

## Sturdy Dimmable Industrial LED High Bay Lights 100Watt Led Light Bay Fixture

Our Product Introduction

for more products please visit us on [ushineraylight.com](http://ushineraylight.com)

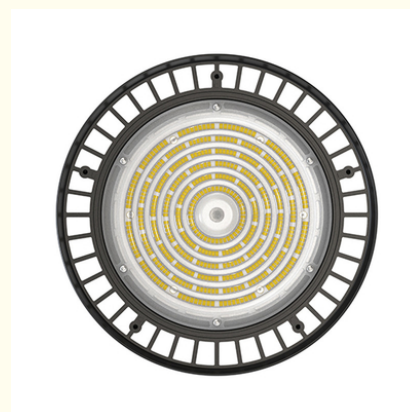
### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: UShineray
- Certification: CE
- Model Number: YXR-UFO-100W-D
- Minimum Order Quantity: 1pcs
- Payment Terms: T/T, Paypal, Western Union

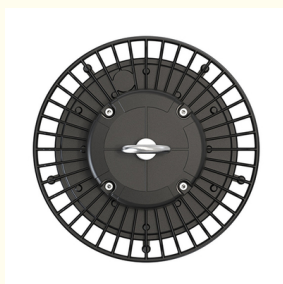


### Product Specification

- Power: 100W
- Lumen: 13000±5%lm 16000±5%lm
- Lighting Solutions Service: Lighting And Circuitry Design, DIALux Evo Layout
- Power Adjustable: Available (Toggle Switch)
- Lamp Body Material: Aluminum Alloy + PC
- Color: Black
- Light Source: LED
- Warranty(Year): 5-Year
- Beam Angle: 60°/90°/120°
- Usage: Warehouse Lighting
- Highlight: 100watt led light bay fixture, industrial led high bay lights 100watt, industrial led light bay fixture



### More Images



## Product Description

### Sturdy Dimmable 100W LED Light Bay for Industrial Lighting

Our 100W dimmable LED light bay is engineered for industrial lighting, offering a robust and adjustable illumination solution. Designed for durability and reliability, it provides high-quality light output that can be dimmed to meet specific lighting needs in industrial environments. Its sturdy construction ensures long-lasting performance and effective lighting for various industrial applications.

### Product Features

High bright led lights source lumileds, small light decay.

Whole lamp light efficiency 160lm/W $\pm$ 5%.

Adopt high quality UV material PC lens, high temperature resistance, no yellowing.

60°/90°/120° beam angles, meets different lighting applications.

Fin design aluminum heat-sink, excellent heat-dissipation performance, longer life span.

Functions: ZigBee, PWM 0/1~10V, Micro-wave, CCT & Power DIP switch.

### Product Parameters

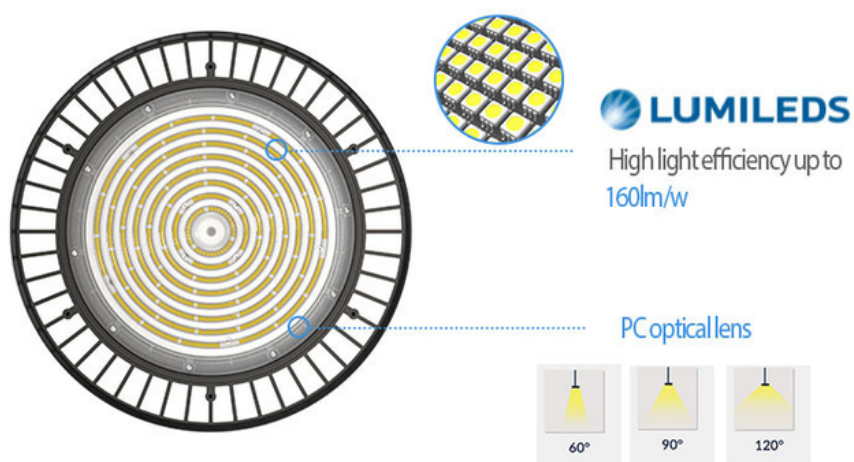
Model	YXR-UFO-100W-D
Rated Power	100W
Other Power Options	150W 200W 300W 480W
Lumen	13000 $\pm$ 5%lm 16000 $\pm$ 5%lm
Size(mm)	Ø255*162mm
Net Weight	1.8kg
Light Efficacy	130lm/W $\pm$ 5% 160lm/W $\pm$ 5%
Beam Angle	60°/90°/120°
LED	Lumileds 2835
Color Temperature	2800K-6500K
Power adjustable	Available (Toggle switch)
CCT adjustable	Available (Toggle switch)
Input Voltage	AC100-277V 50/60Hz (Moso)
Protection	OTP, OCP, OVP, SCP
Surge Protection	6KV
Thermal Conductivity	96 W/m-K
CRI	$\geq$ 70Ra
SDCM	<6
PF	>0.97
THD	<15%
Work Temperature	-30~60°C
LED Junction Temperature	$\leq$ 80°C
Humidity	15%~90% RH, no condensing
IP Grade	IP65
IK Grade	IK08
Certificates	CE RoHS
Warranty	5 Years
Life Span	$\geq$ 50000H
Body Material	PC lens + Aluminum housing

Electronic Safety Grade	Class I
Wire	Rubber cable(3*0.75mm²) L=0.3m

## Product Details



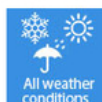
## Product Details



## IP65



The new high bay light is affordable and durable, providing reliable bright light in cold weather. It has IP65 waterproof and IK08 rating, ensuring it can work well in rugged environments.



Multiple brand power supplies  
available for selection



**MOSO®**

Surge protection: **6KV**

Multi-voltage: **AC100-277V**



Die-casting aluminum housing



Adjustable color temperature (customizable)

CCT & Wattage DIP switch



Power adjustable 100% - 80% - 60%

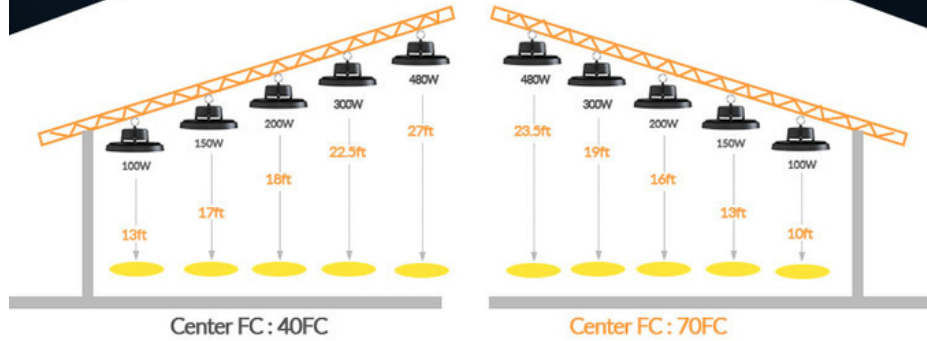


**Beam angle**  
60°/90°/ 120°

**2800~6500K**  
CCT

**100~480** Watts

**16000~76800**  
Lumen



Power	Equivalent	Typical Height of Installation	Coverage	Lumens
100W	400W HID	10-13FT	Dia 38ft	16000Lm
150W	700W HID	13-17FT	Dia 46ft	24000Lm
200W	850W HID	16-18FT	Dia 53ft	32000Lm
300W	1250W HID	19-22.5FT	Dia 67ft	48000Lm
480W	2000W HID	23.5-27FT	Dia 98ft	76800Lm



### Aluminum-alloy design anti-glare structure design



Excellent structure design



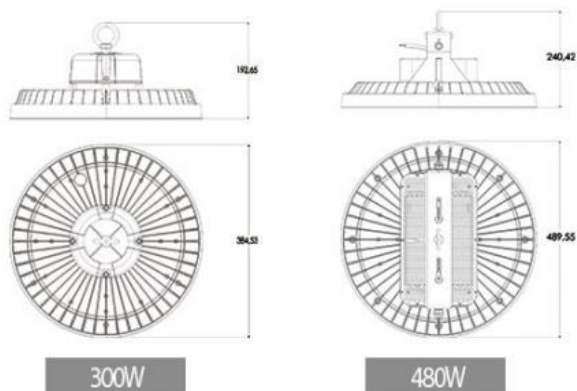
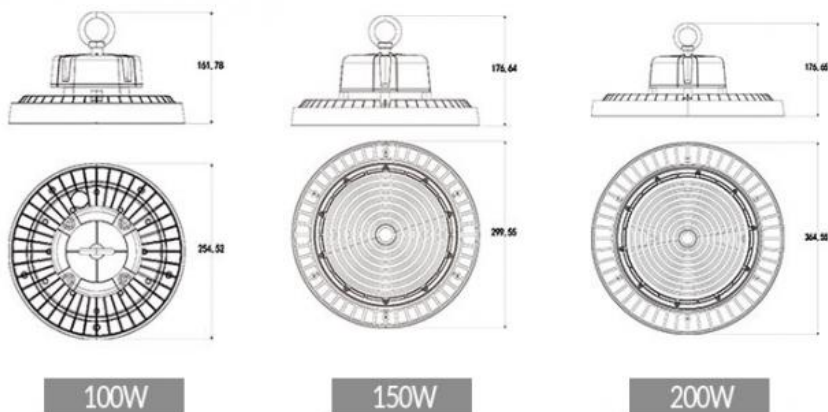
Safety rope



Hook

1. Place the lifting ring on the lamp
2. Hang the lamp on the hook
3. Fix the safety rope correctly
4. Insert the power socket

Unit : mm



The lamp shell is made of aluminum  
the surface of the lamp is treated with  
UV resistant and corrosion-resistant  
powder spraying.



UShineray led



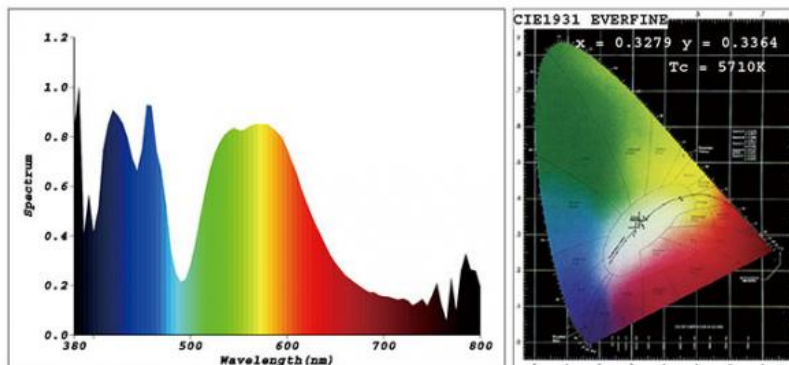
Traditional lighting fixtures

VS

Manufacturer	UShineray led	Others
Power	150W	200W
Luminous flux	160lm/W	120lm/W
Brightness	24000lm	24000lm
Comsumption per month (6H/D,20D/M)	18kwh	24kwh
Constant illuminance saving (day light and micro-wave sensor)	41%~62%	Non
Electric charge	0.302\$/kwh	0.302\$/kwh
Device used	100pcs	100pcs
Electric charge per month	\$320.7	\$724.8
Electric charge in 5 years	\$19242	\$43488

## Test report

### Light source test report:



### Color Parameters:

Chromaticity Coordinate:  $x=0.3279$   $y=0.3364$   
 Chromaticity Coordinate:  $u'=0.3279$   $v'=0.3364$  ( $duv=-3.19e-04$ )  
 $Tc=5710K$  Dominant WL:  $Ld=499.0nm$  Purity=1.7% Centroid WL:  $540.0nm$   
 Ratio:  $R=14.7\%$   $G=81.5\%$   $B=3.7\%$  Peak WL:  $Lp=385.0nm$  HWL:  $9.2nm$   
 Render Index:  $Ra=74.8$   
 $R1=73$   $R2=79$   $R3=81$   $R4=76$   $R5=74$   $R6=73$   $R7=82$   
 $R8=61$   $R9=-23$   $R10=47$   $R11=72$   $R12=60$   $R13=73$   $R14=89$   $R15=67$

### Photo Parameters:

Flux: 24000 lm  $Fe: 115.21 W$  Efficacy: 160.0 lm/W

### Electrical Parameters:

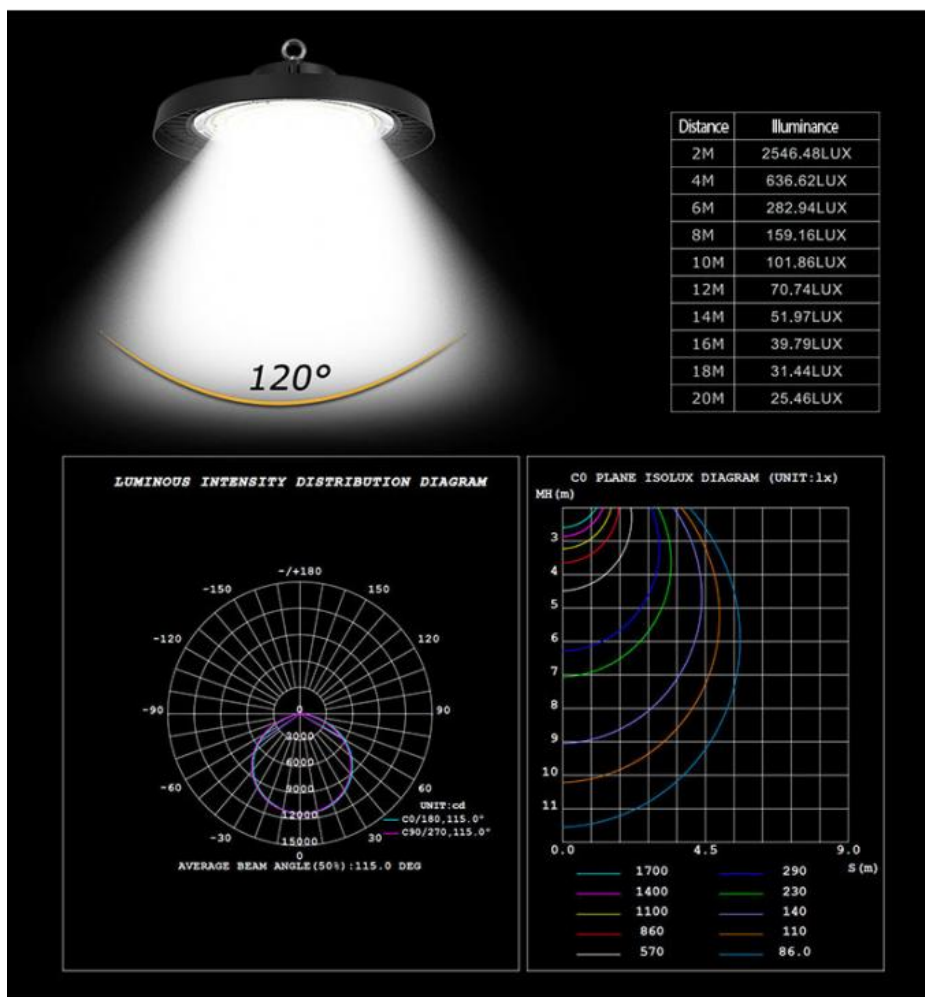
Luminaire:  $U=221.1V$   $I=0.6930A$   $P=149.0W$   $PF=0.9710$

### Instrument Status:

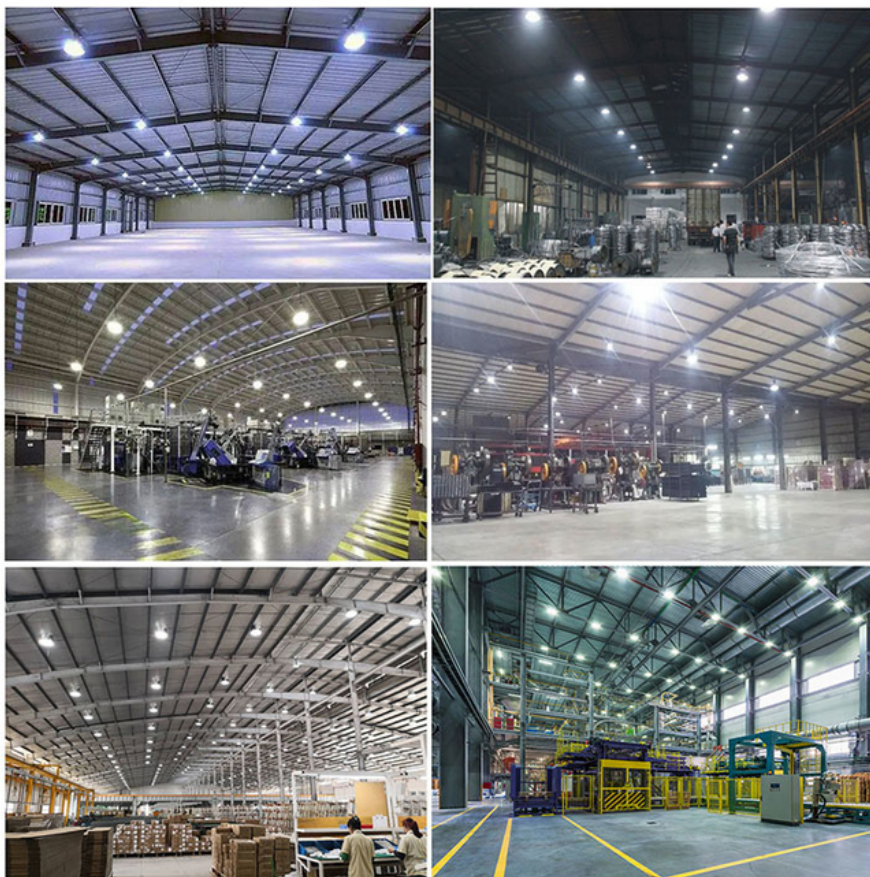
Scan Range: 380.0nm-800.0nm Interval: 5.0nm [1]  
 REF=0 (R=4)  $\% = 0.000\%$

$Ip=13058$  ( $G=2, D=197$ )  
 PMT: 27.2 centigrade [38.4]

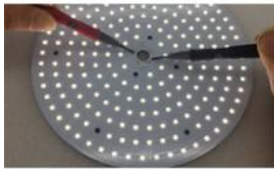




## Application Scenarios



## Production Process:



Raw Material Inspection



Product Assembly



Aging Test



Integrating Sphere Testing



IES Photometric Testing



High Pressure Testing



Waterproof Testing



Package



Loading

## FAQ

### Q1. Are you a manufacturer?

Yes, we have our factory with over 10 years of R&D and manufacturing experience based on ISO quality management since 2011.

### Q2. Do you have any MOQ limit for LED light orders?

No MOQ, 1pc for sample checking is available.

### Q3. Can I get a lower price for a large quantity of orders?

Yes, please check with our sales staff for the details.

### Q4. How about the lead time of ordering?

Our standard sample lead time is 3-5 days, and normal order lead time is 7-10 days. For the large order lead time, please also check with our sales team.

### Q5. Can you provide OEM and ODM services?

We can provide OEM and ODM products, with customized label designs on the product and carton box. Or customized carton box, and laser print logo on the lamp fixture.

### Q6. What is the payment terms of your formal order?

We accept payment via TT, Paypal, and Western Union, and we offer EXW, FOB, CIF, and CFR terms.

### Q7. How to deal with the defective?

All of our products are produced in a strict quality control system, the defective rate is less than 0.2% according to our shipment records. We offer a 3- 5 years warranty for this product, if there is any defective during the warranty, please provide pictures or videos of the working situation of the defective lights, and we will ship the new lights to you within a few days or send it together with your next order.

**USHINERAY** Shenzhen Yongxinrui Lighting Technology Co., Ltd.

+8613410523891

joy@ushineray.com

ushineraylight.com

4F, Building C, Junxing Optoelectronic Industrial Park, Fuyuan 2nd Road, FuHai Street, Bao'an District, Shenzhen