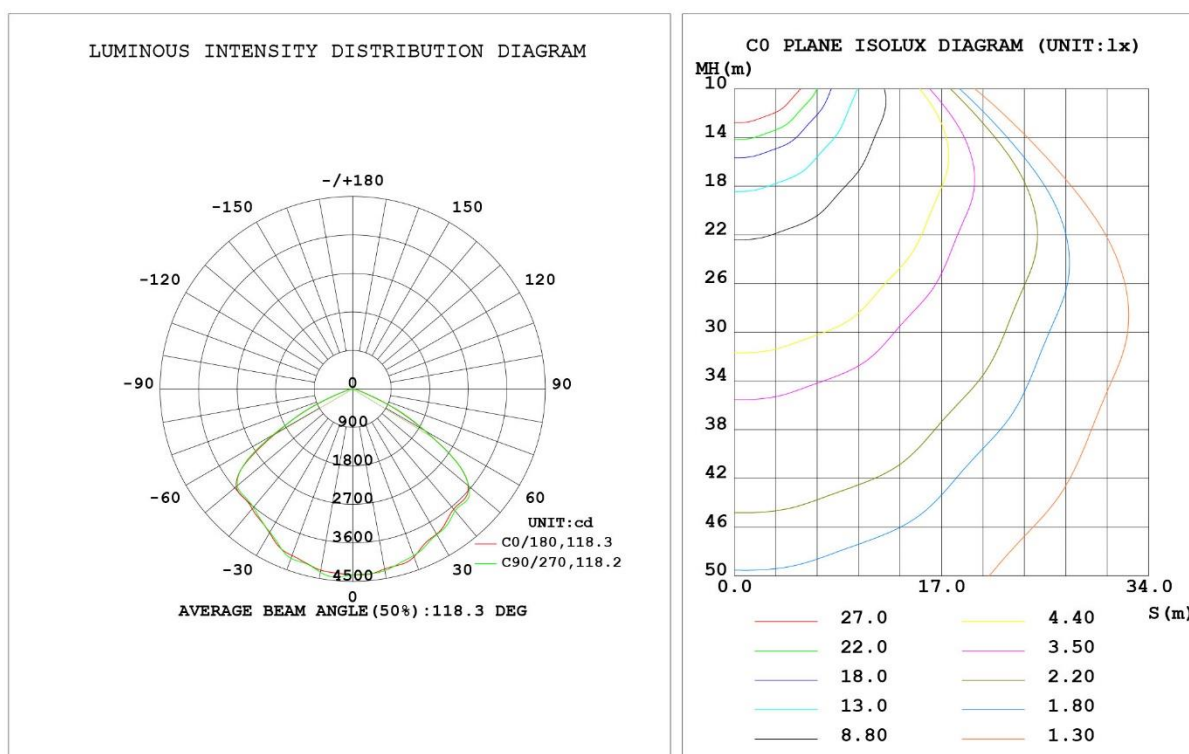
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.4491A P:97.24W PF:0.9843 Lamp Flux:12679.5x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 130.39 lm/W
MODEL		I _{max} (cd)	4431	S/MH (C0/180)	1.34	
NOMINAL POWER (W)	98.67	LOR (%)	100.0	S/MH (C90/270)	1.34	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	12680	η UP, DN (C0-180)	0.2, 49.5	
NOMINAL FLUX (lm)	12679.5	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.2, 50.1	
LAMPS INSIDE	1	η up (%)	0.4	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	220	η down (%)	99.6	CIBSE SHR MAX	1.55	



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 24 April 2018

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 9.480m [K=1.0000]
Remarks:

150W Test Report:



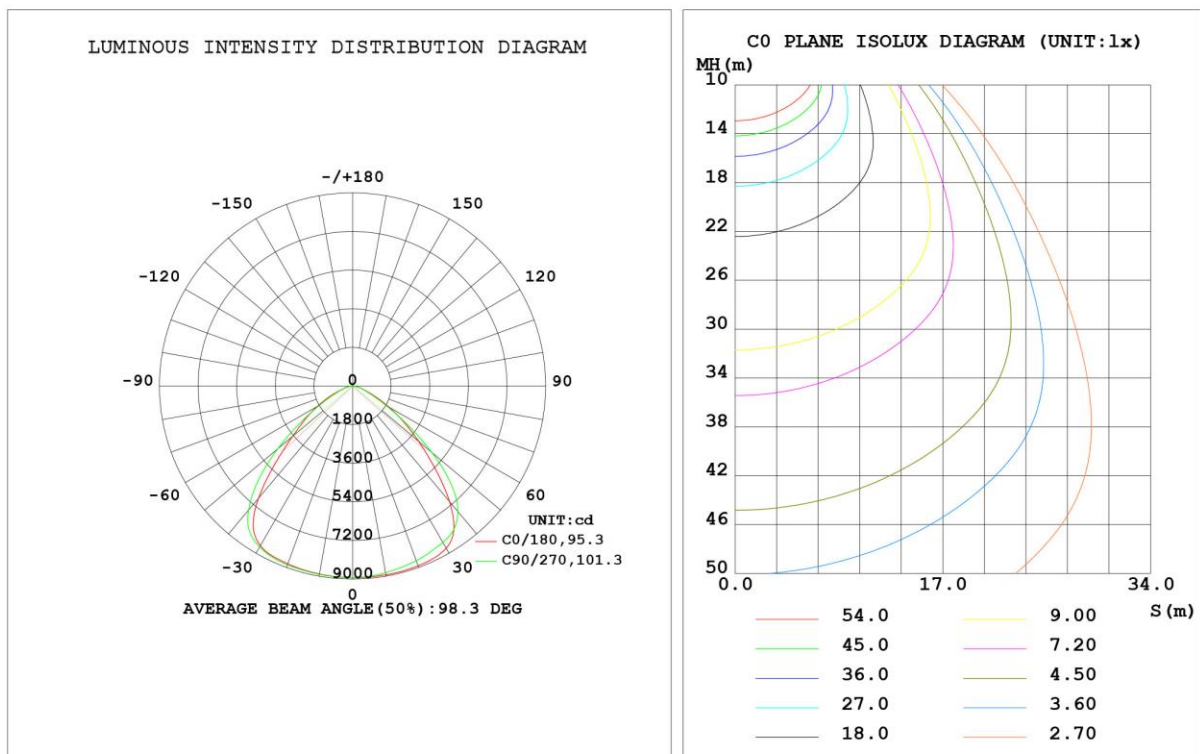
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.9V I:0.6714A P:143.5W PF:0.9722 Lamp Flux:21231.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.92 lm/W			
MODEL		Imax (cd)	8937	S/MH(C0/180)	1.33
NOMINAL POWER(W)	144.90	LOR(%)	100.0	S/MH(C90/270)	1.41
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	21232	η UP,DN(C0-180)	0.2,49.7
NOMINAL FLUX(lm)	21231.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,49.9
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	99.6	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 06 June 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 9.480m [K=1.0000]
 Remarks:

200W Test Report:



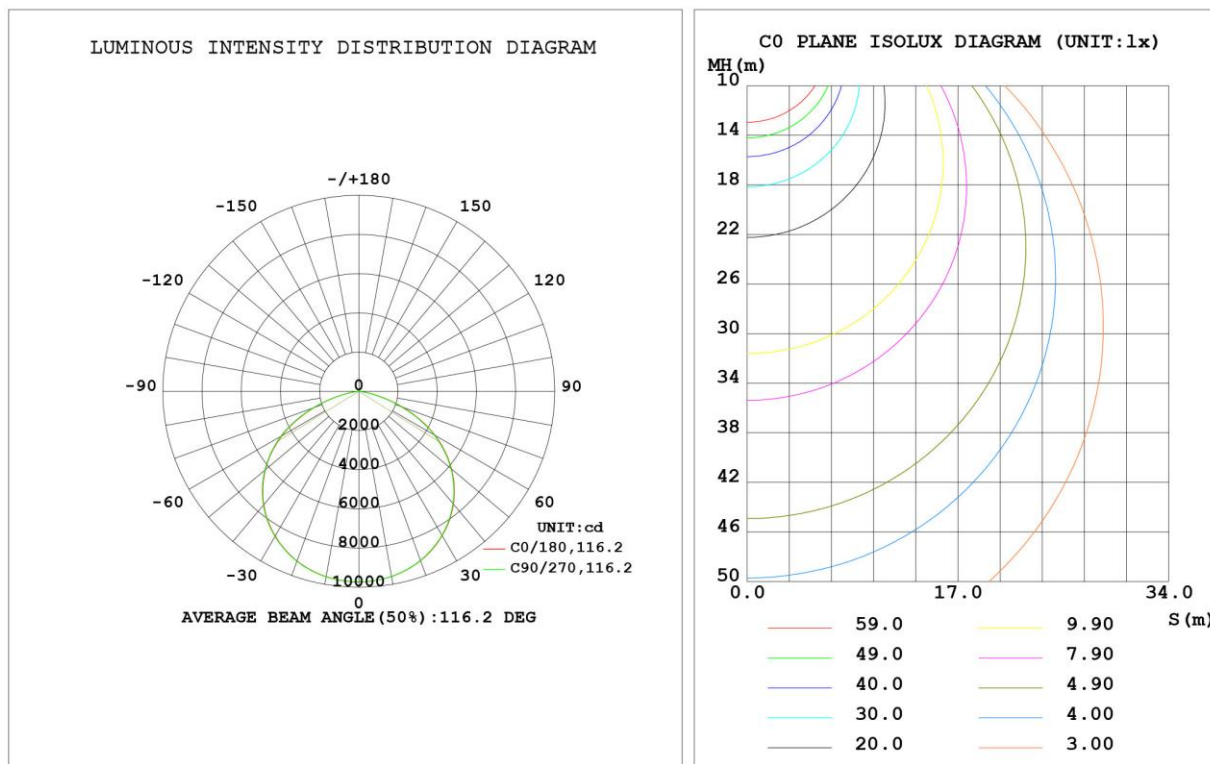
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.8V I:0.8677A P:189.4W PF:0.9932 Lamp Flux:27997.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

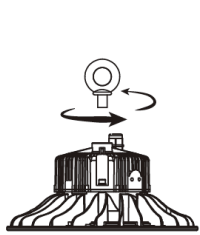
DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.81 lm/W			
MODEL		Imax(cd)	9726	S/MH(C0/180)	1.30
NOMINAL POWER(W)	192	LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	27998	η UP,DN(C0-180)	0.2,49.4
NOMINAL FLUX(lm)	27997.7	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,50.2
LAMPS INSIDE	1	η up(%)	0.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	99.6	CIBSE SHR MAX	1.35



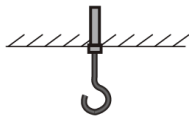
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 29 May 2018

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 9.480m [K=1.0000]
Remarks:

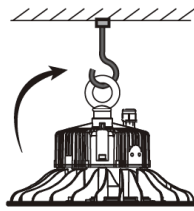
1. Hanging ring installation



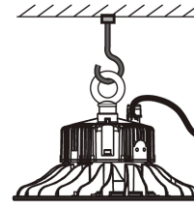
1. Install the ring to the hole of the back cover



2. Fix the hook



3. Hang the lamp



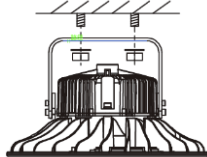
4. Wiring

Input Voltage: 90~305V 50/60Hz
ACL(BROWN)
ACN(BLUE)
⊕ (GREEN/YELLOW)

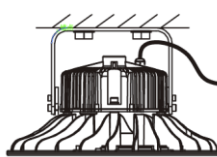
2. Bracket installation



1. Install the ring to the hole of the back cover

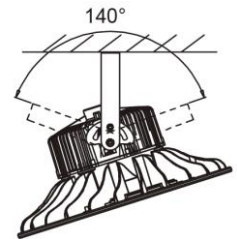


2. Hang the lamp



3. Wiring

Input Voltage: 90~305V 50/60Hz
ACL(BROWN)
ACN(BLUE)
⊕ (GREEN/YELLOW)

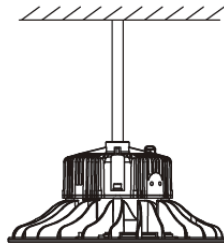


4. Adjust Lighting Direction

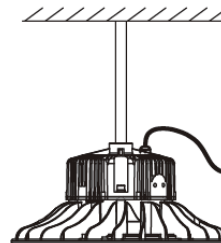
3. Hanging rod installation



1. Install the rod into the hole on back of the lamp



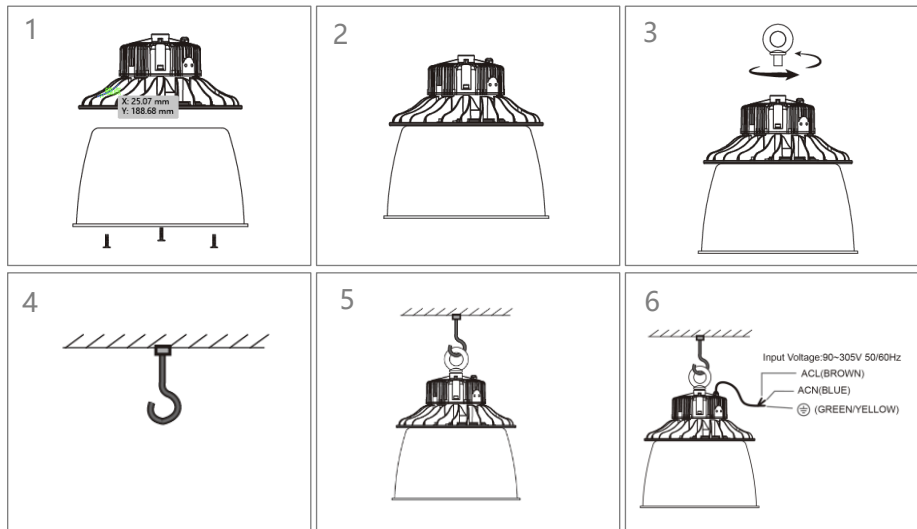
2. Install the lamp to the ceiling.



3. Wiring connection.

Input Voltage: 90~305V 50/60Hz
ACL(BROWN)
ACN(BLUE)
⊕ (GREEN/YELLOW)

4. Lampshade installation (DIY)



1. Put the lampshade in corresponding position with the crew holes
2. tighten with screws.
3. Install the ring to the hole of the back cover.
4. Fix the hock.
5. Hang the lamp.
6. wiring.

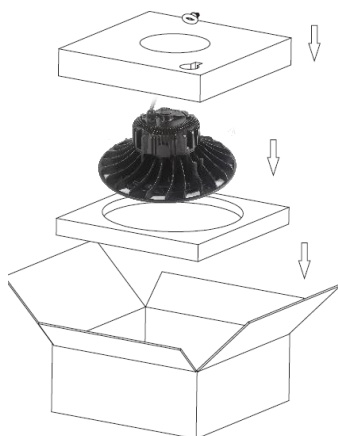
Installation:

- ♦ Install expansion bolt or hook in advance at the location where high bay is to be installed (Load capacity of expansion bolt or hook is three times greater than the weight of high bay).
- ♦ Put the bracket of fixture into the pre-fixed expansion bolts and tighten the screws.
- ♦ Fix screws and adjust the fixture to the angle you need (The angle of rotation of the bracket is 120°).
- ♦ Suitable for hook & hanging chain installation.

Attention:

1. Pls read the installation instruction carefully before installation;
2. The brown wire is live line (L), the blue wire is zero line (N) and the green yellow wire is earth line ();
3. Do not close to the place with heat source to prevent damaging the UFO for high temperature;
4. Ensure right wiring;
5. Do not disassemble the UFO without permission;
6. Pls cut off the power source before installation or repair;

Packing Details:



Model No.	Power	N.W.	Carton Size	Q' ty/Ctn	G.W./Carton
HB100W.A	100W	2.35kg	295*295*175 mm	1PCS	2.65kg
HB150W.A	150W	3.1kg	335*335*175 mm	1PCS	3.6kg
HB200W.A	200W	3.8kg	365*365*190mm	1PCS	4.3kg

Application:

Widely applied in high shed plant, workshop, warehouse, logistics center, exhibition hall, stadium etc.

