

UFO LED High Bay

HP300

- Shop & Retail
- Architectural
- Semi-outdoor
- Education
- Industrial



Premium



DESIGNED SPECIFICALLY FOR QUICK AND EASY WATERPROOF INSTALLATION.

FEATURES

- UFO High Bay Patented Design
- 4 Series products can meet the demand of different customers and markets
- Universal AC input 90-305VAC
- Loop hang and wall mounted for convenient installation and maintenance
- 60°90°110°beam angle with Lens
- Unique heatsink design for stable product performance
- Built-in active PFC function
- Patented design + Brand driver+ Brand LED
- Product automatic protection (OVP OLP OTP OCP)
- Water proof IP65 rate

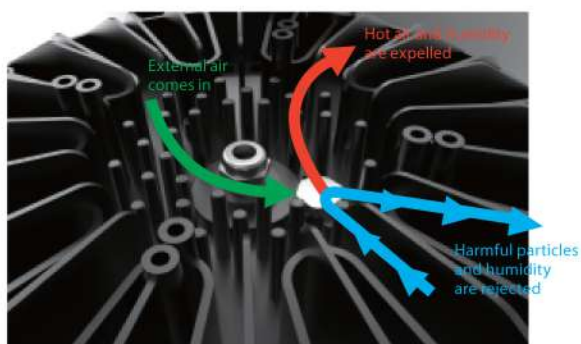
APPLICATION

- **INDUSTRIAL**
Warehouses, Production halls, Parking areas
- **EDUCATION**
Cafeteria, Auditorium, Sports halls, Pools, Warehouse
- **SEMI-OUTDOOR**
Pools, Airports, Train stations, Toll stations
- **SHOP & RETAIL**
Shopping mall, Supermarkets
- **ARCHITECTURAL**
Exhibition center, Concert hall

FEATURES



■ FILTER



Lighting enclosures are increasingly vulnerable to the demands of evolving technologies: higher-density components generate higher internal temperatures and pressures. LED demands longer life of the entire system and at the same time robust protection from both contaminants and condensation.

Luxwerx HP3 is equipped with a membrane filter which equalizes internal and external pressure, and thus eliminates stress from gasket, extending it's service life and ensuring a long term IP65 rate.

■ PRODUCTS SERIES



With Reflector



Hook Mounted



Emergency



With Reflector



Rectangular power supply

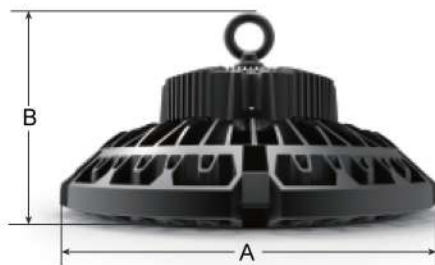


Motion sensor

- A CHOICE OF TAILORED OPTICS ENSURES OPTIMISED PERFORMANCE FOR A RANGE OF APPLICATIONS.



SIZE



Size A	Size B(mm)
Ø320	195
Ø380	206

PARAMETER

Model NO. / Length	Power (W)	Clear (Without reflector) Lumens	Cover Lm/W
HP3CO(Ø320)	80	10400	130
HP3CO(Ø320)	100	13000	130
HP3CO(Ø320)	120	15600	130
HP3CO(Ø320/Ø380)	150	19500	130
HP3CO(Ø380)	200	26000	130
HP3CO(Ø380)	240	31200	130
HP3CO(Ø380)	300	39000	130

Above lumens based on 4000K Ra : 80

Light Source : 3030

CRI Range : 80 / 90 / 95

CCT Range : WW(3000K) NW(4000K) DW(5000K) CW(6500K)

AC Input : 100-277V , 347V, 480V, 50/60Hz Surge Suppression

Beam Angle : 60Deg, 90Deg, 120Deg

Light Efficiency: 130Lm/W (Standard), 150Lm/W(High efficiency)

Waterproof : IP65 & IK08

Recommended Installation Height : 2-15M

Temperature : (Storage : -40~+85°C) (Operating : -30~+50°C)

PF:≥0.93 THD<20% Power Efficiency:≥0.90

Function : ☒ Dimmable ☒ Emergency ☒ Motion Sensor

ACCESSORY PART NUMBER MATRIX



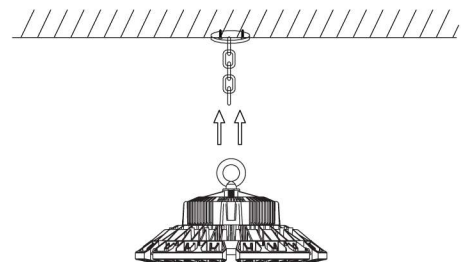
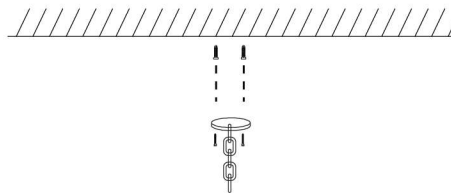
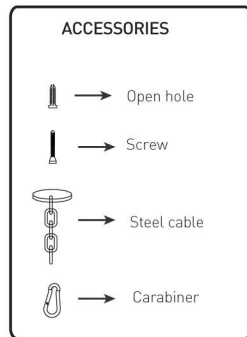
MOUNTING ACCESSORIES						
ACCESSORIES	IMAGE	DESIGNTION	MATERIAL	DESCRIPTION	QUANTITY	ACCESSORY USE
Standard	01	ROUND HOOK	Stainless steel	48X35X20mm	1PCS	Stainless steel 304,use for 80-150W.
	02	ROUND HOOK	Stainless steel	54X45X24mm	1PCS	Stainless steel 304,use for 200-240W.
	03	R320 CARABINER	Galvanized steel	248x42x104mm	1PCS	Used for the absorption of Ceiling Mounted.
	04	R380 CARABINER	Galvanized steel	285x105x42mm	1PCS	Used for the absorption of Ceiling Mounted.
Optional	05	CHAIN	Stainless steel	1M/2M/5M	1PCS	Used for the absorption of suspending.
	06	WITH REFLECTOR	Aluminum alloy	Ø400X280mm	1PCS	Used for the absorption of suspending.
	07	CARABINER	Stainless steel	60X29X6mm	1PCS	Used for the absorption of suspending.

ACCESSORIES



SENSOR ACCESSORIES					
Accessories	IMAGE	DESIGNTION	MAX VOLTAGE	QUANTITY	ACCESSORY USE
OPTIONAL	08	CONNECTING LINE	120-277V	1PC	UL THREE CORE CABLE
	09	BULGIN	120-277V	1PC	WATERPROOFING GRADE IP67
	10	PLUG	120-277V	1PC	TRIGEMINAL JOINT
	11	MICROWAVE APPARATUS	120-277V	1PC	MOTION SENSOR IP 65 WITH JUNCTION BOX
	12	EMERGENCY KIT	120-277V	1PC	EMERGENCY DURATION(H) >3

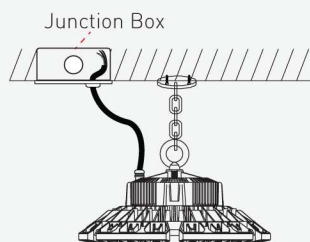
INSTALLATION



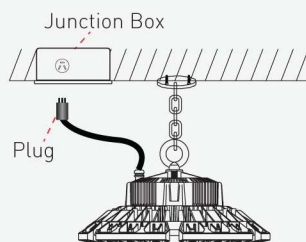
Suspending

1. Secure steel aircraft cables to the ceiling.
2. Secure the cable gripper to the mounting clips.
3. Connect and secure the steel aircraft cable to the gripper and adjust length accordingly.

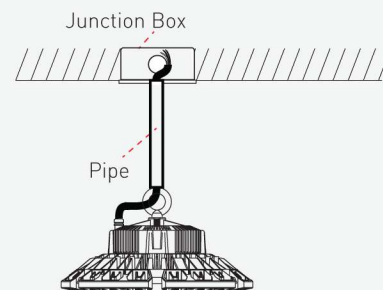
■ Suspending (Wiring to junction box).



■ Suspending (Wiring with NEMA plug)

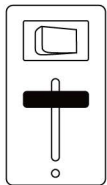


■ Pipe installation





DIMMABLE



1-10V Dimmer

Brightness changed



MOTION SENSOR

1.Motion-sensor Data

Option 1: 3 steps dim Lighting 100%-20%-0

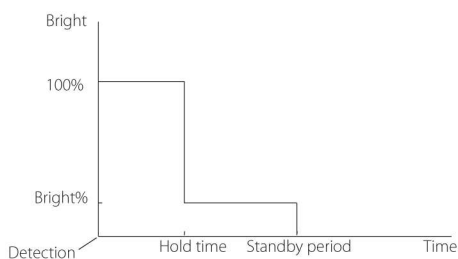
Microwave frequency:	5.8GHz+/-75MHz
Detection Distance:	10m Max.
Mounting height:	2.5-10m
Detection area:	R(10)m,H(3m)
Detection angle:	150°
Daylight threshold:	NO
Sensitivity Settings:	NO
Hold time :	30s
Standby dimming level:	20%
3 steps dim Standby period:	1min

Option 2: 2 steps dim Lighting 100%-20%

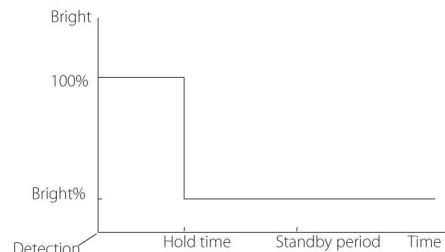
Microwave frequency :	5.8GHz+/-75MHz
Detection Distance :	10m Max
Mounting height :	2.5-10m
Detection area :	R(10)m,H(3m)
Detection angle :	150°
Daylight threshold :	NO
Sensitivity Settings:	NO
Hold time :	30s
Standby dimming level :	20%
2 steps dim Standby period :	All the time

2.The difference about bright with time on 3 steps and 2 steps

3.Steps



2.Steps



EMERGENCY



Parameter(Emergency Kits)

Lighting voltage	Lighting power	Emergency duration
DC 30-40V	8W	90min

SAFETY WARNING

FOR YOUR SAFETY, READ AND FOLLOW ALL INSTRUCTIONS TO PREVENT ELECTRIC SHOCK OR FIRE

- **INSTALLATION REQUIRES KNOWLEDGE OF LIGHTING LUMINAIRE ELECTRICAL SYSTEMS**
Contact qualified electrician prior to installation
- **DISCONNECT POWER BEFORE INSTALLATION**
- **DO NOT ALTER PRE**
- **CHECK FOR INCLOSED WIRING COMPONENTS PRIOR TO DRILLING**
Luminaire wiring, ballasts, power supplies or other electrical parts may be damaged.
- **USE ONLY ON COMPATIBLE LUMINAIRES**
Installation requires specific dimensions and construction features.
- **PROTECT WIRING FROM ABRASION**
Do not expose wiring to sharp objects or edges of sheet metal.

INSTALLATION INSTRUCTIONS

1. Disconnect Power to the circuit supplying power to the fixture
2. Removed the existing lamps and fixture
3. Disassemble new fixture to allow access to the LED Driver
4. Run existing power supply wires into fixture through knock out or end plug on fixture
5. Mount the fixture to surface, or hang fixture with appropriate fixture mounting hardware or install fixture in Tbar Ceiling
(Be sure to follow local building codes for the appropriate fixture installation methods.)
6. Connect power supply wires to supply wire disconnect to provide power to fixture
7. Re-assemble fixture
8. Re-connect power and check installation