



【0-10V Dimming】
5 years warranty



Specification For UFO LED High Bay Lamps

PRODUCT NAME: **UFO LED High Bay Lamps**

PART NO:

SHB100W-230V-UFO
SHB150W-230V-UFO
SHB200W-230V-UFO
SHB240W-230V-UFO



Description:

- ★ This product use durable and long life span LED light source, downy light, no glare, simple design.
- ★ This product waterproof and dustproof level 65. Can be used in various of places.
- ★ Mainly use the aluminum alloy as the material with PC lens . Work safely and durable under different conditions.
- ★ Adopted 3030 SMD Led light source, Large-Size Chip with High brightness and low light fades, Enough Current margin, Led chip Rated current 150mA, actual use only 120mA, Extend led Lights lifespan and increase Light Efficiency.
- ★ Adopted 0-10V Dimming Driver, Universal AC Input/Full range up to AC 220-240V. Protection function: short circuit/over current/over voltage/over temperature, Built-in. active PFC function, $PF \geq 0.95$ and Conversion efficiency $\geq 94\%$ Fully encapsulated with IP65 Level.
- ★ Warm/pure/cool white all avialble with high CRI
- ★ Integrated fixture structure, Air convection design for reliable lifetime.

Applications:

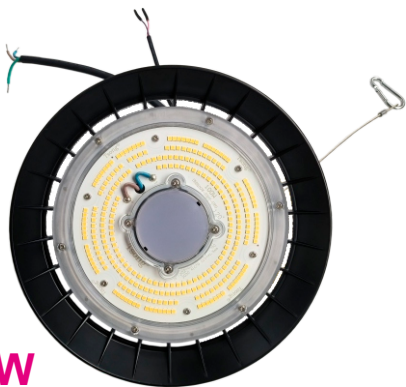
For the workshop, factory, warehouse, highway toll stations, gas stations, supermarkets, exhibition halls, stadiums and Other places of lighting required.



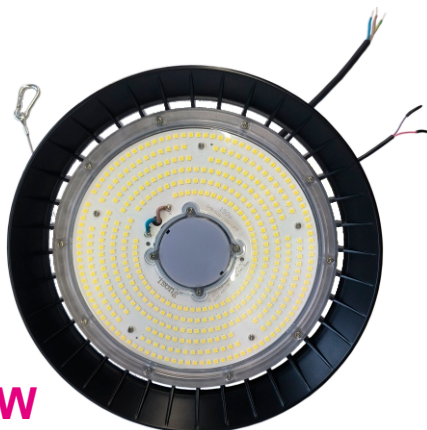
Photo



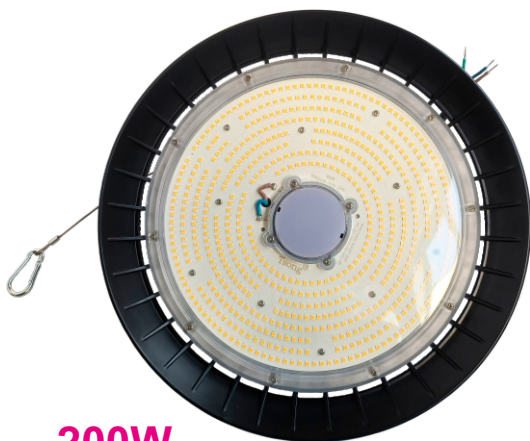
100W



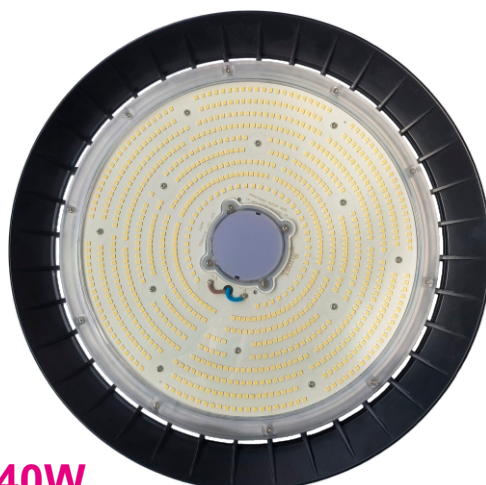
150W



200W



240W



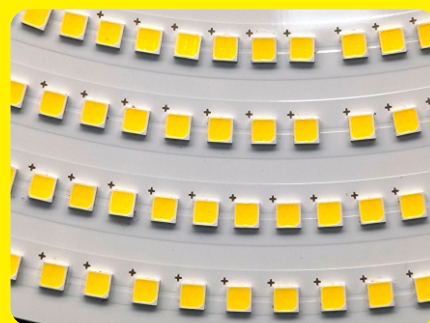
LED Driver



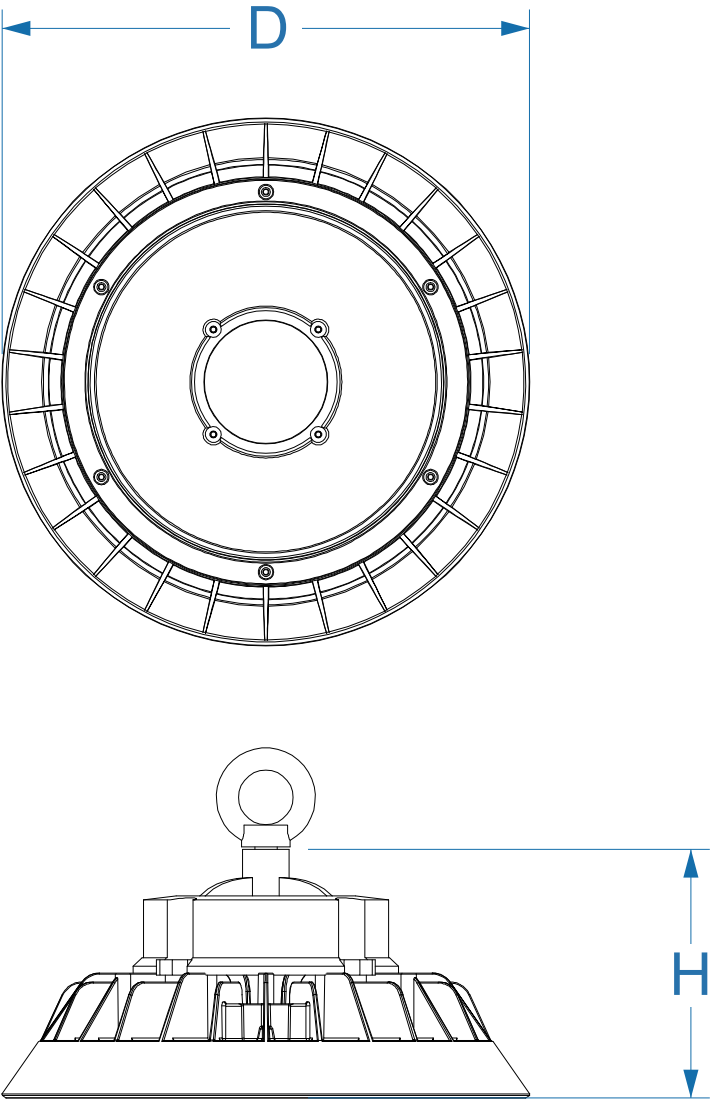
0-10V Dimmable



3030 SMD



Dimensions(Unit:mm)



Model	Power	Product Size(D*H)
SHB100W-230V-UFO	100W	Φ238mm*H118mm
SHB150W-230V-UFO	150W	Φ283mm*H123mm
SHB200W-230V-UFO	200W	Φ324mm*H133mm
SHB240W-230V-UFO	240W	Φ363mm*H137mm

Electrical/Optical Characteristics/Specifications

MODEL:SHB100W-230V-UFO

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	0.5A	DC246V	0.36A	100W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	170LM/W	190LM/W	190LM/W
			Luminous flux	17000LM±10%	19000LM±10%	19000LM±10%
			Beam Angle	120° or 90°		
SMD3030	287PCS	≥80Ra				
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	Φ238*118mm	1.8Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L280*W280*H140mm	2.1Kg	
Outer carton package	4*1layer=4PCS/carton,K=K corrugated paper, L585*W295*H320mm,GW:9.23KG					
Optional dimming type	0-10V Dimming					

MODEL:SHB150W-230V-UFO

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	0.75A	DC252V	0.53A	150W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	170LM/W	190LM/W	190LM/W
			Luminous flux	25500LM±10%	28500LM±10%	28500LM±10%
			Beam Angle	120° or 90°		
SMD3030	420PCS	≥80Ra				
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	Φ283*128mm	2.3Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L325*W325*H145mm	2.6Kg	
Outer carton package	3*1layer=3PCS/carton,K=K corrugated paper, L345*W345*H480mm,GW:8.78KG					
Optional dimming type	0-10V Dimming					

Electrical/Optical Characteristics/Specifications

MODEL:SHB200W-230V-UFO

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	1.0A	DC252V	0.7A	200W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	170LM/W	190LM/W	190LM/W
			Luminous flux	34000LM±10%	38000LM±10%	38000LM±10%
			Beam Angle	120° or 90°		
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	Φ324*133mm	3.4Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L365*W365*H155mm	3.7Kg	
Outer carton package	3*1layer=3PCS/carton,K=K corrugated paper, L385*W385*H510mm,GW:12.05KG					
Optional dimming type	0-10V Dimming					

MODEL:SHB240W-230V-UFO

Input Voltage	Max.Current	Operating Voltage	Constant Current	Power Consumption	Power Factor	
AC200-240V	1.2A	DC252V	0.9A	240W	≥0.95	
LED Type	LED Q'ty	CRI	CCT	2900-3100K	4000-4500K	5500-6000K
			Luminous efficiency	170LM/W	190LM/W	190LM/W
SMD3030	882PCS	≥80Ra	Luminous flux	40800LM±10%	45600LM±10%	45600LM±10%
			Beam Angle	120° or 90°		
Life Time	Certifications	IP Code	Luminaires Class	product dimension	N.W	
50.000Hours	CE,RoHS	IP65	Class I	Φ363*137mm	4.0Kg	
Operating Temperature	Storage Temperature	Humidity Operating	Humidity Storage	Packing dimension	G.W	
-20℃to+50℃	-30℃to+60℃	10-80%RH	10-90%RH	L400*W400*H160mm	4.3Kg	
Outer carton package	2*1layer=2PCS/carton,K=K corrugated paper, L420*W420*H360mm,GW:9.6KG					
Optional dimming type	0-10V Dimming					

Test report

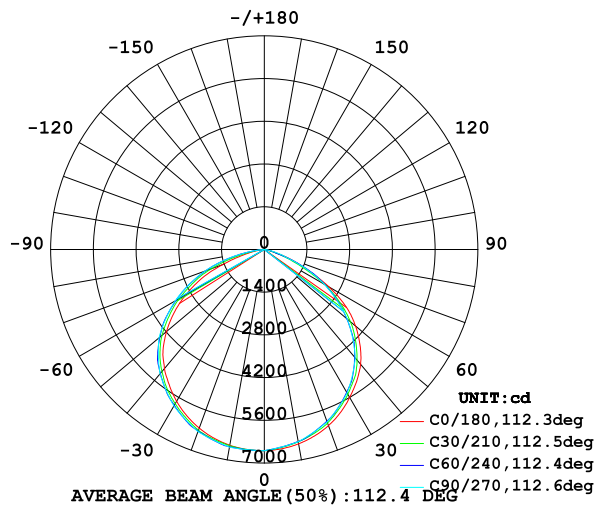
MODEL:SHB100W-230V-UFO 190

LUMINAIRE PHOTOMETRIC TEST REPORT

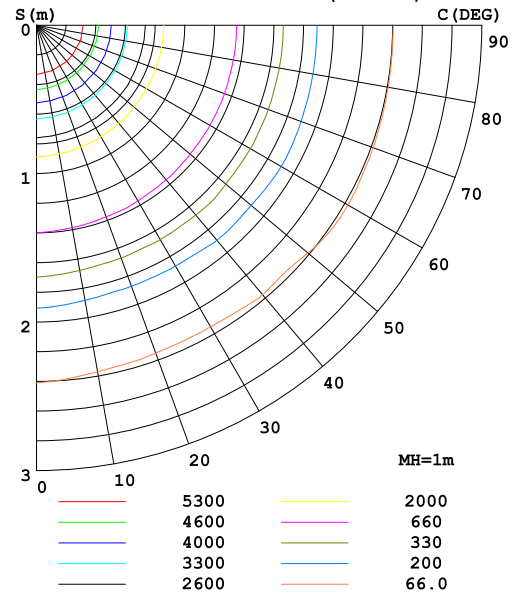
Test:U:231.1V I:0.4388A P:97.52W PF:0.9617 Lamp Flux:17908.3x1 lm		
NAME: UFO LED High Bay Lamps	TYPE:100W	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Tsong	SUR.:D173mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 183.64 lm/W			
MODEL	UFSC-FT918+	Imax(cd)	6593	S/MH(C0/180)	1.26
NOMINAL POWER(W)	98	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	232	TOTAL FLUX(lm)	17908	η UP,DN(C0-180)	0.0,45.8
NOMINAL FLUX(lm)	17908.3	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,54.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	231.1	η down(%)	100.0	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM(UNIT:lx)



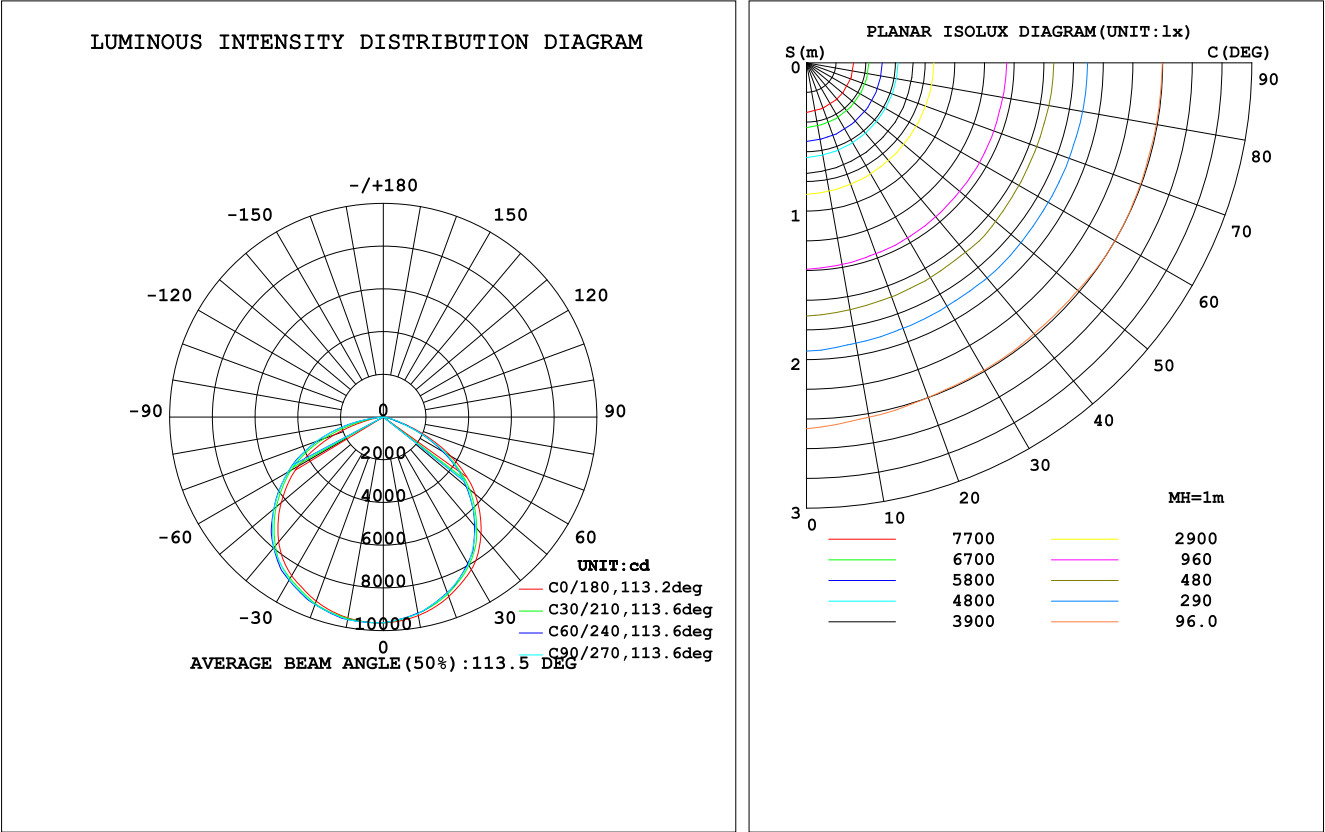
Test report

MODEL:SHB150W-230V-UFO 190

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:231.5V I:0.6315A P:142.8W PF:0.9770 Lamp Flux:26680.6x1 lm		
NAME: UFO LED Hight Bay Lamps	TYPE:150W	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Tsong	SUR.:D200mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 186.79 lm/W			
MODEL	UFSC-FT918+	Imax (cd)	9639	S/MH (C0/180)	1.27
NOMINAL POWER(W)	144	LOR(%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	232	TOTAL FLUX(lm)	26681	η UP,DN (C0-180)	0.0,45.3
NOMINAL FLUX(lm)	26680.6	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,54.7
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	231.7	η down (%)	100.0	CIBSE SHR MAX	1.35



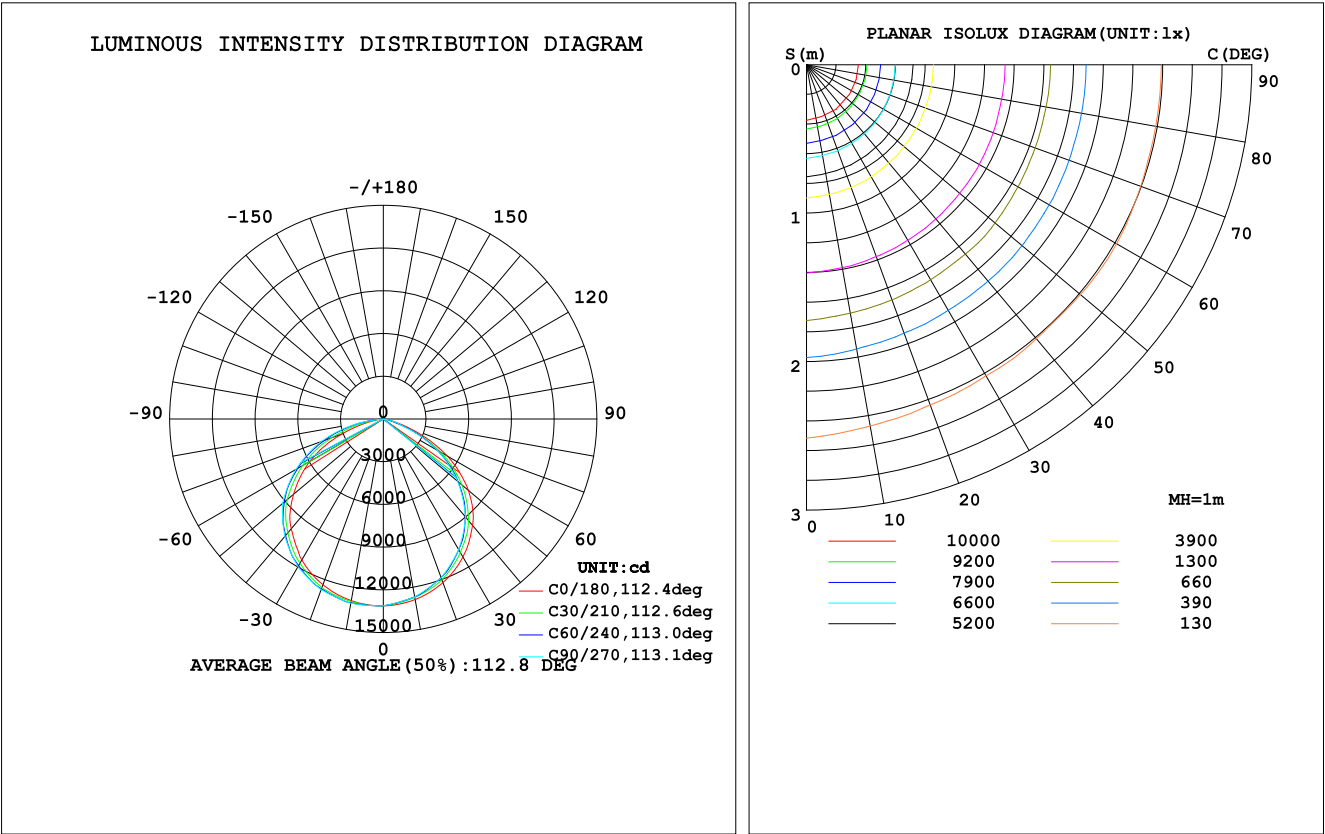
Test report

MODEL:SHB200W-230V-UFO 190

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:231.9V I:0.8641A P:195.8W PF:0.9772 Lamp Flux:36158.4x1 lm		
NAME: UFO LED Hight Bay Lamps	TYPE:200W	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: Tsong	SUR.:D235mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 184.67 lm/W			
MODEL	UFSC-FT918+	I _{max} (cd)	13141	S/MH (C0/180)	1.27
NOMINAL POWER (W)	196	LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	232	TOTAL FLUX (lm)	36158	η UP,DN (C0-180)	0.0,44.8
NOMINAL FLUX (lm)	36158.4	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,55.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	231.8	η down (%)	100.0	CIBSE SHR MAX	1.35



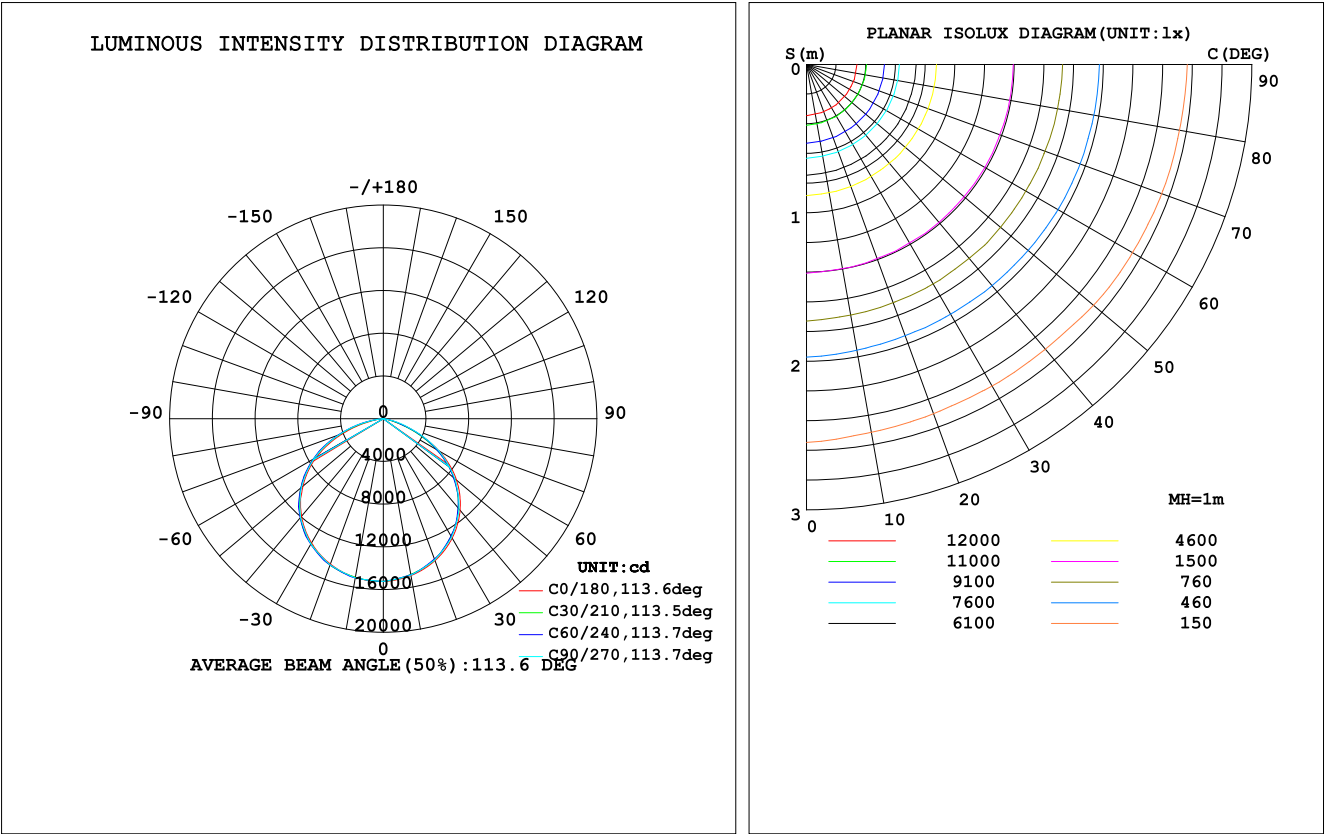
Test report

MODEL:SHB240W-230V-UFO 190

LUMINAIRE PHOTOMETRIC TEST REPORT

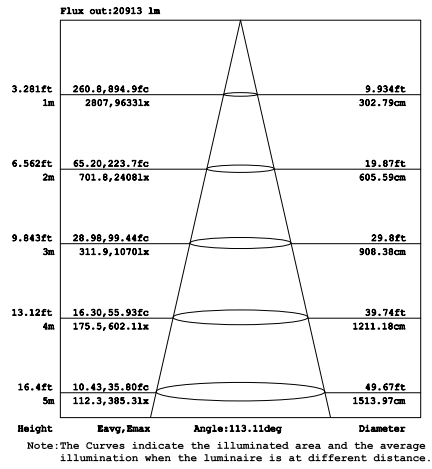
Test:U:231.6V I:0.9943A P:228.0W PF:0.9904 Lamp Flux:42307.8x1 lm		
NAME: UFO LED Hight Bay Lamps	TYPE:240W	WEIGHT:
DIM.: 363*137	SPEC.:	SERIAL No.:
MFR.: Tsong	SUR.:D270mm	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 185.53 lm/W			
MODEL	UFSC-FT918+	Imax(cd)	15235	S/MH(C0/180)	1.26
NOMINAL POWER(W)	230	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	232	TOTAL FLUX(lm)	42308	η UP,DN(C0-180)	0.0,47.4
NOMINAL FLUX(lm)	42307.8	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,52.6
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	231.3	η down(%)	100.0	CIBSE SHR MAX	1.35

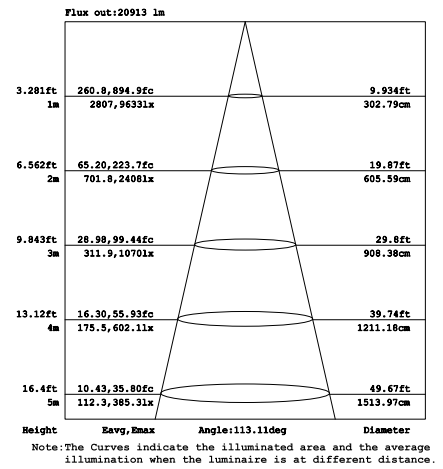


AAI Figure

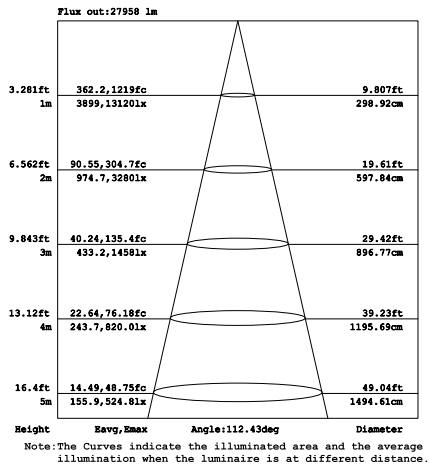
100W:



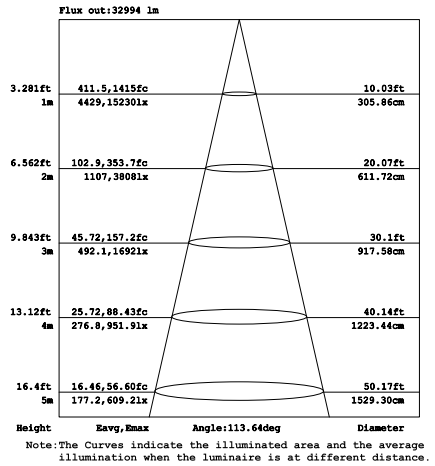
150W:



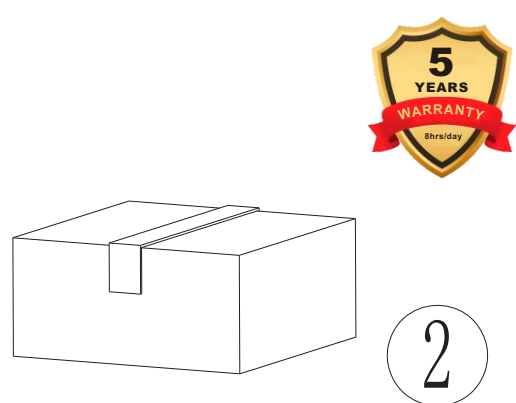
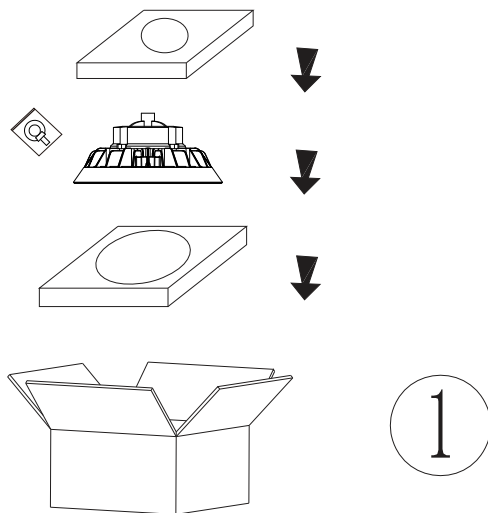
200W:



240W:



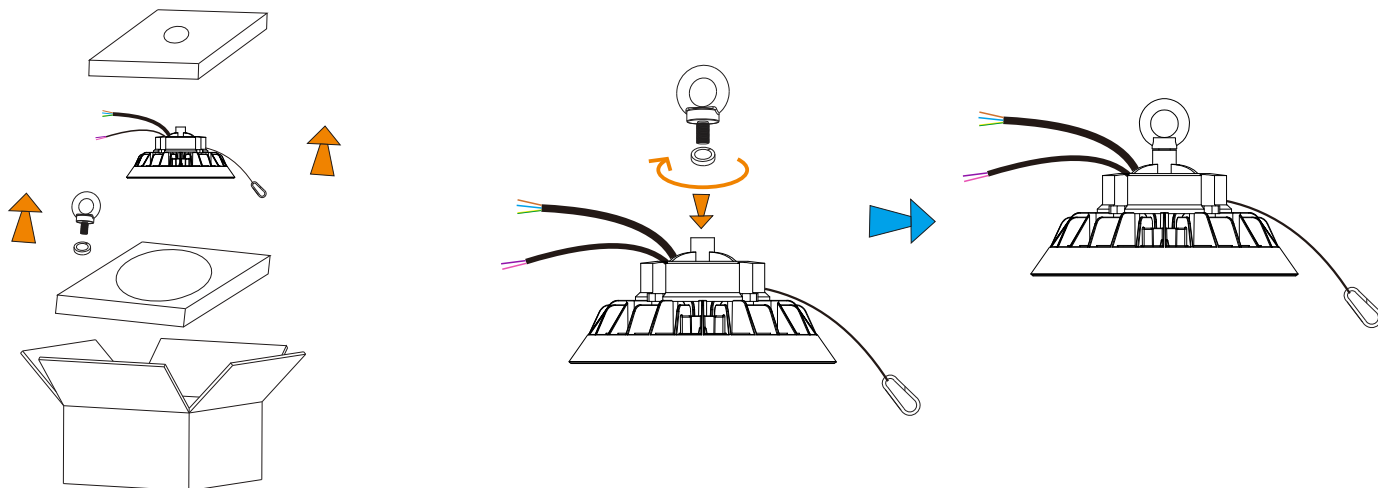
Packing Info



Cautions:

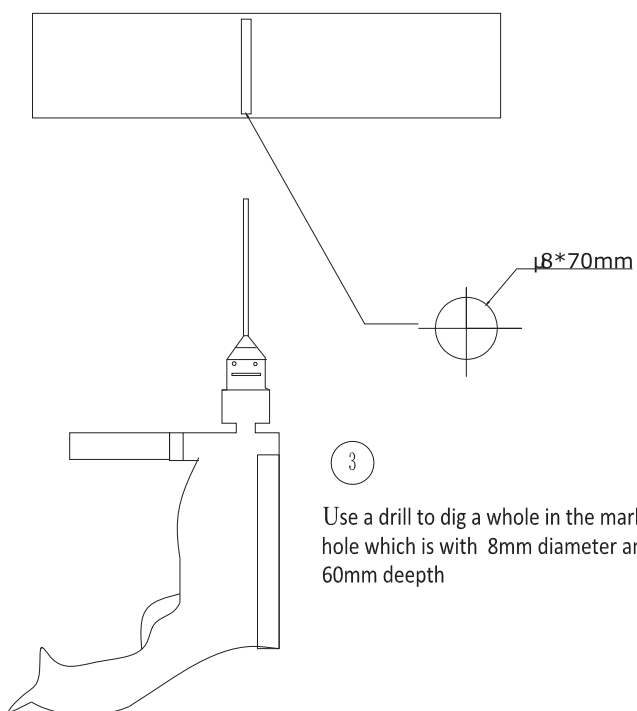
- 1.This product must be installed by professionals;
- 2.If there is any damage on the power line or shell, it should be taken as defective product and should not be used;
- 3.High voltage, non-professionals are not allowed to install, disassemble the product or connect wires.

UFO LED High Bay lamps use method

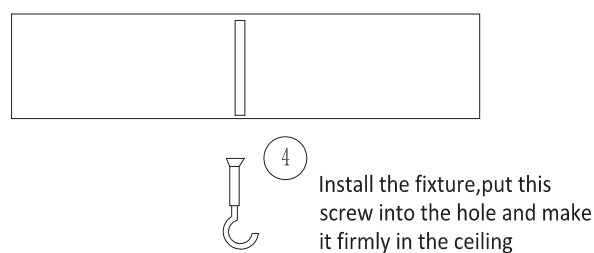


- ① Open the box and take out the UFO and mounting bolt and spring washer

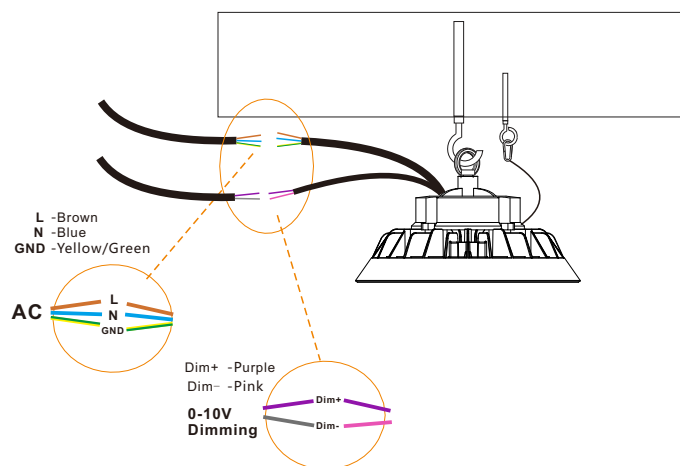
- ② Tighten the mounting bolt and spring washer to the UFO drive



- ③ Use a drill to dig a whole in the marked hole which is with 8mm diameter and 60mm depth



- ④ Install the fixture, put this screw into the hole and make it firmly in the ceiling



- ⑤ Hang on the light and connect the wire. Then light up to test

Notes:

1. Please always use the light out of its package.
2. Before starting use of the light, please check if the light was damaged during transportation. If any damage shown, please DO not install or use it.
3. Any maintenance should be performed by trained professionals only.
4. Keep packaging material away from the reach of children and pets. Risk of suffocation!
5. Caution. The packaging contains small parts that may be swallowed by children.
6. Never leave children unattended in the vicinity of the lights and do not allow them to play with electrical devices.
7. Try to avoid looking directly in the LED beam-especially for extended periods of time. Do not shine the LED light in another person's eyes.
8. Never cover the lights by other objects.
9. Never allow the light to come into contact with open flames or external heat sources.
10. The products need to re-repair inspection or special treatment of retirement after service time
11. Non-professionals are not allowed to disassemble and maintain the products. We have the right not to provide after-slae service if unauthorized disassembly and maintenance happens to the products.