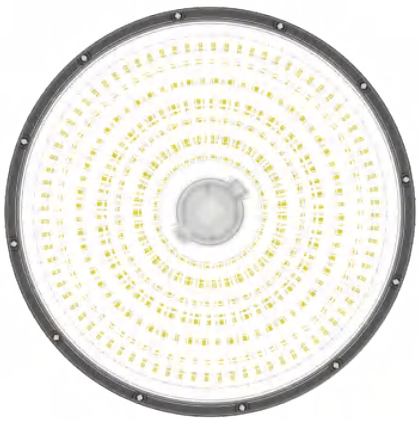
LED UFO PRO LIGHT

Product Description

- LED UFO High Bay fixture design for indoor replace HID/HPS/MHL high bay lights.
- Provide high performance 140LM/W and long lifespan 50K hours, perfect for commercial and manufacturing, gymnasiums, warehouse lighting fixtures, and retail aisles. For applications with demanding temperature requirements such as facilities in southern climates.
- These fixtures range from 100W~320W and are suitable for 20 to 25-foot mounting heights.
- Special function equipped such as 0~10V remote dimming control and Microwave motion sensor.
- LED UFO High Bay fixtures are listed on the DLC Qualified Products list and are eligible for rebate.

Features

- Super-Thin Aluminum Heatsink
- Microwave Motion Sensor Function
- Remote Control 0~10V Dimmable
- 100-277VAC/277-480VAC Input
- SMD2835 LED Chips 140LM/W
- 6K High Voltage Surge test approved
- 120 Degree Beam Angle
- High Power Factor > 0.9, Low THD Driver
- Excellent Heat Dissipation
- Energy Saving 50% at Least
- UL cUL DLC approved
- 5 Years Warranty



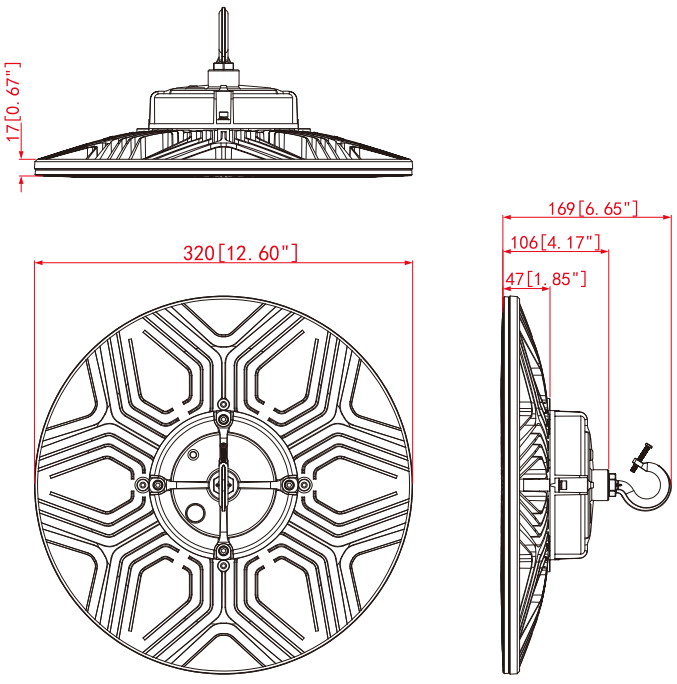
Applications

LED UFO PRO light series can be widely used in supermarket,garage,factory,workshops,highway toll station,gas station exhibition hall,commercial and industrial lighting etc.

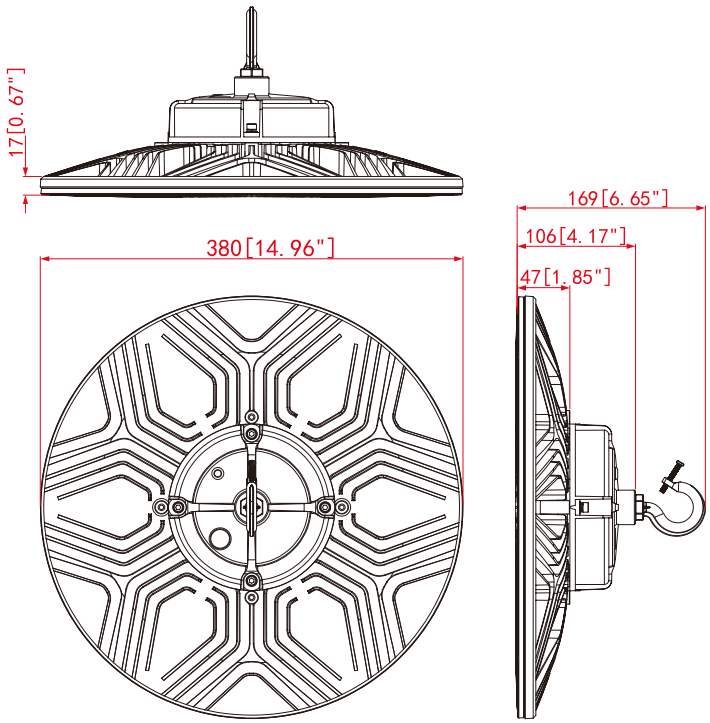
PARAMETER

Series	Lumens	Wiring	Beam Angle (Degree)	Electrical Data	LED Type	Color temperature	Color rendering index
NG-UFOPR-120W	16800 Lm	ACL(Black) ACN(White) GND(Green)	120 degree	Input Voltage 100-277V 50~60Hz Power Factor(%) >90	SMD 2835 Chips	WW 3000 K NW 4000 K DW 5000 K CW 5700 K	Ra>70 Ra>80 Ra>90
NG-UFOPR-150W	21000 Lm						
NG-UFOPR-200W	28000 Lm						
NG-UFOPR-240W	33600 Lm						
NG-UFOPR-100WH	14000 Lm	ACL(Black) ACN(White) GND(Green)	120 degree	Input Voltage 277-480V 50~60Hz Power Factor(%) >90	SMD 2835 Chips	WW 3000 K NW 4000 K DW 5000 K CW 5700 K	Ra>70 Ra>80 Ra>90
NG-UFOPR-150WH	21000 Lm						
NG-UFOPR-200WH	28000 Lm						
NG-UFOPR-240WH	33600 Lm						

DIMENSION



NG-UFOPR-120W / NG-UFOPR-150W / NG-UFOPR-200W
NG-UFOPR-100WH / NG-UFOPR-150WH

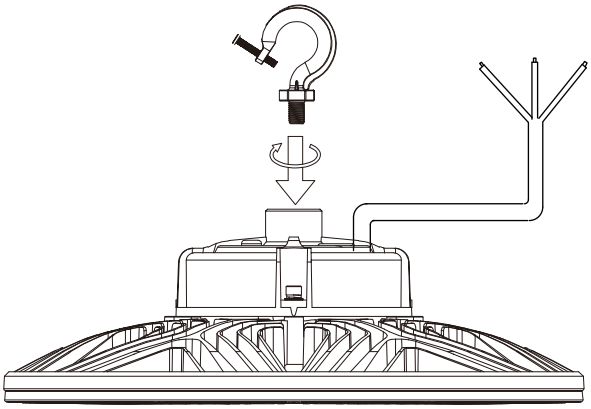


NG-UFOPR-240W
NG-UFOPR-200WH / NG-UFOPR-240WH

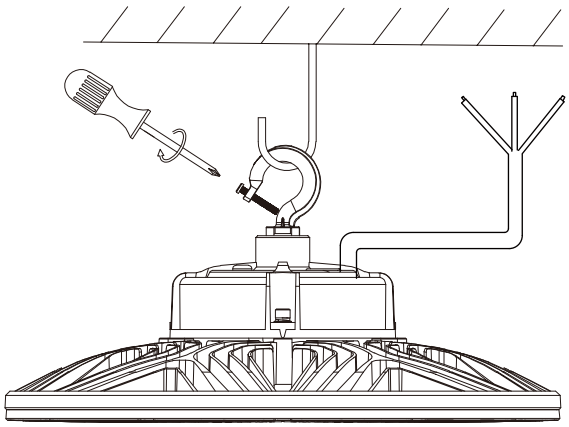
INSTALLATION INSTRUCTIONS

1. Open the box and take out the LED light and ring.

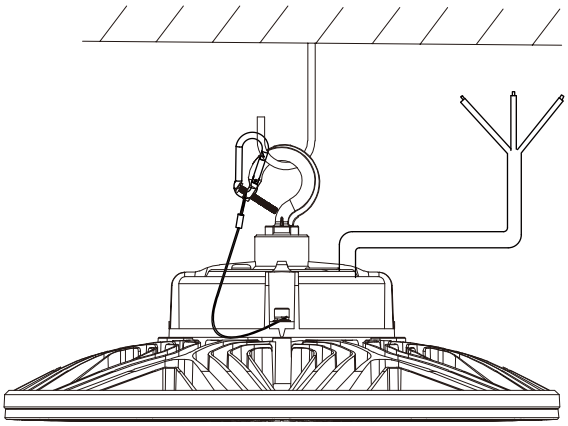
2. Install the ring into the light body as following diagram.



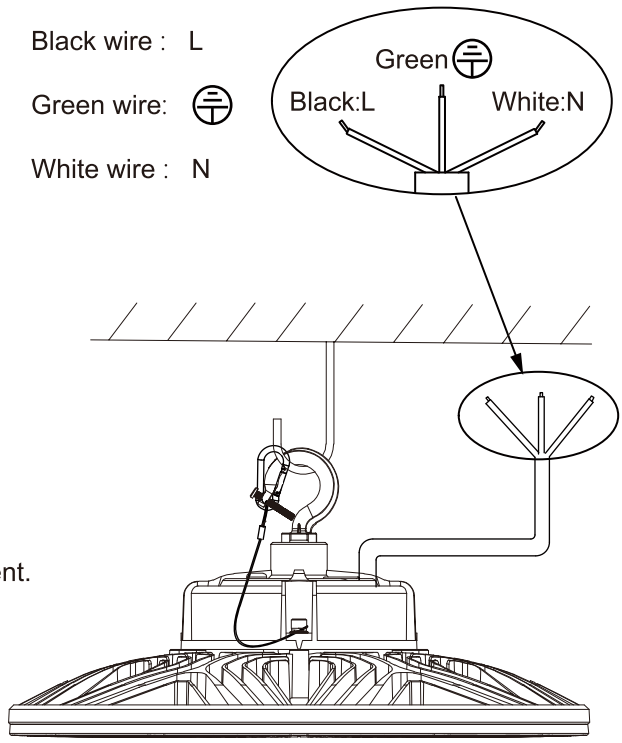
3. Hung the LED light with a sturdy hook.



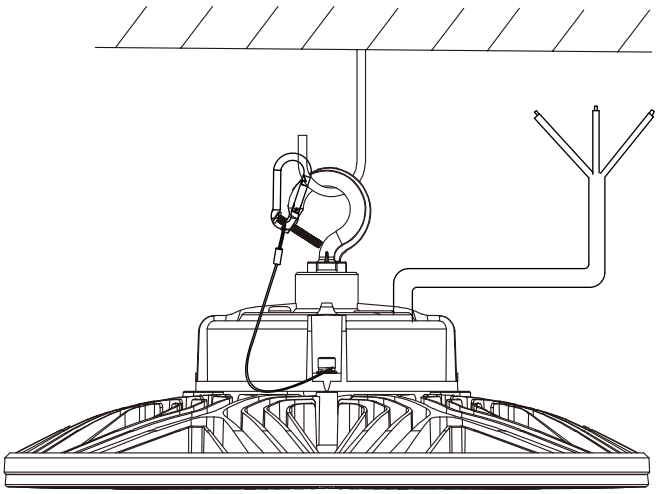
4. Hang the safety wire one side to the lamp, another side to the sturdy hook shown by diagram.



5. Connect wires as below diagram and turn on power to lighting.



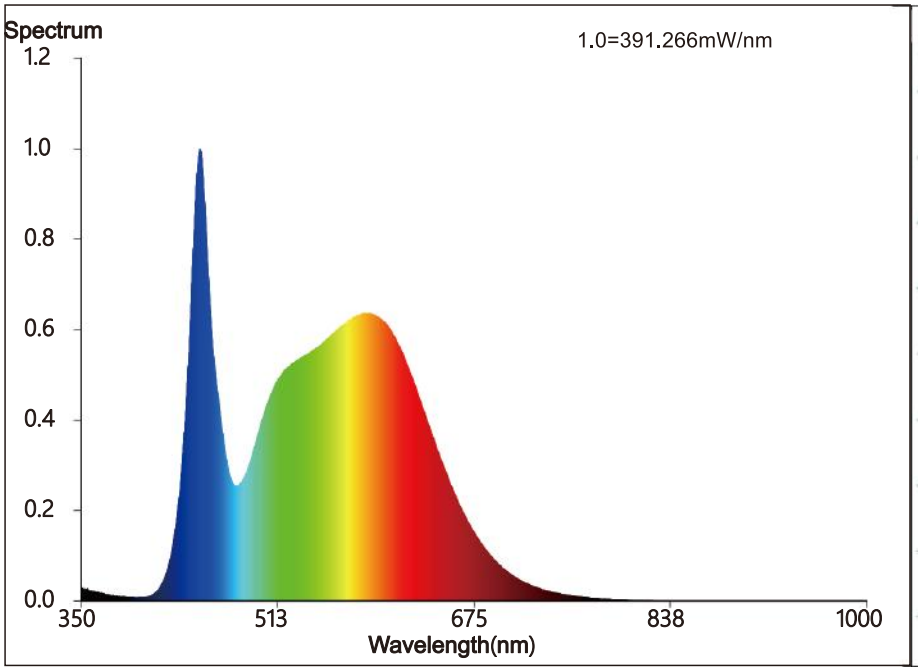
6. Use remote control to adjust product brightness, 0-100% adjustment. Or use microwave induction to intelligently adjust product functions.

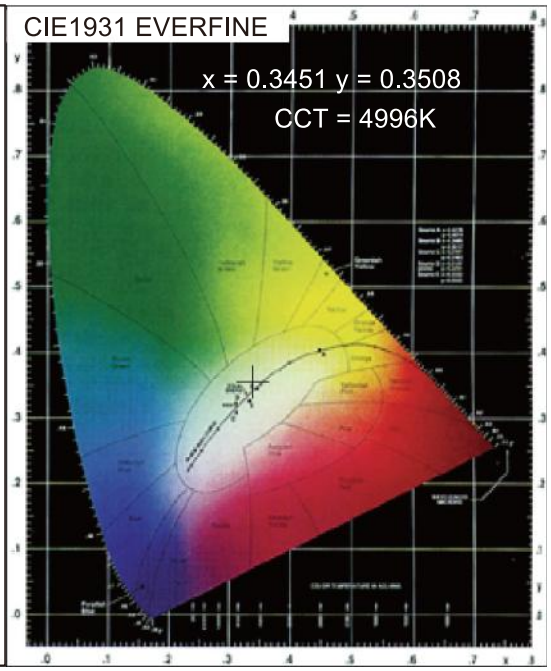


STRUCTURE


Hook
Screw
LED Driver
Heat Sink
Screw
Waterproof Ring
LED PCB Board
LED lens

150W Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3451 y=0.3508/u'=0.2117 v'=0.4843

CCT=4996K(Duv=-0.0004) Dominant WL:Ld =573.3nm WL:Lc = --nm Purity=8.8%

Ratio:R=16.1% G=79.4% B=4.6% Peak WL:Lp=448.1nm FWHM=23.5nm

Render Index:Ra=84.4 AvgR=78.0 TM30:Rf=84 Rg=97 Lav=553.2nm

R1 =83	R2 =89	R3 =93	R4 =85	R5 =84	R6 =84	R7 =88	
R8 =70	R9 =14	R10=74	R11=84	R12=64	R13=85	R14=96	R15=78

Photo Parameters:

Flux = 20587.7 lm Eff. : 139.2 lm/W Fe = 49.40 W

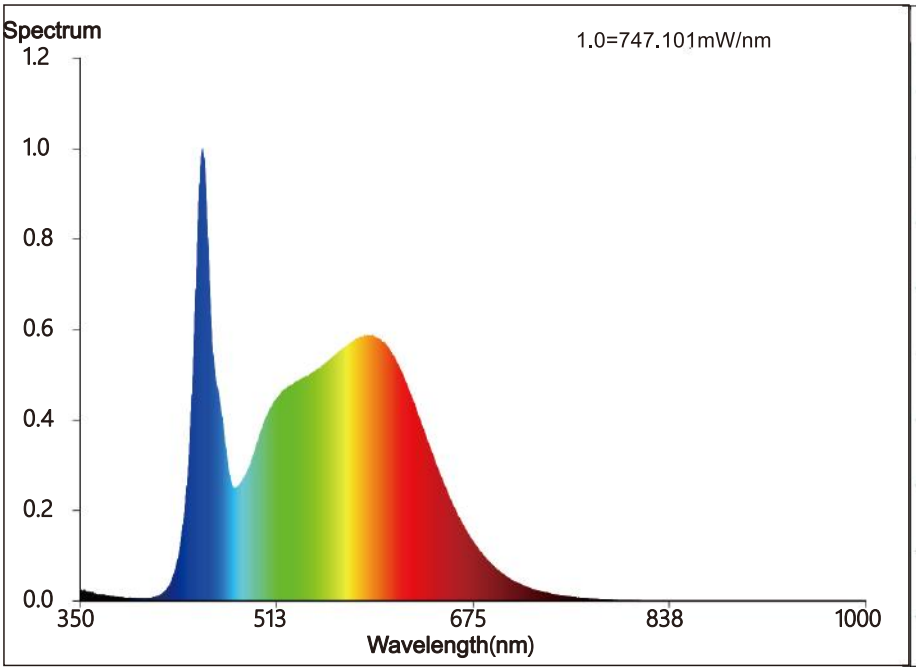
Photosynthetic:PPF:220.75umol/s PAR WATT:48297mW(400-700nm)

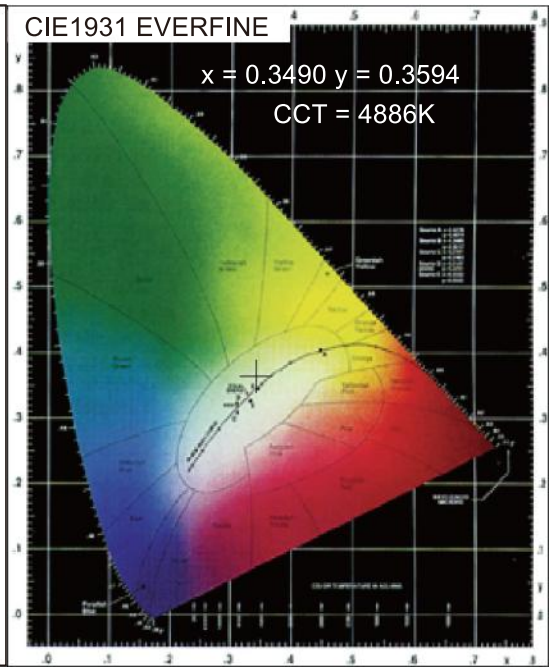
Electrical parameters:

V = 120.03 V I = 1.233 A P = 147.9 W PF = 0.9990

LEVEL:OUT WHITE:ANSI_5000K

200W Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3490 y=0.3594/u'=0.2110 v'=0.4890

CCT=4886K(Duv=0.0023) Dominant WL:Ld =572.0nm WL:Lc = --nm Purity=12.5%

Ratio:R=16.1% G=79.1% B=4.8%Peak WL:Lp=451.2nm FWHM=18.5nm

Render Index:Ra=84.3 AvgR=77.5 TM30:Rf=85 Rg=95 Lav=554.4nm

R1 =83	R2 =91	R3 =95	R4 =83	R5 =83	R6 =86	R7 =87
R8 =67	R9 =9	R10=78	R11=82	R12=59	R13=85	R14=98	R15=76

Photo Parameters:

Flux = 27282 lm Eff. : 134.84 lm/W Fe = 84.42 W

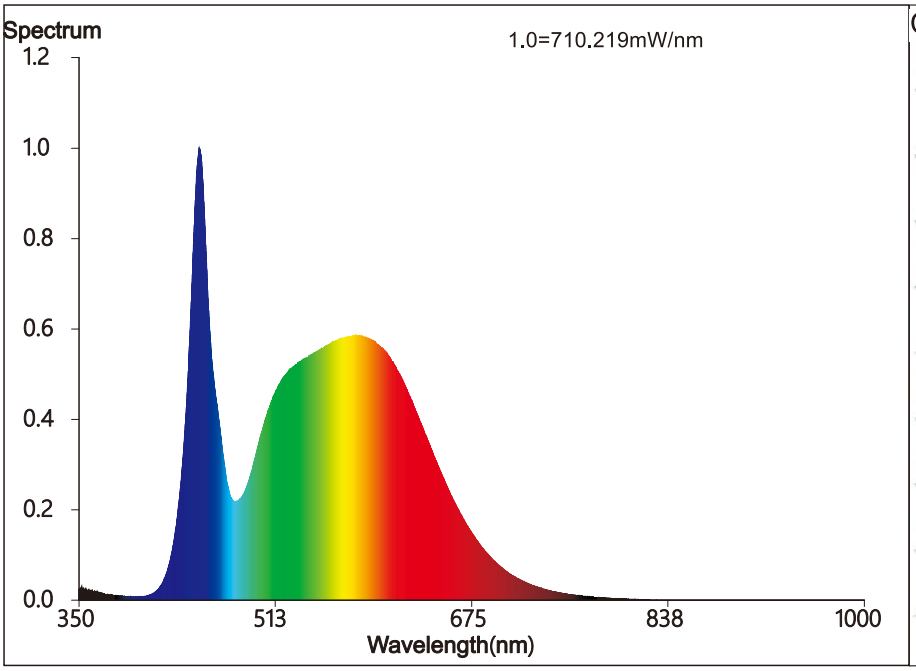
Photosynthetic:PPF:379.55umol/s PAR WATT:82747mW(400-700nm)

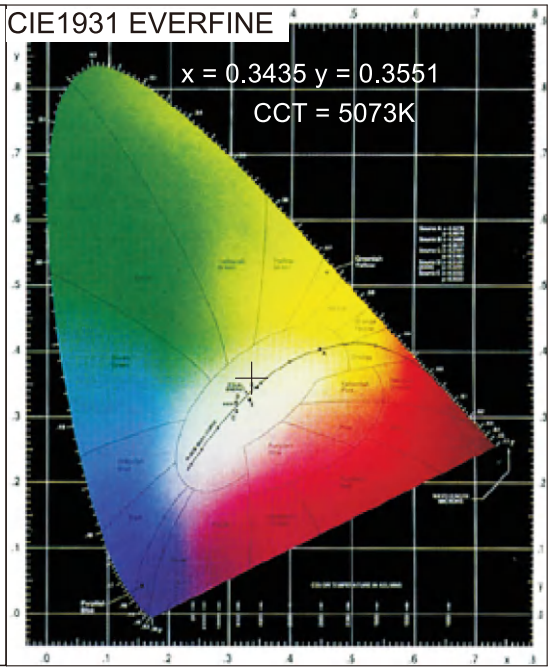
Electrical parameters:

V = 119.92 V I = 1.689 A P = 202.3 W PF = 0.9992

LEVEL:OUT WHITE:ANSI_5000K

240W Spectrum Test Report





Color Parameters:

Chromaticity Coordinate:x=0.3453 y=0.3551/u'=0.2090 v'=0.4861

CCT=5037K(Duv=0.0024) Dominant WL:Ld =569.3nm WL:Lc = --nm Purity=9.6%

Ratio:R=15.6% G=80.1% B=4.4%Peak WL:Lp=449.4nm FWHM=20.8nm

Render Index:Ra=82.8 AvgR=75.9 TM30:Rf=83 Rg=96

R1 =81	R2 =87	R3 =91	R4 =83	R5 =82	R6 =82	R7 =87
R8 =68	R9 =9	R10=69	R11=83	R12=62	R13=82	R14=95	R15=76

Photo Parameters:

Flux = 33803.3 lm Eff. : 141.20 lm/W Fe = 83.35 W

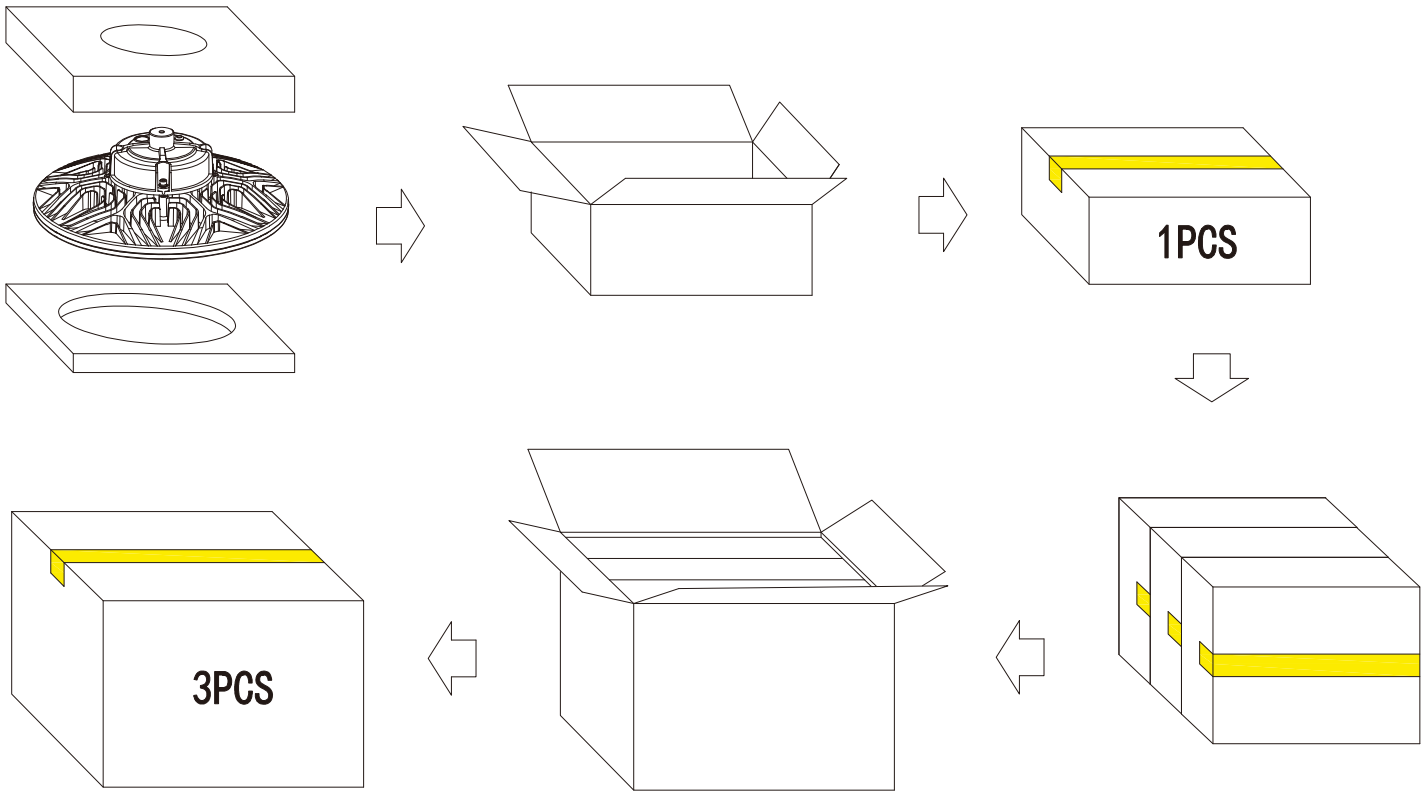
Photosynthetic:PPF:372.22umol/s PAR WATT:81333mW(400-700nm)

Electrical parameters:

V = 119.86 V I = 1.999 A P = 239.4 W PF = 0.9992

LEVEL:OUT WHITE:ANSI_5000K

PACKAGE



Power	Unit	Size	Grass weight	Volume
NG-UFOPR-120W NG-UFOPR-150W NG-UFOPR-200W NG-UFOPR-100WH NG-UFOPR-150WH	1PCS	330X330X150mm	3.5 Kg	0.016m³
	3PCS	500X350X355mm	14.5 Kg	0.063m³

Power	Unit	Size	Grass weight	Volume
NG-UFOPR-240W NG-UFOPR-200WH NG-UFOPR-240WH	1PCS	390X390X150mm	4.3 Kg	0.023m³
	3PCS	490X410X415mm	17. 5 Kg	0.084m³