LED HIGH BAY LIGHT

KEY FEATURES

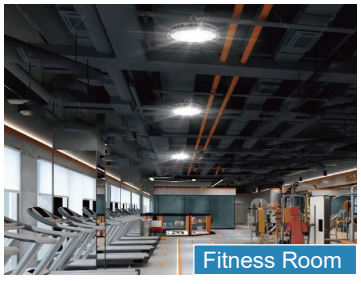
E500183

* Unique and exquisite appearance design
* Aluminum shell, great heat dissipation performance, longer life span
* Build-in driver, better price
* Thinner and lighter design, lower shipping cost
* 150LM/W SMD3030 Chips
* Adjustable wattages: 100W/ 150W/ 200W/ 240W
* Adjustable CCT: 3000K/ 4000K/ 5000K
* Voltage rating: 100-277V AC
* 5-Year warranty

CCT Adjustable	Power Adjustable
CCT 3000K	W 60%
4000K	80%
5000K	100%

APPLICATIONS

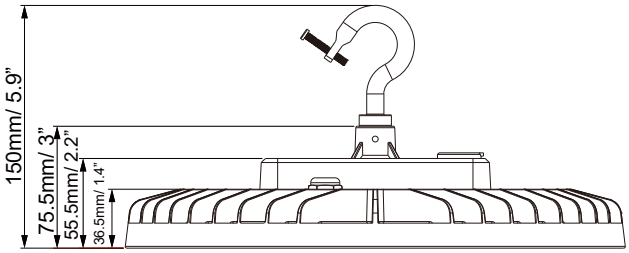
LED UFO LIGHT series can be widely used in warehouse,Grocery,Garage,shopping mall etc.

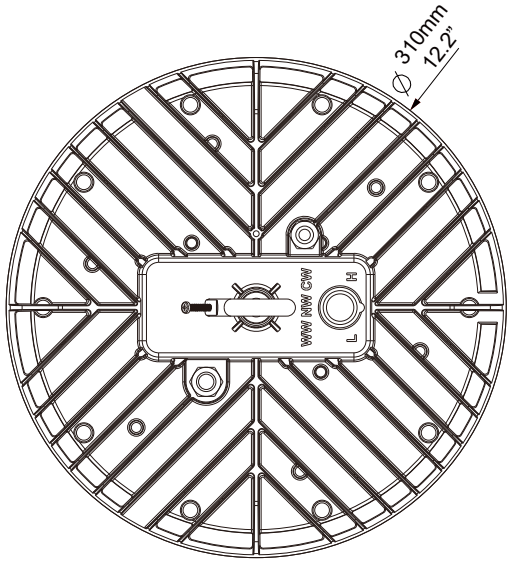


DIMENSIONS

100W/ 150W

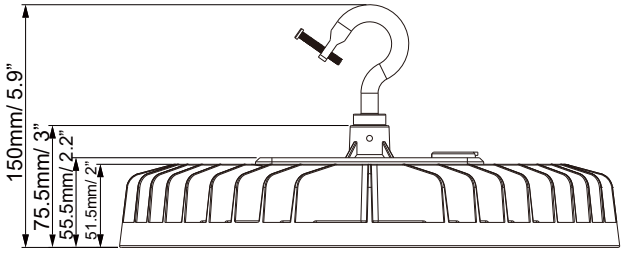
Weight:3000g/ 6.61 lbs

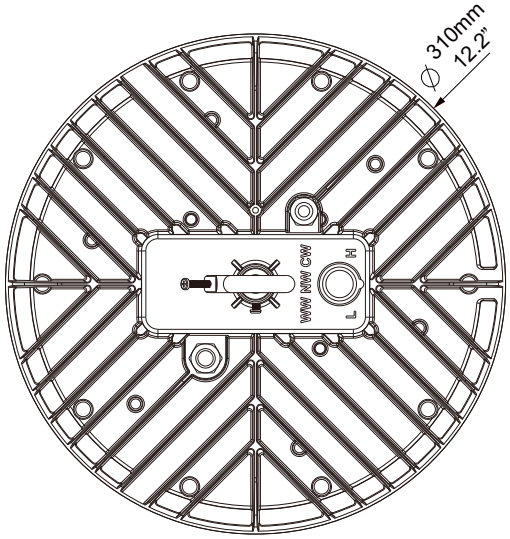




200W/ 240W

Weight:3500g/ 7.72 lbs



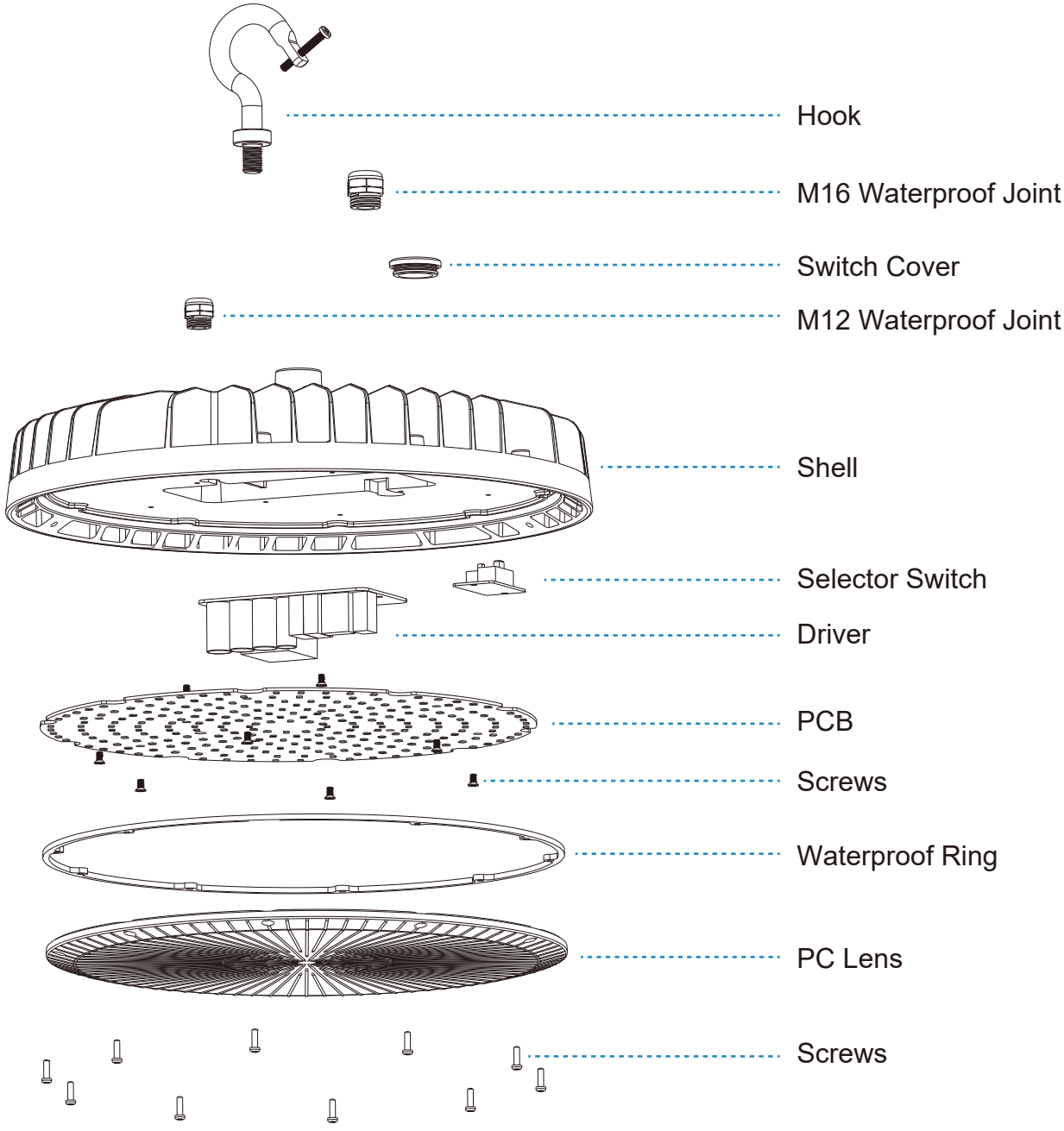


Model	CCT	Lumen (±10%lm)	Efficacy (±10%)	Beam Angle	LED/ Qty.	Power (±10%)	Voltage/ Frequency	Protection Grade	CRI	PF	Dimming
NG-UFOBI-100W	3000K 4000K 5000K	15000	140LM/W	120°	SMD3030 - 180pcs	100W	AC100-277V 50/60Hz	IP65	≥80	>0.9	0-10V
NG-UFOBI-150W		22500				150W					
NG-UFOBI-200W		30000			SMD3030 - 260pcs	200W					
NG-UFOBI-240W		36000				240W					

*The number of LED Chips in the adjustable CCT version is doubled.

STRUCTURE

* The accessories of the light may differ as per the function changes.



INSTALLATION INSTRUCTIONS

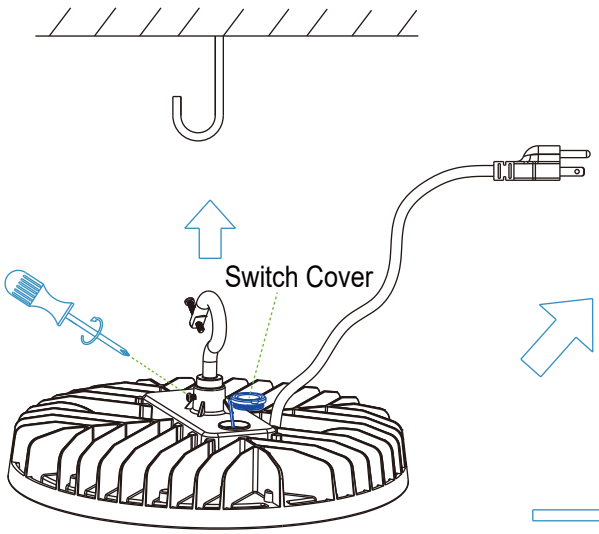
*** IMPORTANT**

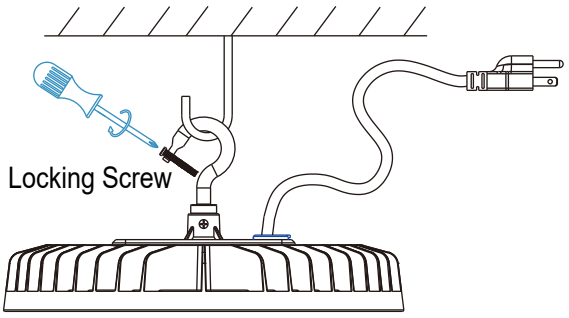
READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

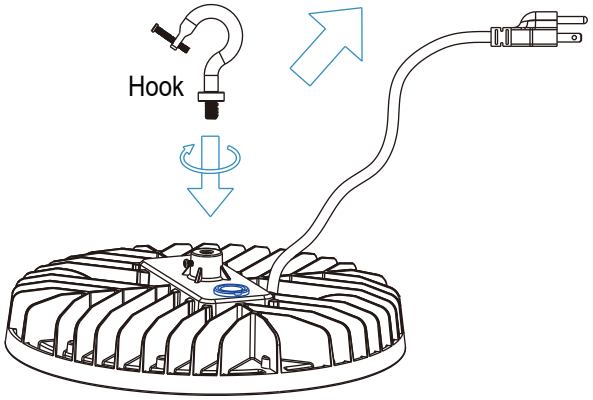
NGTLIGHT fixtures must be wired by qualified electrician. Proper grounding is required for safety.

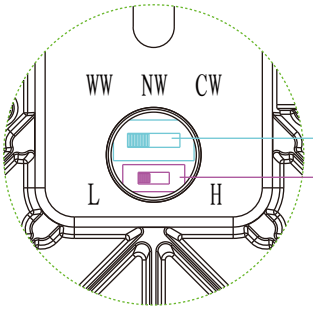
Make sure power is OFF before installing or maintaining fixture.

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.









Zoom in (Front View)

CCT Tunable Switch

Watt Selectable Switch

① Screw the hook tight into the top of the light.

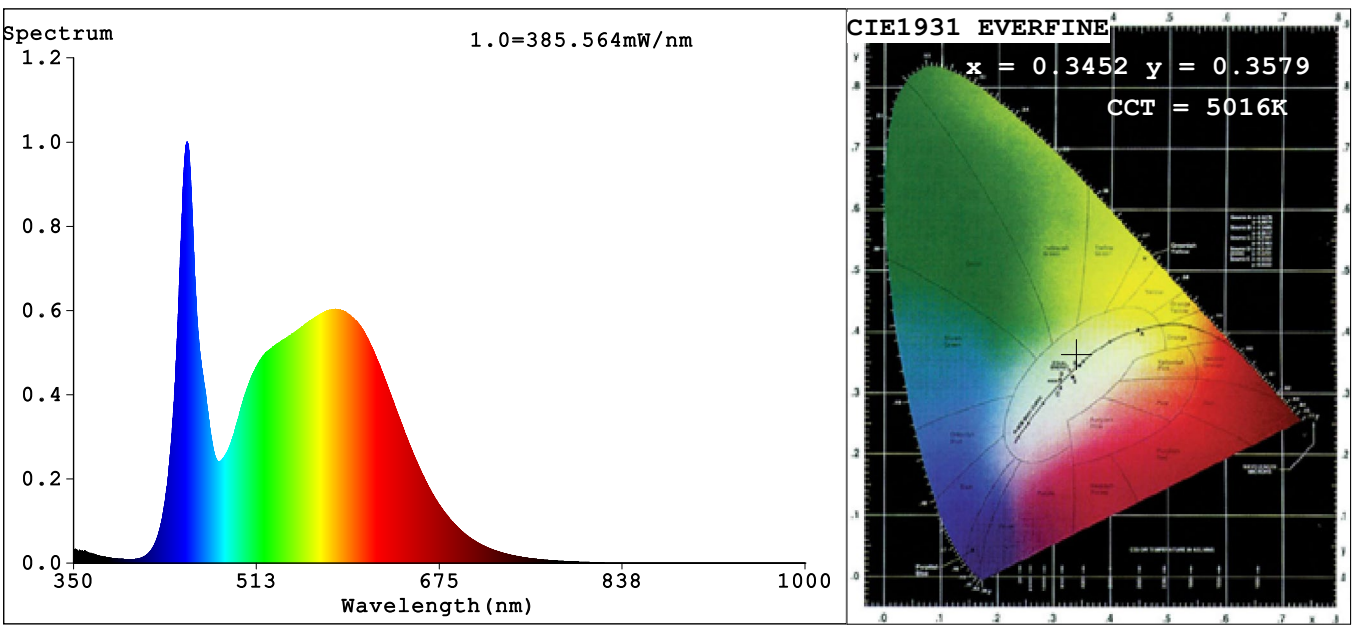
② Lock and fix the hook with the side screws.

③ Open the switch cover, adjust the color temperature and wattage on your demands, close the cover.

④ Hang the light according to the installation height you need, and secure with locking screw.

⑤ Plug into the power socket and turn on the light.

100W LED HIGH BAY LIGHT



Color Parameters:

Chromaticity Coordinate:x=0.3452 y=0.3579/u'=0.2091 v'=0.4877

CCT=5016K(Duv=0.0031) Dominant WL:Ld =569.7nm WL:Lc = --nm Purity=11.0%

Ratio:R=15.6% G=79.9% B=4.6% Peak WL:Lp=450.8nm FWHM=20.4nm

Render Index:Ra=82.9 AvgR=75.8 TM30:Rf=84 Rg=95

R1 =81	R2 =88	R3 =93	R4 =83	R5 =82	R6 =84	R7 =86	
R8 =66	R9 =4	R10=72	R11=82	R12=62	R13=83	R14=96	R15=75

Photo Parameters:

Flux = 15086.2 lm Eff. : 151.62 lm/W Fe = 45.48 W

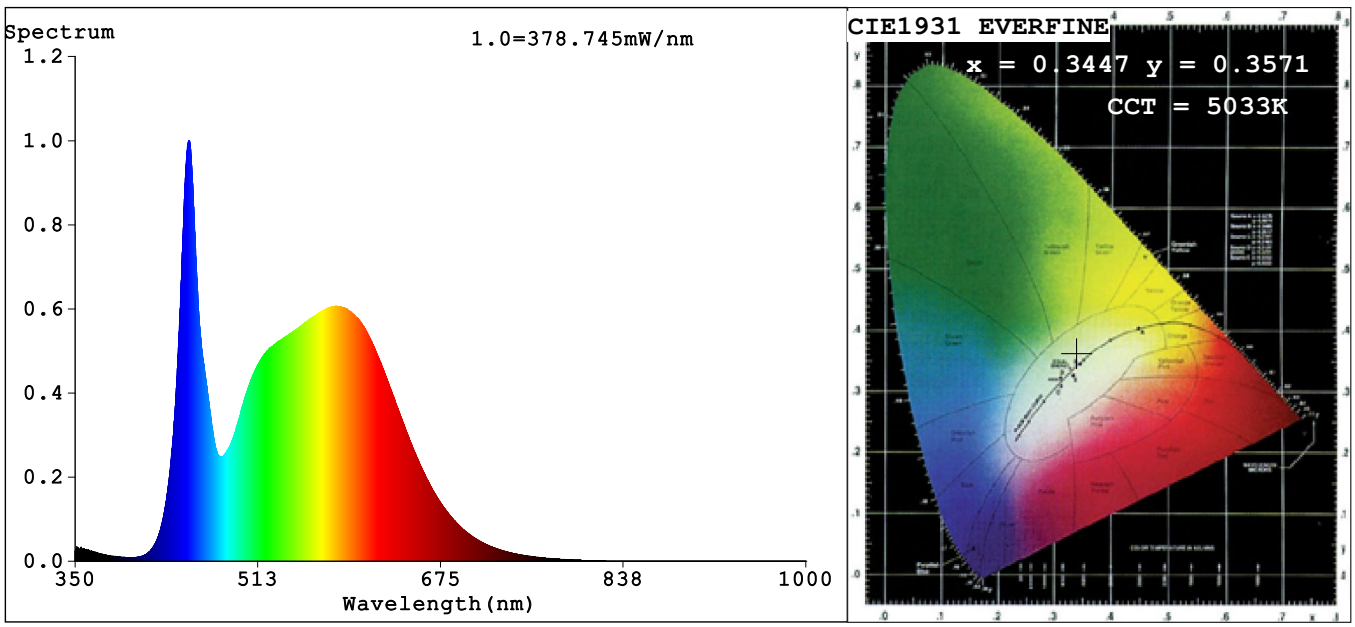
Electrical parameters:

V = 119.73 V I = 0.831 A P = 99.5 W PF = 0.9912

LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 106 ms Ip = 50279 (77%)

150W LED HIGH BAY LIGHT



Color Parameters:

Chromaticity Coordinate:x=0.3447 y=0.3571/u'=0.2091 v'=0.4872

CCT=5033K(Duv=0.0029) Dominant WL:Ld =569.5nm WL:Lc = --nm Purity=10.6%

Ratio:R=15.6% G=79.8% B=4.6% Peak WL:Lp=451.1nm FWHM=21.0nm

Render Index:Ra=83.0 AvgR=76.0 TM30:Rf=84 Rg=95

R1 =81	R2 =88	R3 =93	R4 =83	R5 =82	R6 =84	R7 =87	
R8 =66	R9 =5	R10=72	R11=82	R12=63	R13=83	R14=97	R15=75

Photo Parameters:

Flux = 22171.12 lm Eff. : 148.6 lm/W Fe = 45.01 W

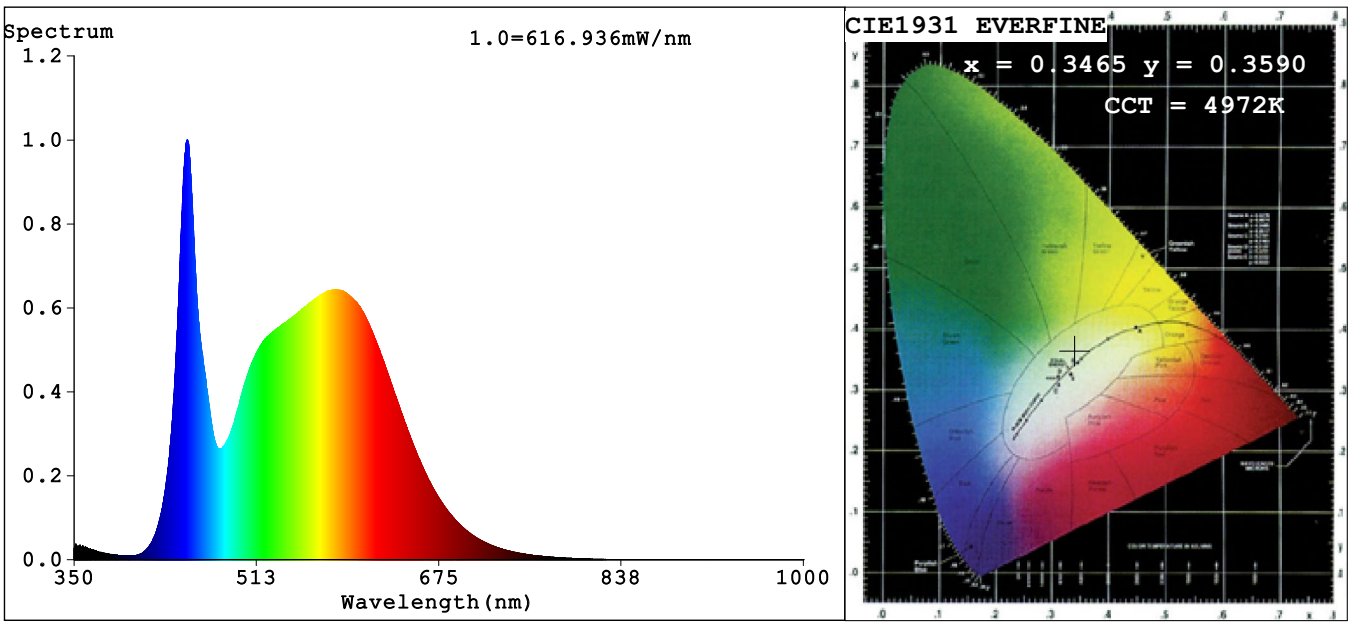
Electrical parameters:

V = 119.73 V I = 1.246 A P = 149.2 W PF = 0.9912

LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 106 ms Ip = 49556 (76%)

200W LED HIGH BAY LIGHT



Color Parameters:

Chromaticity Coordinate:x=0.3465 y=0.3590/u'=0.2095 v'=0.4884

CCT=4972K(Duv=0.0031) Dominant WL:Ld =570.3nm WL:Lc = --nm Purity=11.7%

Ratio:R=15.6% G=79.8% B=4.6% Peak WL:Lp=450.8nm FWHM=22.4nm

Render Index:Ra=82.8 AvgR=75.5 TM30:Rf=84 Rg=95

R1 =81	R2 =88	R3 =94	R4 =82	R5 =81	R6 =84	R7 =88	
R8 =66	R9 =5	R10=72	R11=80	R12=58	R13=83	R14=97	R15=75

Photo Parameters:

Flux = 29603.99 lm Eff. : 149.5 lm/W Fe = 77.43 W

Electrical parameters:

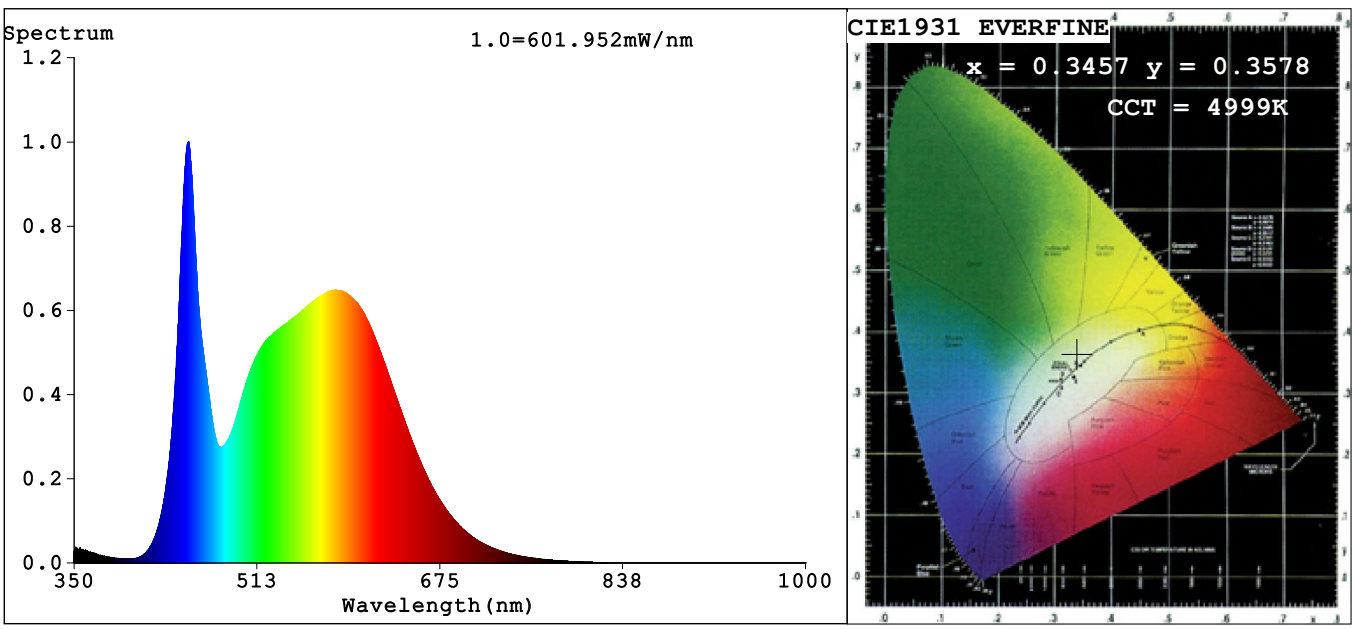
V = 119.70 V I = 1.654 A P = 198.02 W PF = 0.9934

LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 71 ms Ip = 53892 (82%)

TEST DATA

240W LED HIGH BAY LIGHT



Color Parameters:

Chromaticity Coordinate:x=0.3457 y=0.3578/u'=0.2094 v'=0.4877

CCT=4999K(Duv=0.0028) Dominant WL:Ld =570.1nm WL:Lc = --nm Purity=11.1%

Ratio:R=15.6% G=79.7% B=4.6% Peak WL:Lp=451.8nm FWHM=23.5nm

Render Index:Ra=83.0 AvgR=75.8 TM30:Rf=84 Rg=95

R1 =81	R2 =89	R3 =94	R4 =81	R5 =81	R6 =84	R7 =87	
R8 =67	R9 =6	R10=73	R11=80	R12=58	R13=83	R14=97	R15=75

Photo Parameters:

Flux = 35084.59 lm Eff. : 147.65 lm/W Fe = 76.33 W

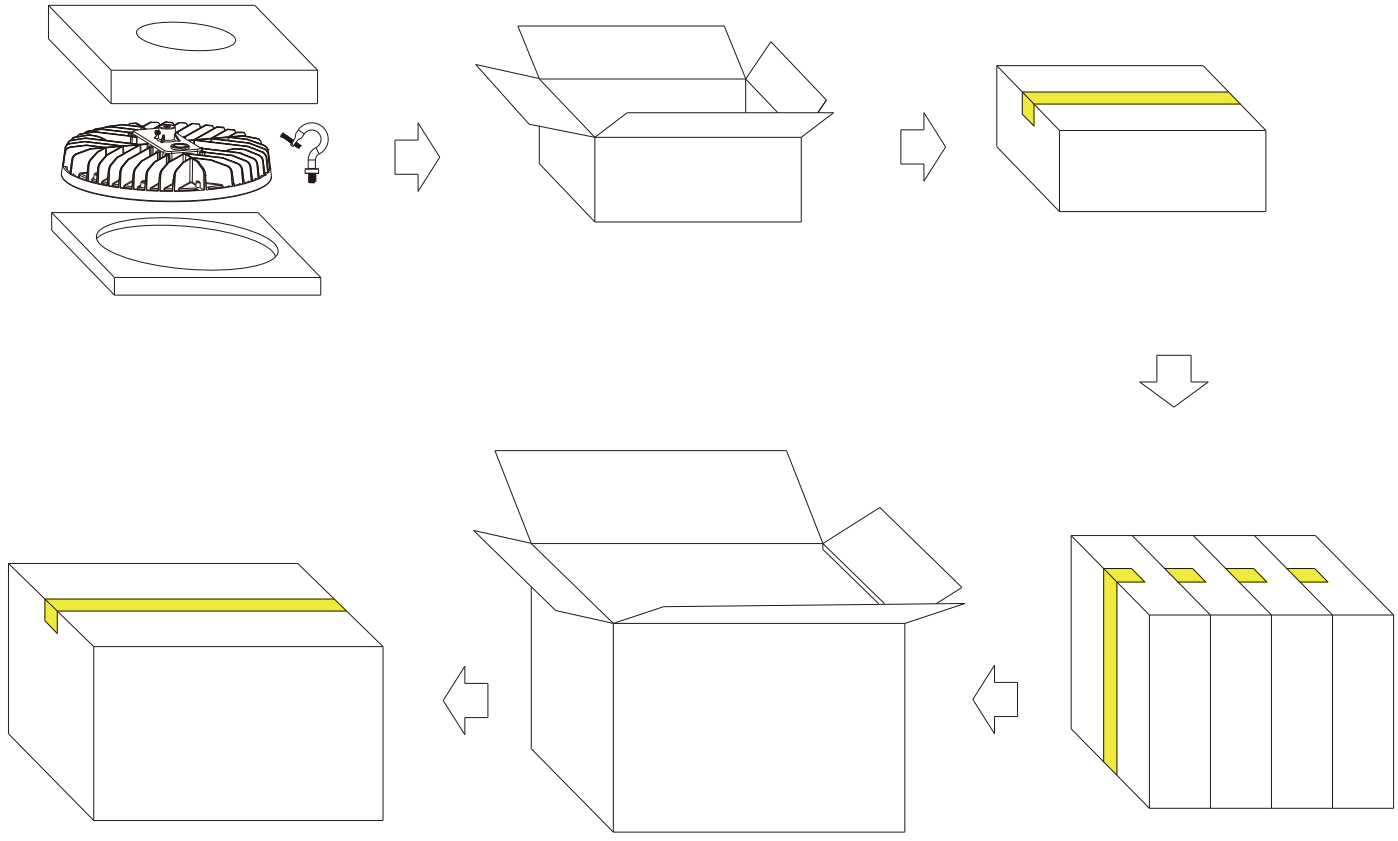
Electrical parameters:

V = 119.70 V I = 1.985 A P = 237.62 W PF = 0.9934

LEVEL:OUT WHITE:ANSI_5000K

Status: Integral T = 71 ms Ip = 52859 (81%)

PACKAGE



Power	Unit	Size	Gross Weight	Volume
NG-UFOBI-100W NG-UFOBI-150W	1 PC	320x320x125mm/ 12.60″*12.60″*4.92″	3.0 KG/ 6.61 lbs	0.013m³
	4 PCS	555x335x340mm/ 21.85″*13.19″*13.39″	13 KG/ 28.66 lbs	0.063m³
NG-UFOBI-200W NG-UFOBI-240W	1 PC	320x320x125mm/ 12.60″*12.60″*4.92″	3.5 KG/ 7.72 lbs	0.013m³
	4 PCS	555x335x340mm/ 21.85″*13.19″*13.39″	15 KG/ 33.07 lbs	0.063m³