

Product parameters

Model	Power	Net weight	CCT	Input current	Input voltage Frequency
UHXF-100-150W-MCTP-SR	100/120/150W	6.6 LBS	3500/4000/5000K	AW: Max 1.80A	AW:120-277VAC 50/60Hz
UHXF-150-240W-MCTP-SR	150/200/240W	8.6 LBS	3500/4000/5000K	AW: Max 2.70A	

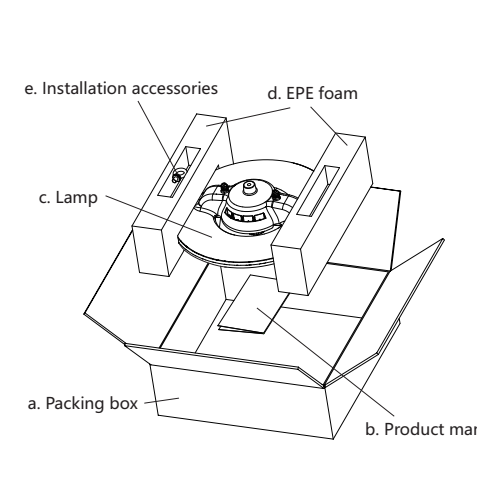
LEDs type: SMD	Application environment: -35 °C ~ + 55 °C.
Beam angle: 105°	Storage temperature: -35 °C ~ + 70 °C.
CRI: >80	Material: Aluminium alloy+PC lens
IP grade: IP65/IP69K	Surge protection: L-N 10KV , LN-PE 10KV
Corrosion-proof grade: W	THD: < 25%

Packing list

	Power	150W	240W
	Net weight	6.6 LBS	8.6 LBS
	Box dimension	17*17*6.5IN	19.5*19.5*6.5mm
	Pack Quantity	1ps	1ps
	Gross Weight	8.8 LBS	11 LBS

Identification	Quantity
a. Packing box	1pcs
b. Product manual	1pcs
c. Lamp	1pcs
d. EPE foam	2pcs
e. Installation accessories	1pcs

Standard product- AC input wire 158 inch
Standard product- Dimming wire 158 inch



Installation requirement

1. Disconnect power supply, and read product instructions carefully;
2. Ensure installation accessories and installation environment conform to bearing requirement;
3. Check whether the installation accessories are damaged or not, and install accessories to lamp reliably;
4. Different installation environment match corresponding installation accessories, do not use or change at will;
5. If the installation fittings has auxiliary parts such as skidproof screw, notice how it works, please do not ignore it;
6. If the light is installed in vibration environment, please add anti-falling safety rope to ensure reliability of installation;
7. Connect power supply wire reliably according to specified polarity; I-type lamp with grounding line shall be earthed reliably and the connection points must have insulation measures;
8. When the installation is completed, check whether all parts is reliable and can work properly.

! Notice

1. Please first read the product specification carefully, make sure the using environment conform to specification, then it can be used;
2. Please confirm the input voltage and frequency before use;
3. This product must be installed by professionals;
4. If there is any damage to the power wire or shell of the product, it shall be taken as defective product and do not use it;
5. Dangerous high voltage, non-professionals are not allowed to maintain the product;
6. If external soft cable or soft wire of the light is damaged, it shall be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger;
7. Corrosivity in the using environment can't exceed the specified anti-corrosion grade, if you have special requirement, please first consult with our company.
8. Without sensor, it is IP69K. With sensor, it is IP65.

Instruction Manual IP69K NSF UFO HIGH BAY

Features

1. Meet NSF design, can be used in food factory
2. IP69K protection design, suitable for more harsh environments that require dust and water resistance
3. Multifunctional and expandable interface, plug&play module, no need wiring, save labor costs.
4. High efficiency LED, multiple brightness levels optional.
5. UV-resistant PC material optics, IK08 impact resistance grade.
6. The LEDs are arranged symmetrically in a circle, so that heat source can be evenly distributed, have high efficient heat conduction.
7. Working temperature: -35 °C ~ + 55 °C.
8. Suitable for damp environment, slight corrosion-proof grade indoors.
9. Power tunable and CCT tunable.

Meets the NSF design requirements, the surface is smooth, convenient to wipe and clean. It is IP69K protection, can be washed with water, meet the requirements for food factories, and can also use in the places where require dust and water resistance. This series products have reserved sensor socket, can install the sensors in 3 seconds, plug and play, no need wiring, hugely save labor costs. You can easily get the function you need by insert the correspond sensors like Microwave, PIR sensor etc, customers can easily install and replace sensors themselves, very convenient and practical.

Application

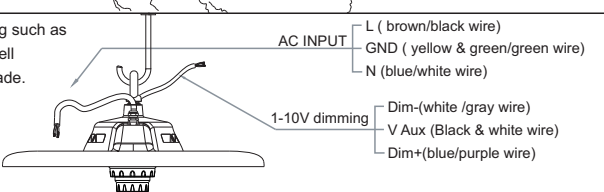
It is applicable to food factory and other application where need to be waterproof, dustproof. This lamp is also be applied for large workshop, warehouse, parking lot, airport, basement.

Installation

Suspendent ring installation

The lifting ring is applicable to pendant with opening such as hook on the ceiling, climbing button carabiner as well as pendant carrier on which an opening may be made.

1. Screw the lifting ring into the interface on light top before installation.
2. Tighten the auxiliary anti-falling screws at side of the interface.
3. Make the hook on the ceiling thread through the lifting ring and hang the light stably.
4. If the pendant has lock catch or anti-off device, they should be at effective state.



AC INPUT

- L (brown/black wire)
- GND (yellow & green/green wire)
- N (blue/white wire)

1-10V dimming

- Dim-(white /gray wire)
- V Aux (Black & white wire)
- Dim+(blue/purple wire)

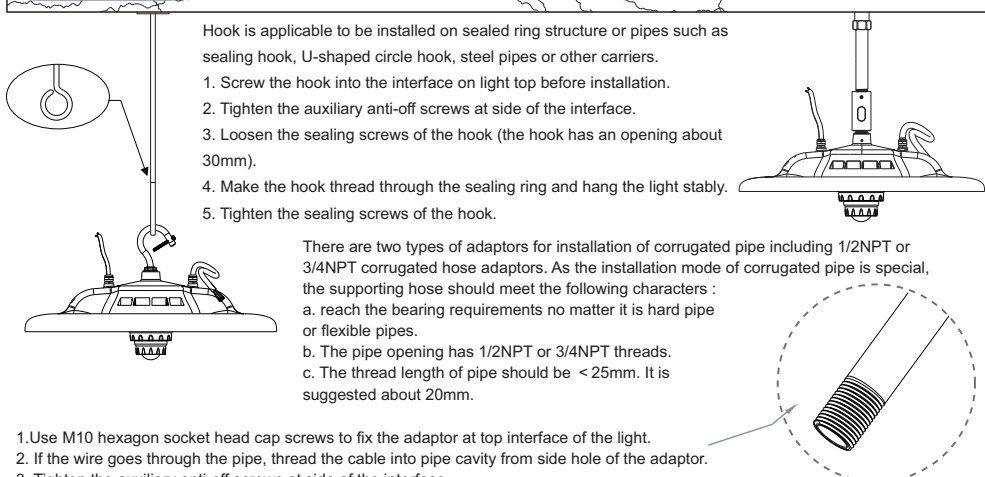
hook installation

Hook is applicable to be installed on sealed ring structure or pipes such as sealing hook, U-shaped circle hook, steel pipes or other carriers.

1. Screw the hook into the interface on light top before installation.
2. Tighten the auxiliary anti-off screws at side of the interface.
3. Loosen the sealing screws of the hook (the hook has an opening about 30mm).
4. Make the hook thread through the sealing ring and hang the light stably.
5. Tighten the sealing screws of the hook.

There are two types of adaptors for installation of corrugated pipe including 1/2NPT or 3/4NPT corrugated hose adaptors. As the installation mode of corrugated pipe is special, the supporting hose should meet the following characters :

- a. reach the bearing requirements no matter it is hard pipe or flexible pipes.
- b. The pipe opening has 1/2NPT or 3/4NPT threads.
- c. The thread length of pipe should be < 25mm. It is suggested about 20mm.

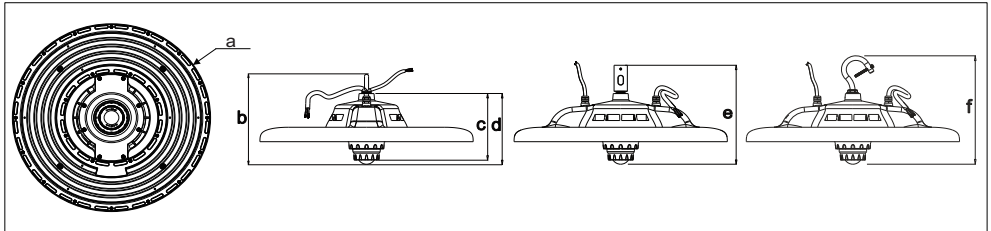


NPT Screwed pipe

1. Use M10 hexagon socket head cap screws to fix the adaptor at top interface of the light.
2. If the wire goes through the pipe, thread the cable into pipe cavity from side hole of the adaptor.
3. Tighten the auxiliary anti-off screws at side of the interface.
4. Perform spiral connection between the threaded pipes and adaptor.
5. Tighten the auxiliary anti-slide screws on the adaptor.

The power supply should be cut off during installation. If it is used in environment with vibration, the safety rope should be provided. In case of installation with lifting ring and hook, Can be extended by chain. Any installation mode should ensure that the carrier reaches effective bearing. The bearing capacity is four times or above of the total hung weight at least. The disconnection of power supply should be kept for 30 minutes at least for maintenance to prevent scalding by high heat.

Dimension(Unit:mm/inch)

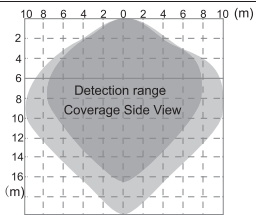
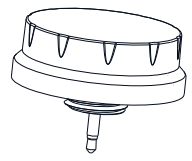


Identification	150W	240W
a.	348mm, 13.7"	421mm, 16.57"
b.	190mm, 7.48"	192mm, 7.56"
c.	98mm, 3.86"	100mm, 3.94"
d.	150mm, 5.90"	151.8mm, 5.98"
e.	203mm, 7.99"	204.8mm, 8.06"
f.	230mm, 9.05"	231.8mm, 9.13"

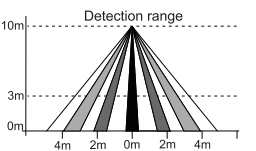
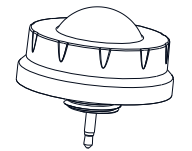
Motion-sensing Function

THE SENSOR CAN DETECT MOVING OBJECTS AND AMBIENT LIGHTING CONDITIONS. BASED ON AMBIENT LIGHTING CONDITIONS, THE SENSOR WILL TURN THE FIXTURE ON WHEN MOTION IS DETECTED.

Microwave motion sensor	
Operating voltage	12V
Microwave frequency	5.8GHz
Transmitting power	<1mW
Mounting height	12m Max.
Detection radius	4m
Detection speed	0.5~1.5m/s

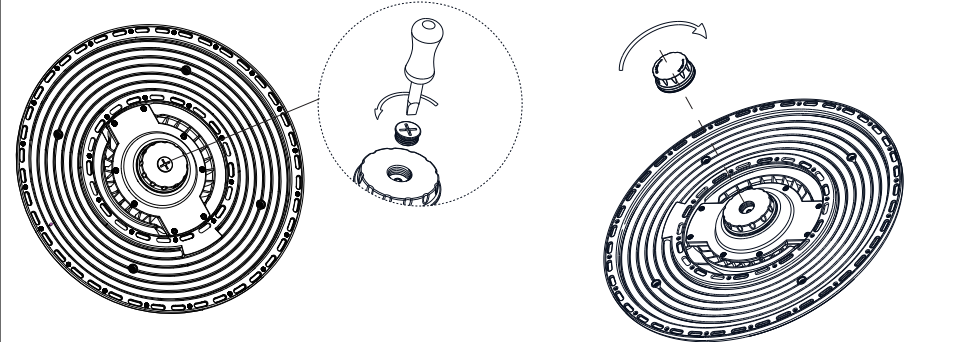



PIR motion sensor	
Operating voltage	12V
Mounting height	Max 12m
Detection radius	4m
Detection speed	0.5~1.5m/s

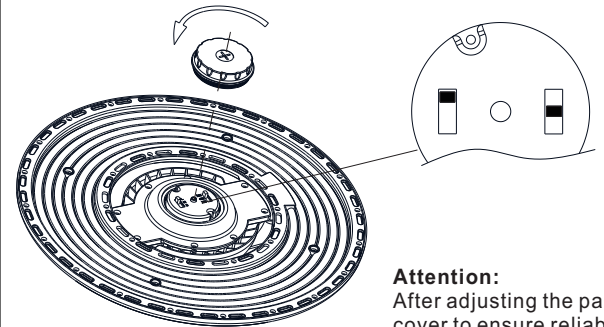
SENSOR INSTALLATION:

MICROWAVES CANNOT PASS THROUGH METAL OR BRICK WALLS IF THICKER THAN 20CM. THEY WILL PASS THROUGH THINNER WALLS BUT THERE WILL BE SOME ATTENUATION.



1. Unscrew the plug counterclockwise.
2. Tighten the sensor clockwise (make sure the sealing ring is present).

POWER AND CCT TUNABLE:



Power tunable:

- L : 100% (high wattage)
- M : (Middle wattage)
- S : (Small wattage)

CCT tunable:

- CW: 5000K
- NW: 4000K
- WW: 3500K

Attention:
After adjusting the parameters, don't forget to install the cover to ensure reliable waterproofing.