Birddog Lighting

UFO Series Highbay

Birddog Lighting • 1113 Jackrabbit Ln. Ste A • Belgrade, MT 59714 • www.birddoglighting.com • (406) 586-5970

Product Appearance

90° PC Lens

E503399

PREMIUM

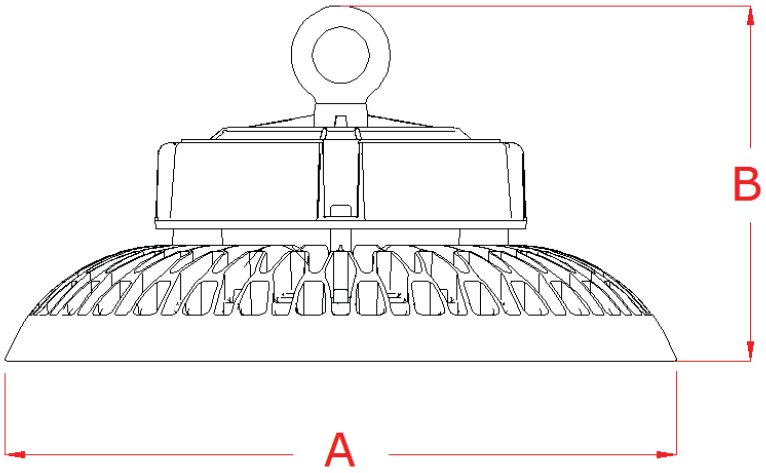
5 Years warranty

0-10V DIMMERS

Product Features

- Innovative & unique structure and design.
- Die-casting radiator with excellent heat dissipation, overall powder-coated and through 2000hrs' salt spray testing.
- With high transmittance of PC lens, PC cover and glass to take the different light distribution optional.
- Adopting 4mm toughened glass, no need external protective cover, high strength and high transmittance over 93%.
- Using the appropriative water-proof connector and silicone ring to seal, protecting level reaching IP65, suitable for different kinds of outdoor harsh working environment.

Product Dimension



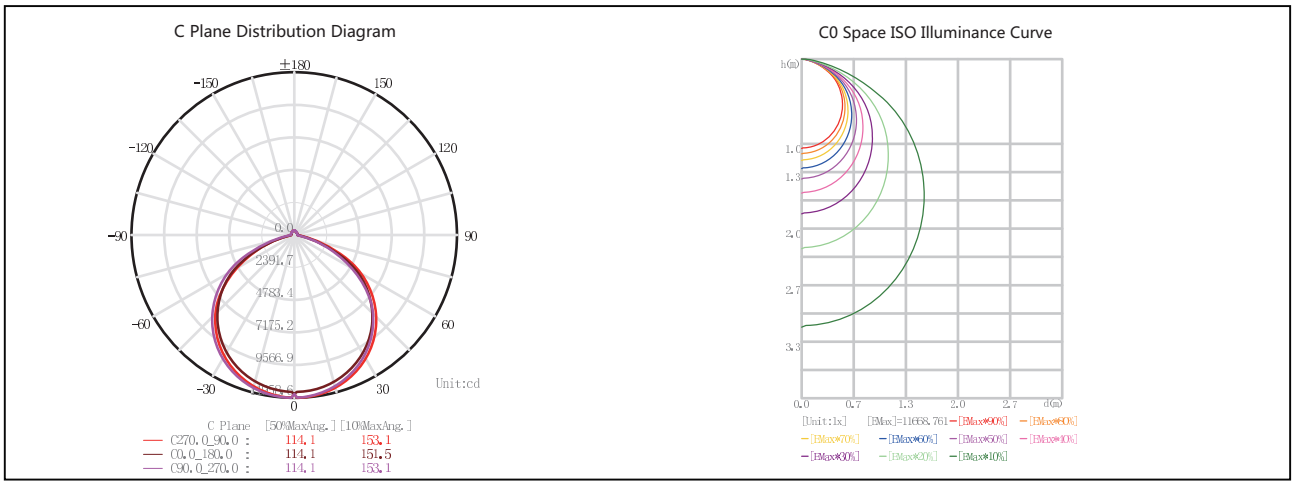
Part NO.	UHBG160-5KM
A (inch)(mm)	(13.39″)Φ340
B (inch)(mm)	(7.13″)181

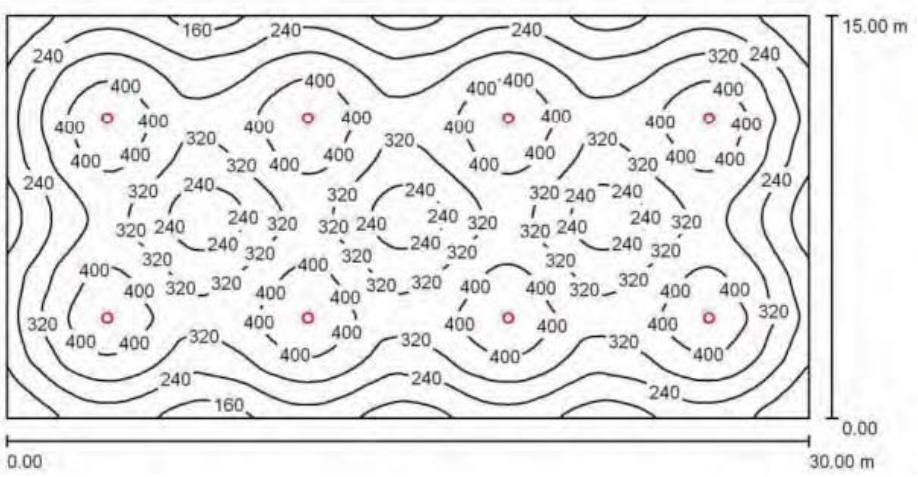
Specification

Part No.	Power	Input Voltage	IP Rating	Input Current	PF	Light Efficacy	CCT
UHBG160-5KM	160W	AC100-277V	IP 65	1.6A	>0.9	150lm/w	5000K

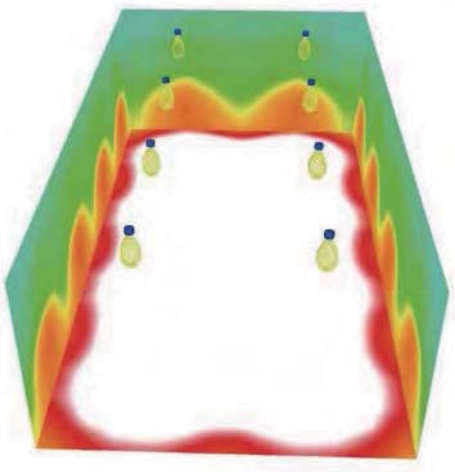
Testing Report

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM





Line graph



Thermal Imaging

Function of each cap

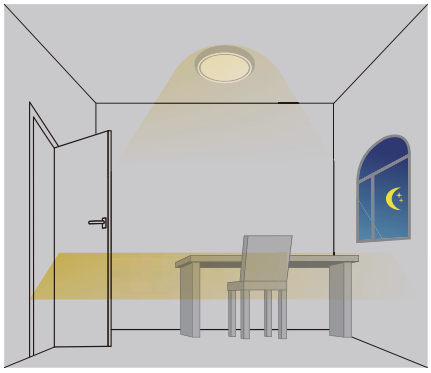
A: ◉ Normal water proof cap

1:Just waterproof

B: ◉ Photocell sensor cap

1:Preset a lux value to detect the ambient light level. (Before shipping from the factory, the lux value can be set in advance)

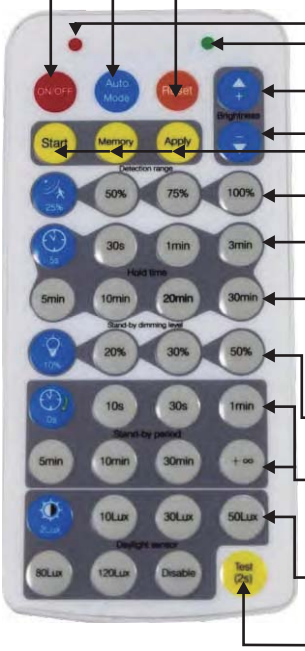
2:Preset lux value with a remote controller (Customer can set the lux value with a remotor)



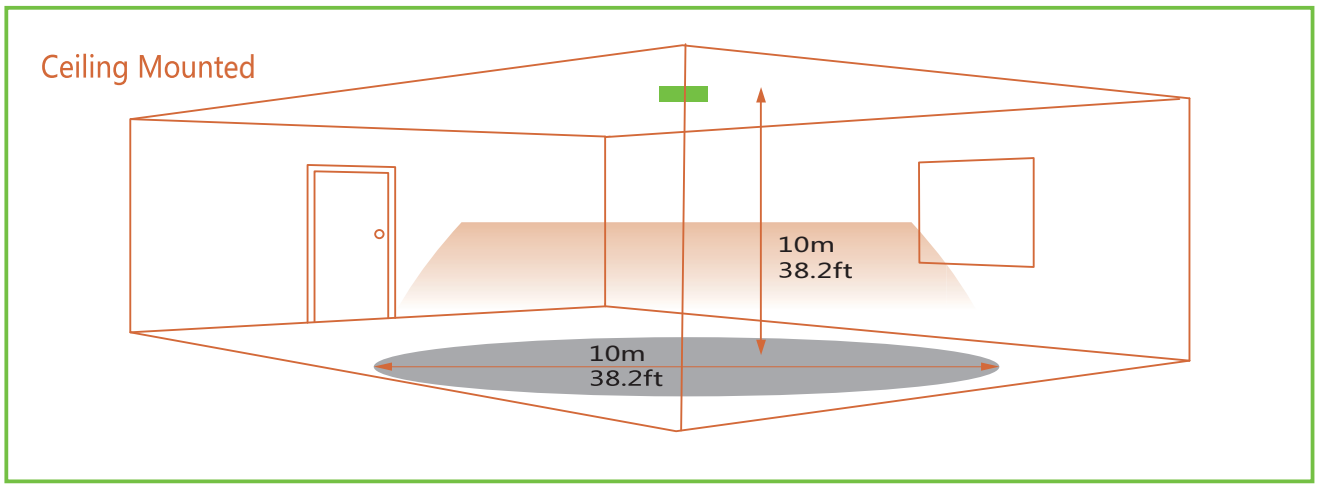
Lights on when ambient light level is lower than preset lux value.

Lights off when ambient light level is higher than preset lux value.

◉ Customer can set it according to actual needs with a remote.



Detection Patterns

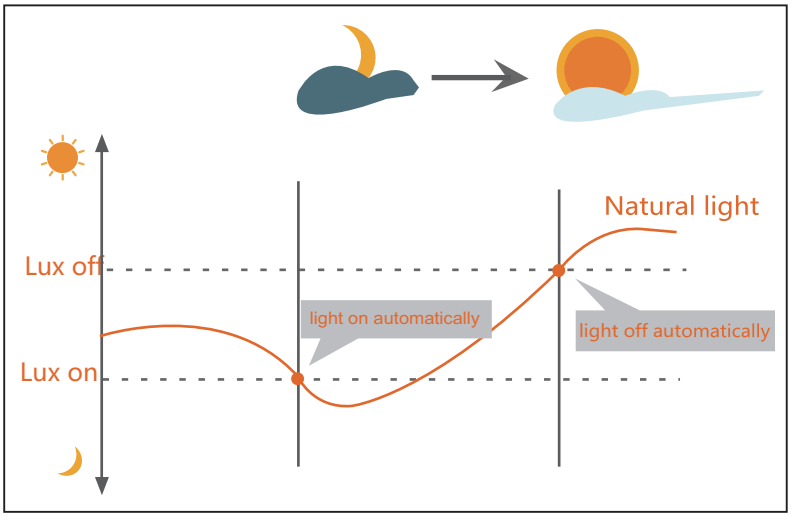


Technical data

Operating voltage	10-15VDC
Operating current	20mA±5%
Output	DIM0-10V
Stand-by power	<0.5W
Detection area	20%/50%/75%/100%
Hold time	2s/30s/2min//5min/15min/30min
Daylight threshold	5Lux/25Lux/50Lux/100Lux/300Lux//600Lux Disable
Stand-by period	10s/15min/30min/+∞
Stand-by dimming level	10%/20%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	Max.10m/38.2ft
Detection range	Max.10m/38.2ft
Operating temperature	-20℃~+60℃

Lux on/off

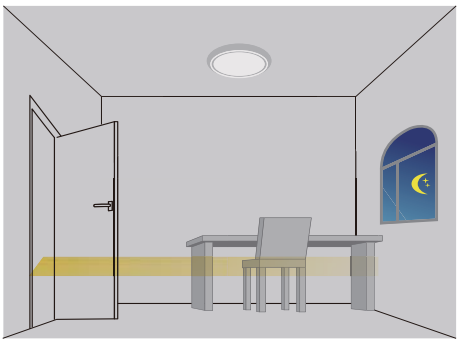
Adopted dual PD technology, it is able to differentiate artificial light brightness from natural light after installed inside the fixture,and automatically turn off light when ambient brightness exceeds preset lux level.



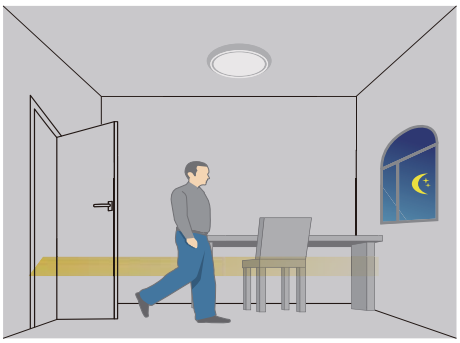
Preconditions to use the Lux-off function:

1. Standby period is +∞;
2. Standby dimming level is on 10%, or 50%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 100Lux.

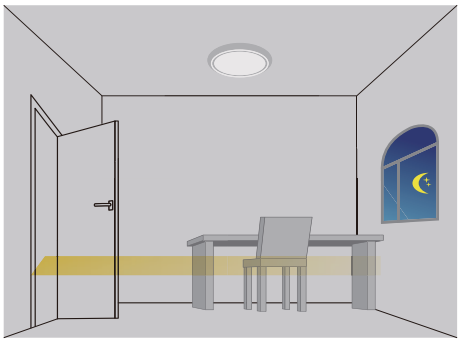
Application——Lux on/off



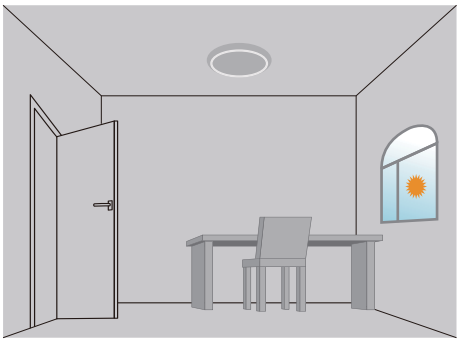
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.

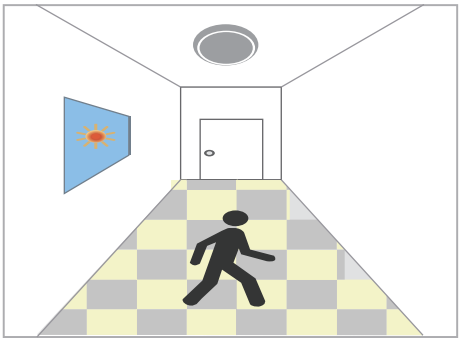


Light dims to standby level if no motion detected after holdtime.

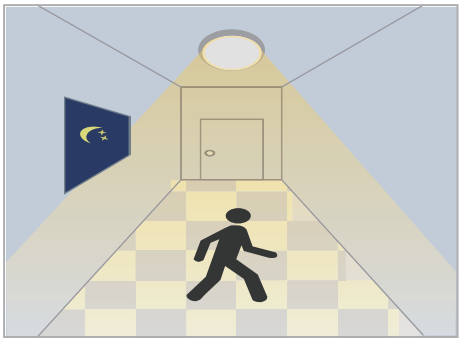


Light off when ambient lux level is higher than preset lux amount.

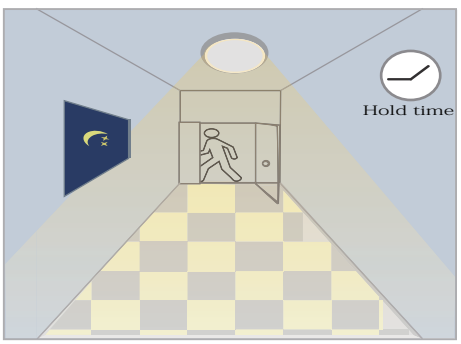
Application——Dimmable control/Corridor function



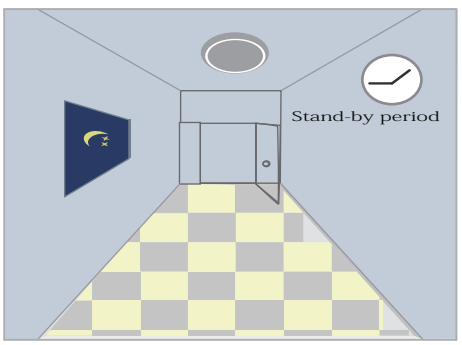
With sufficient daylight, even when motion detected, light remains OFF. After the stand-by period, light OFF.After last detection, the light will be



With insufficient daylight, when motion detected, light ON.

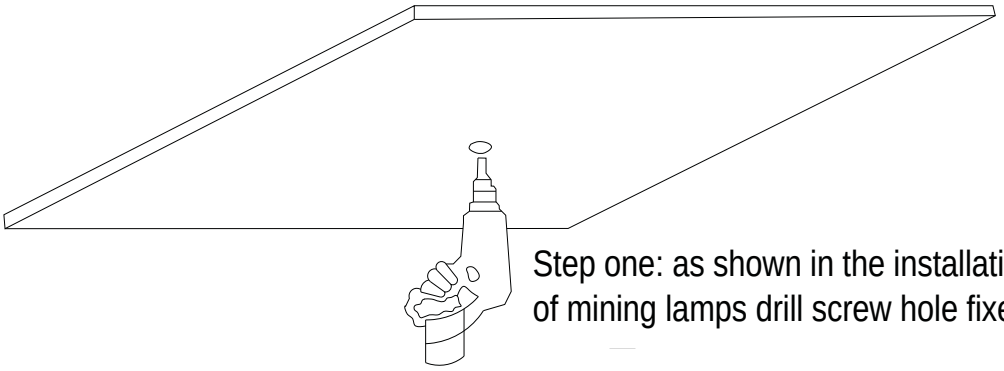


dimmed down to the stand-by dimming level(10%,20%,30% or 50%) after holdtime.

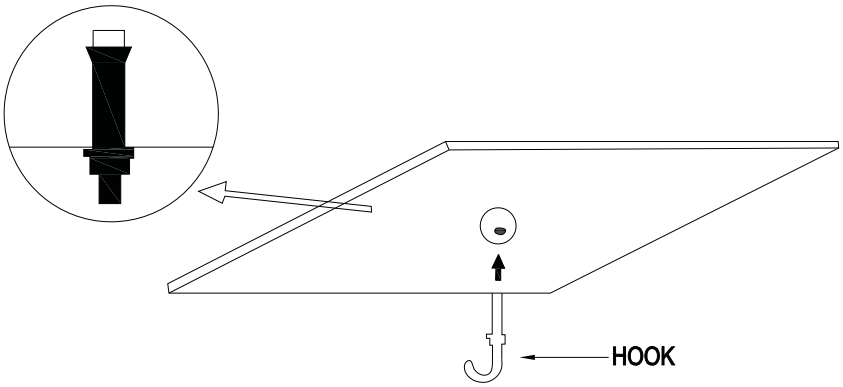


Light dims to standby level if no motion detected after holdtime.

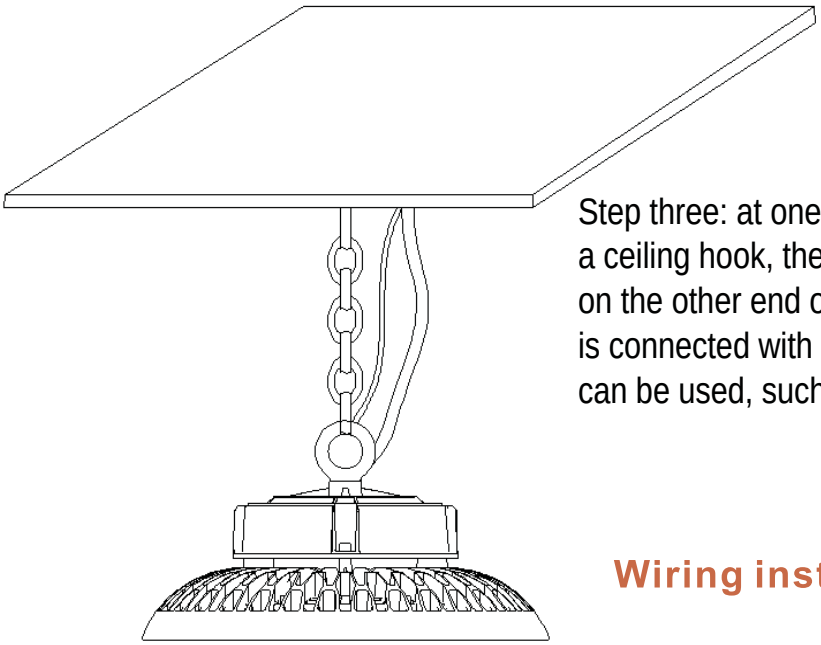
Installation



Step one: as shown in the installation position of mining lamps drill screw hole fixed the chain a good.

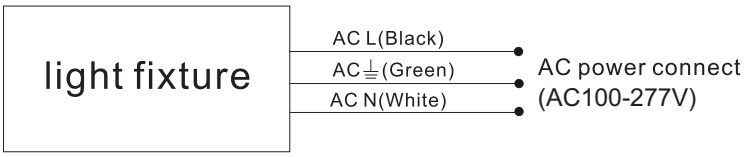


Step two: then in the drill hole position will hook is fixed at the drill hole position. (pictured above)



Step three: at one end of the chain placement in a ceiling hook, then the UFO lamp hook and chain on the other end of the hook and good, is connected with the commercial power can be used, such as above shown.

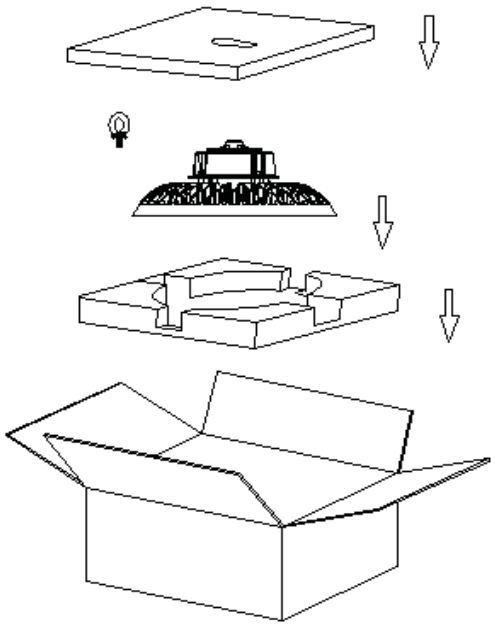
Wiring instruction



Packing /weight

Part NO.	Outer Carton Size (LxWxH)	Qty/Carton (pcs)	Net weight (kg)(lbs)	Gross weight (kg)(lbs)	20GP (QTY)	40HQ (QTY)
UHBG160-5KM	380*380*175mm	1PCS	3.3Kg 7.26 lbs	4.30Kg 9.46lbs	1071PCS	2535PCS

Packing



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Note

1.The installation and maintenance must be completed by electricians or professionals.

2.Please cut off the power before installation and maintenance.

3.The fixture is not allowed to be covered by thermally insulating material.

4. Please keep away from the corrosive substance,and keep the fixture dry and clean.

5. Working temperature:-4°F~104°F, storage temperature:-22°F~140°F.