150W 19500lm Commercial Industrial LED High Bay Lights For Garment Factory Ceiling

Our Product Introduction
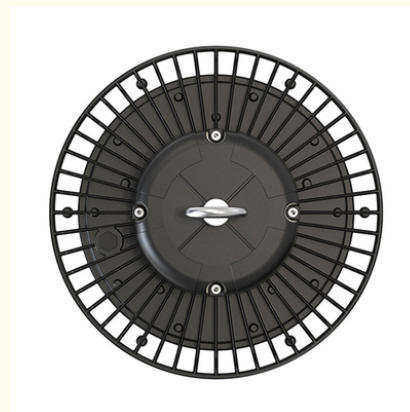
Basic Information

- Place of Origin: Guangdong, China
- Brand Name: UShineray
- Certification: CE
- Model Number: YXR-UFO-150W-D
- Minimum Order Quantity: 1pcs
- Payment Terms: T/T, Paypal, Western Union

Product Specification

- Power: 150W
- Lumen: 19500±5%lm 24000±5%lm
- CCT Adjustable: Available (Toggle Switch)
- 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: Factory Supermarket Illumination
- Highlight: **150W Industrial LED High Bay Lights**, **19500lm Industrial LED High Bay Lights**, **commercial led high bay lights For Garment**

More Images

Product Description

High Light Efficacy 150W Commercial High Bay LED Lights for Garment Factory Ceiling
The 150W commercial high bay LED lights are designed for high light efficacy, making them ideal for garment factory ceilings. These lights deliver superior brightness and efficiency, ensuring clear and uniform illumination across large factory spaces. Their high light output enhances visibility and productivity, making them perfect for detailed work environments.

Product Features

High-Quality LED Source: Utilizes Lumileds LEDs for high brightness and minimal light decay.
Efficient Lighting: Achieves 160lm/W ±5% light efficiency for superior illumination.
Durable PC Lens: Features a UV-resistant PC lens that withstands high temperatures and resists yellowing.
Versatile Beam Angles: Available in 60°, 90°, and 120° angles to suit various lighting needs.
Advanced Heat Management: Equipped with a fin design aluminum heat sink for optimal heat dissipation and extended lifespan.
Multiple Control Options: Includes ZigBee, PWM, 0/1-10V, microwave, and CCT & power DIP switch functionalities.
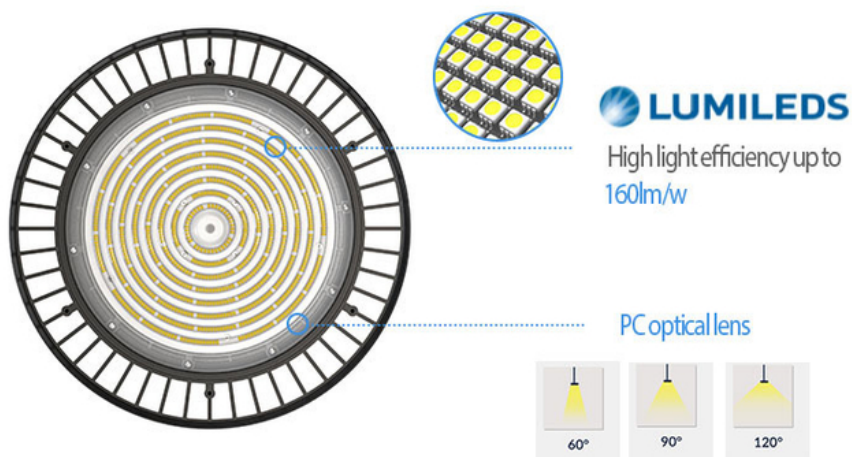

Product Parameters

Model	YXR-UFO-150W-D
Rated Power	150W
Other Power Options	100W 200W 300W 480W
Lumen	19500±5%lm 24000±5%lm
Size(mm)	Ø300*176mm
Net Weight	2.2kg
Light Efficacy	130lm/W ±5% 160lm/W ±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	≥70Ra
SDCM	<6
PF	＞0.97
THD	<15%
Work Temperature	-30~60℃
LED Junction Temperature	≤80℃
Humidity	15%~90% RH, no condensing
IP Grade	IP65
IK Grade	IK08
Certificates	CE RoHS
Warranty	5 Years
Life Span	≥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

LUMILEDS
High light efficiency up to 160lm/w

PC optical lens

60° 90° 120°

IP65

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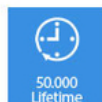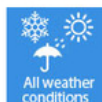
The new high bay light is affordable and durable, providing reliable bright light in cold weather. It has IP65 waterproof and IK08 rating, ensuring it can work well in rugged environments.

All weather conditions

50.000 Lifetime

Multiple brand power supplies
available for selection

SOSEN MOSO®

Surge protection: 6KV
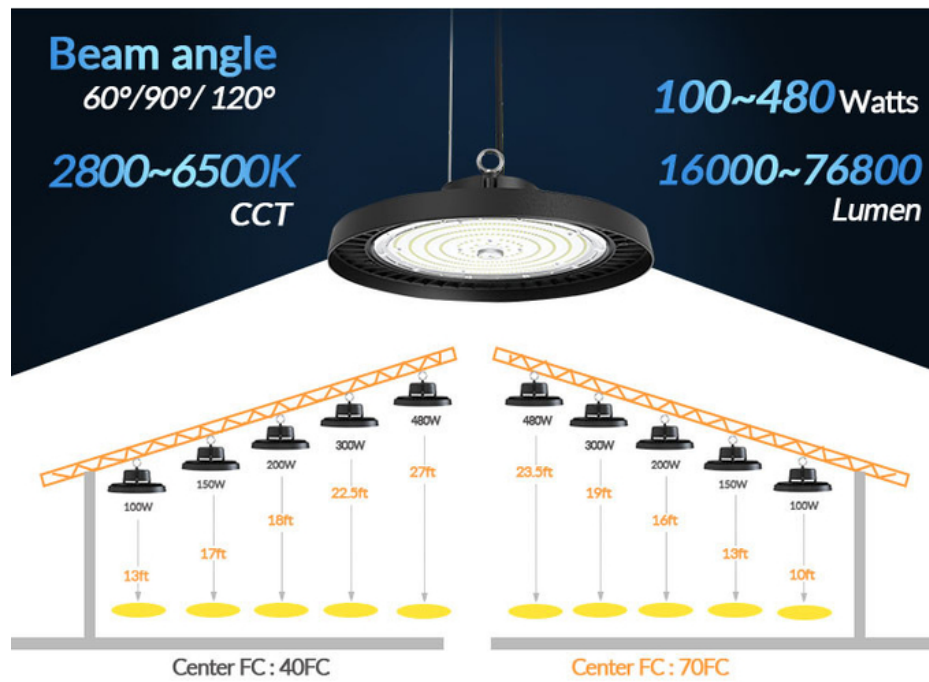Multi-voltage: AC100-277V

Die-casting luminum 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

Center FC : 40FC

Center FC : 70FC

Power	Equivalent	Typical Height of Installation	Coverage	Lumerns
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
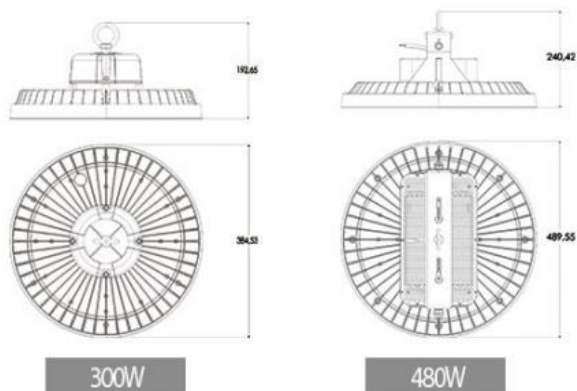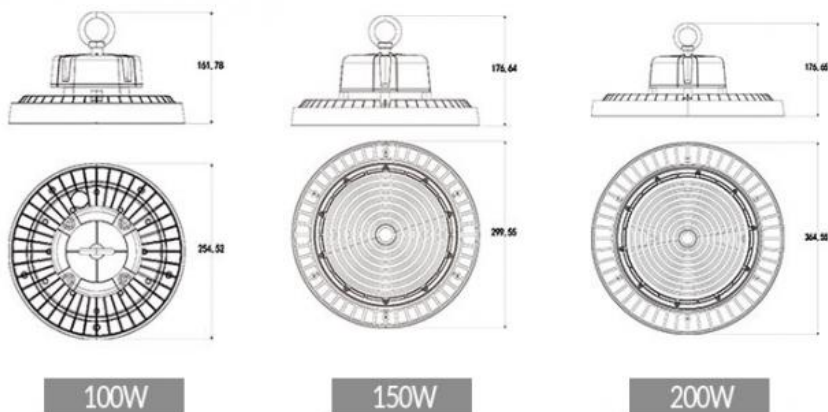
1. Place the lifting ring on the lamp
2. Hang the lamp on the hook
3. Fix the safety rope correctly
4. Insert the power socket

Safety rope

Hook

Unit : mm

| 100W | 150W | 200W |

| 300W | 480W |

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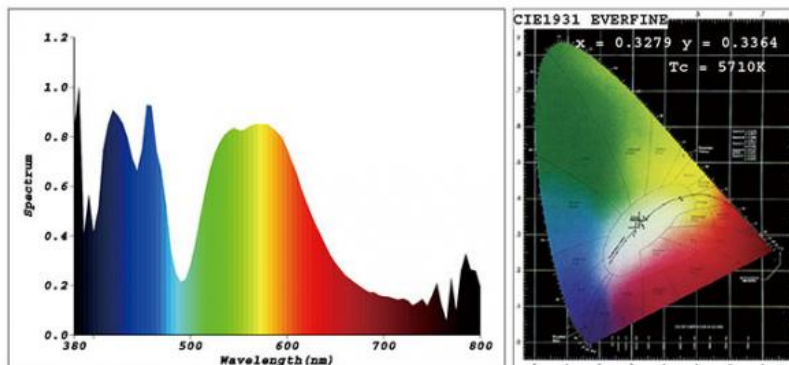

UShineray led **VS** Traditional lighting fixtures

Manufacturer	UShineray led	Others
Power	150W	200W
Luminous flux	160lm/W	120lm/W
Brightness	24000lm	24000lm
Comssumption 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:

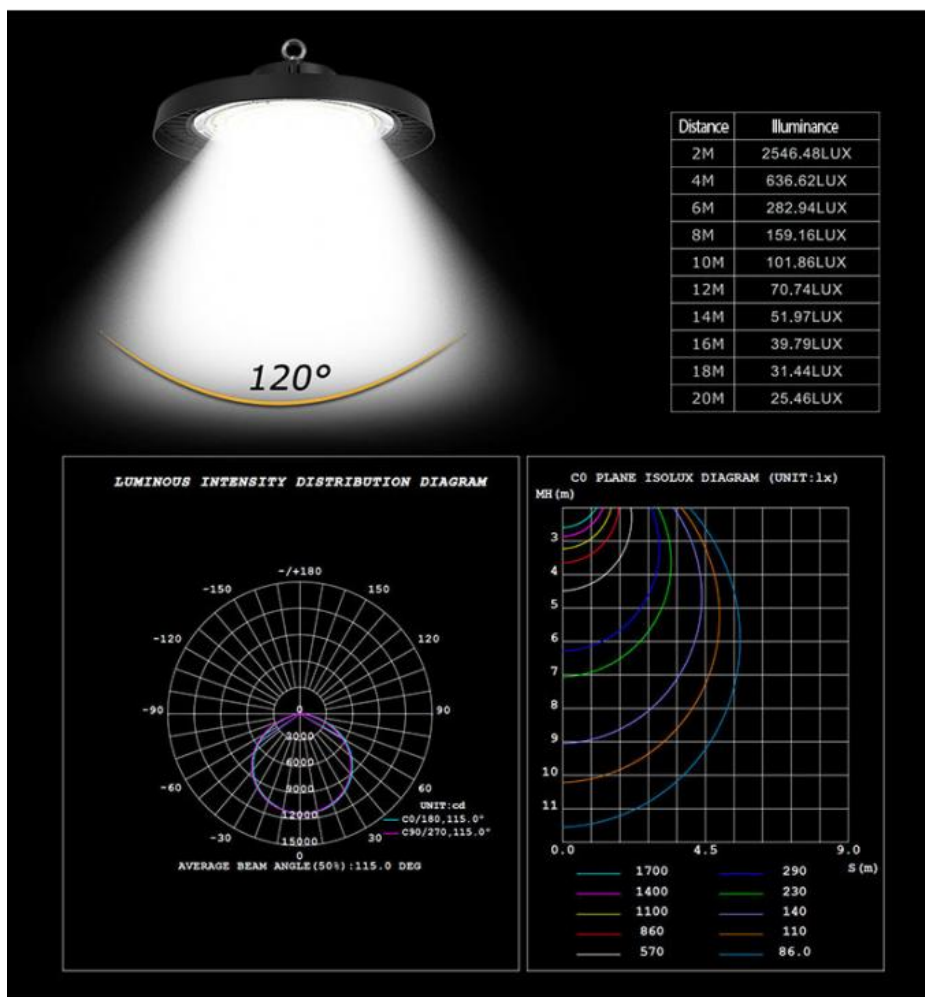Flux: 24000 lm Fe: 115.21 W Efficacy:160.0 lm/W

Electrical Parameters:

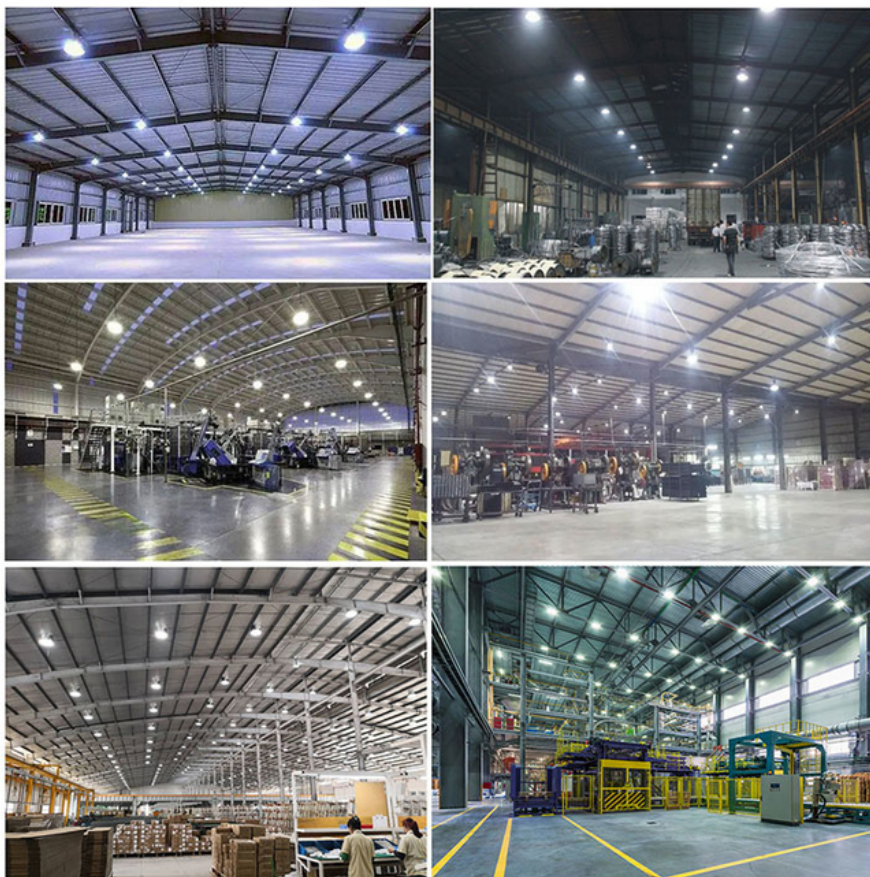Luminaire: U=221.1V I=0.6930A P=149.0W PF=0.9710

Instrument Status:
Scan Range:380.0nm-800.0nm Interval:5.0nm[1]   Ip=13058(G=2,D=197)
REF=0(R=4)   %=0.000%   PMT: 27.2 centigrade [38.4]

120°

Distance	Illuminance
2M	2546.48LUX
4M	636.62LUX
6M	282.94LUX
8M	159.16LUX
10M	101.86LUX
12M	70.74LUX
14M	51.97LUX
16M	39.79LUX
18M	31.44LUX
20M	25.46LUX

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

-/+180
-150   150
-120   120
-90   90
3000
6000
9000
60   UNIT:cd
12000   C0/180,115.0°
-60   C90/270,115.0°
15000   30
-30   30
0
AVERAGE BEAM ANGLE(50%):115.0 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:1x)
MH (m)

3
4
5
6
7
8
9
10
11
0.0   4.5   9.0
S (m)

1700	290	
1400	230	
1100	140	
860	110	
570	86.0	

Application Scenarios

PRODUCTION SITE

MANUFACTURING CAPACITY

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.