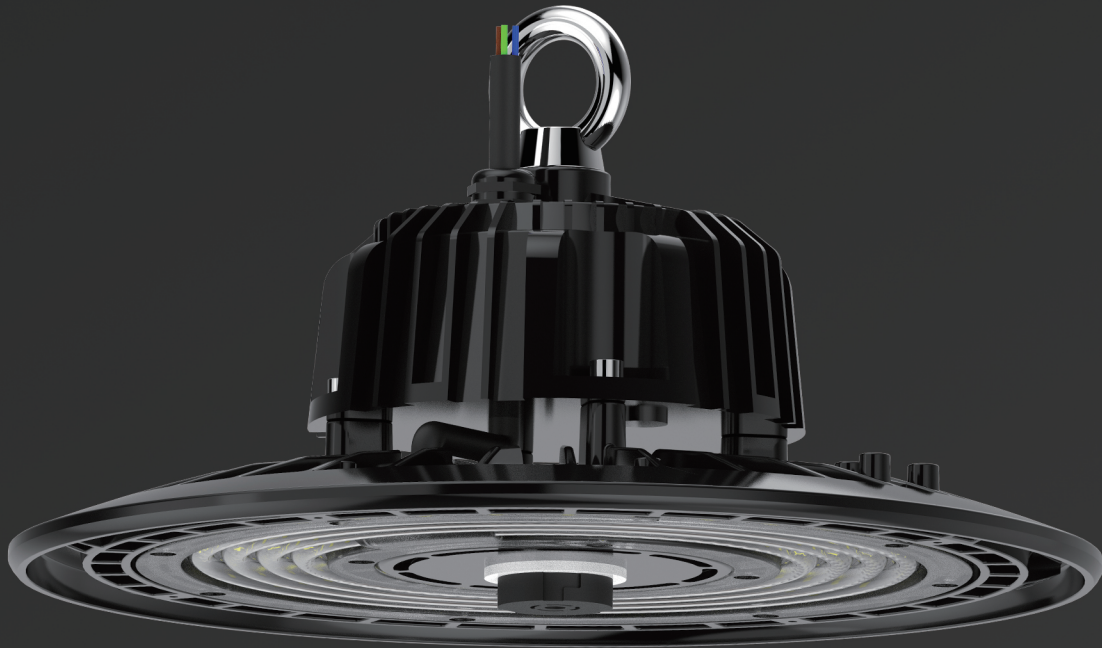




Quality, Honesty, Service and Innovation



EH -SERIES

LED HIGH BAY LIGHT

UP TO **180LM/W**

600W HPS/MH REPLACEMENT

● POWER: 100W/150W/200W

**EXPERTS WITH
PROFESSIONAL SOLUTION**

WWW.AOKLEDLIGHT.COM

SPECIFICATIONS

- **EH series** superior high output, high efficiency LED high bay light, featuring a unique optical design that virtually eliminates glare with minimal impact on performance. It is available in a variety of distributions for lighting applications such as factory, warehouses, workshops etc.
- Rugged, weather-tight design and 3G Vibration ratings ensure durability even in harsh environments.
- 63000 hours - L70, @25°C, 0-10V / PWM / Resistance dimming / Smart Sensor optional.

UP TO
180
lm/w



Zhaga Sensor Plug & Play



Bi-level Microwave Sensor



CRI 70/80/90	L90B10 >52000hrs	ULR =0	IP65 IK08	DIM
• 2700K • 3000K • 4000K • 5000K • 5700K • 6500K	Emergency Power Supply OPTIONAL	Working Temperature Environment -40°C~50°C (-40°F~+122°F)	Smart Sensor	THD <20%

ELECTRICAL

- 130lm/w or 180lm/w Optional;
- Three distributions to maximize performance: 130lm/w: 60°, 90°, 120° ; 180lm/w: 120° ;
- -40°C~50°C operating temp range;
- 0-10V / PWM / Resistance dimming optional, 100-277V operation 50/60HZ standard
- 2700K, 3000K, 4000K, 5000K, 5700K, 6500K CCT;
- Minimum CRI of 70, 80 and 90 optional.

UNIFIED GLARE RATING

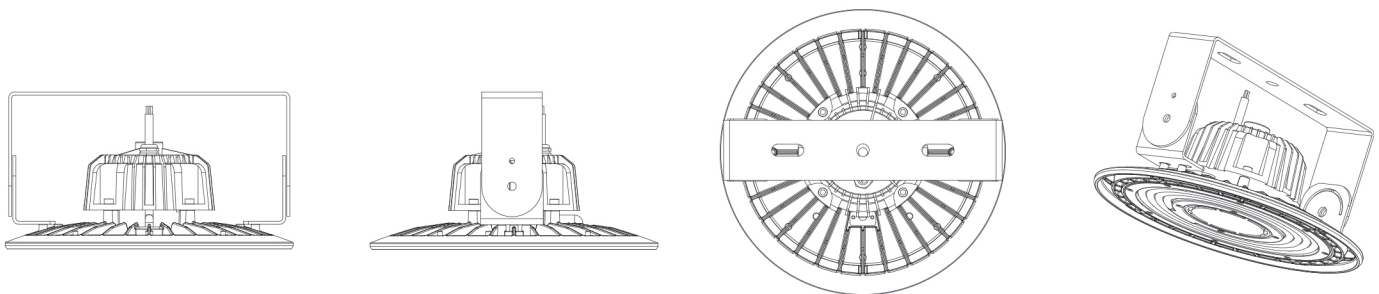
- Glare has always been a concern with LED products and it has got increasingly more attention with higher output fixtures. The standard low glare shield block lights outside of the main beam, so from other viewing angles the fixture virtually disappears. The low glare shields are also designed to have minimum impact on the total light output.

TECHNICAL SPECIFICATIONS

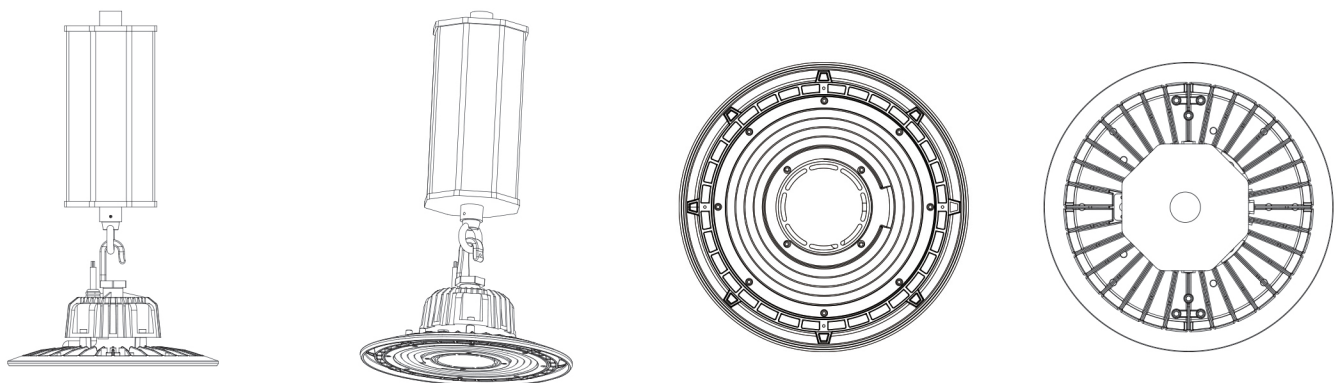
MODEL	WATTS	REPLACE MHL	IP&iK	DISTRIBUTION TYPE	FIXTURE DIMENSION	NW	MAXIMUM CURRENT	VOLTAGE
AOK-100WeH	100W	200W-300W	IP65&IK08	130lm/w: 60°, 90°, 120° 180lm/w: 120°	Φ11.2*6.0' Φ285*152.6mm	1.92kg 4.2lbs	1.1A	100-277V
AOK-150WeH	150W	300W-400W	IP65&IK08	130lm/w: 60°, 90°, 120° 180lm/w: 120°	Φ13.5*6.0' Φ345*154.2mm	3.1kg 6.8lbs	2.2A	100-277V
AOK-200WeH	200W	400W-600W	IP65&IK08	130lm/w: 60°, 90°, 120° 180lm/w: 120°	Φ15.7*6.1' Φ398.2*155mm	4.6kg 10.1lbs	2.2A	100-277V

PRODUCT APPEARANCE

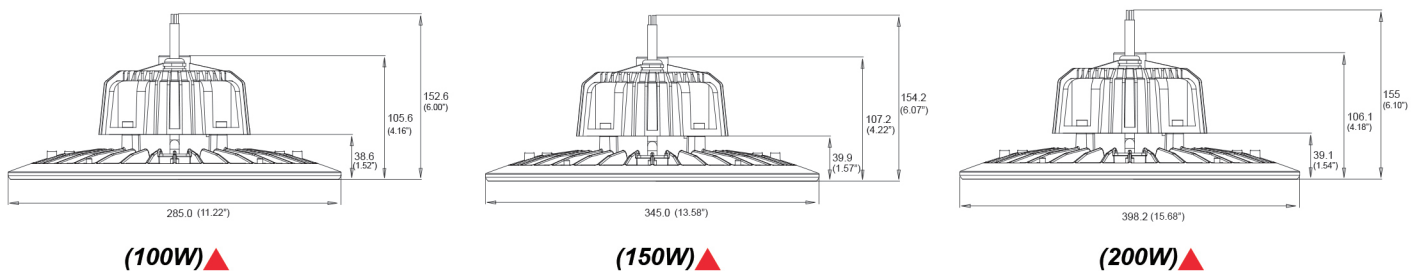
APPEARANCE DIAGRAM WITH U-SHAPED BRACKET



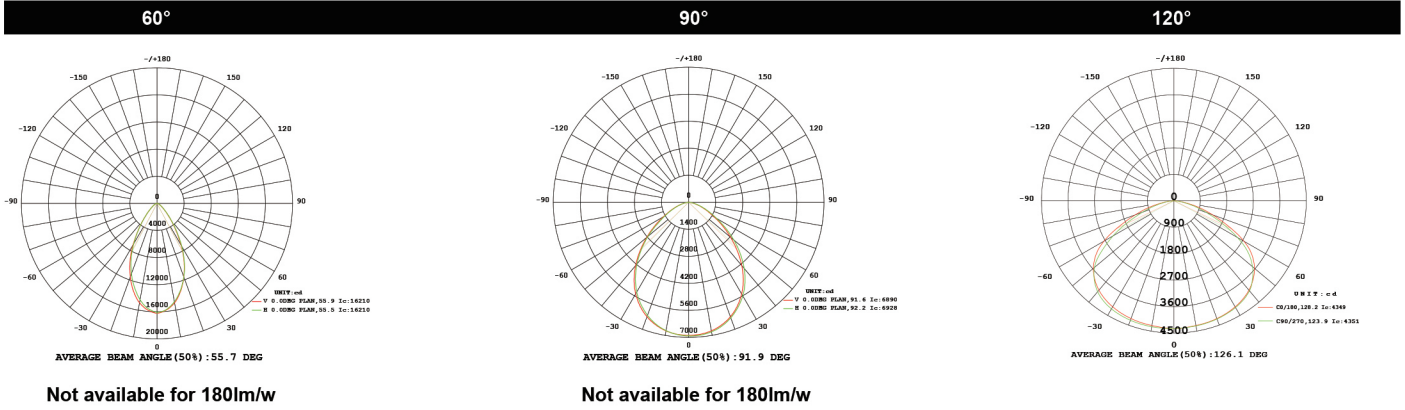
APPEARANCE DIAGRAM WITH EMERGENCY POWER SUPPLY



DIMENSION



PHOTOMETRY



ORDERING INFORMATION

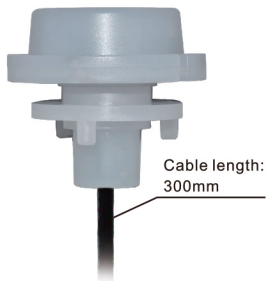
AOK	WATTS	VOLTAGE	LED CHIPS	TYPE OF SENSOR	CCT&CRI	DISTRIBUTION	MOUNT	OPTION	HOUSING
100WeH 150WeH 200WeH	NV=100-277V	/	00=Without Sensor Z=Zhaga Sensor A=Ant-5-4 Sensor DV=Dimmable	2700=2700K 70CRI 3070=3000K 70CRI 4070=4000K 70CRI 5070=5000K 70CRI 5770=5700K 70CRI 6500=6500K 70CRI 2700=2700K 80CRI 3080=3000K 80CRI 4080=4000K 80CRI 5080=5000K 80CRI 5780=5700K 80CRI 6500=6500K 80CRI	60D=160DEG 90D=90DEG 120D=120DEG	York Mount	Emergency Power Supply	BK=Black	

APPLICATION



ANT-5-4 BI-LEVEL MICROWAVE SENSOR FOR HIGH BAY LIGHT

- Hold offset point with automatic calibration option for convenience and added energy savings. Fully adjustable high and low dimmed light levels; optional dusk to dawn control.
- IP65 rated for wet locations. Multiple mounting options for easy installation.



Cable length: 300mm

ANT-5-4



(sensor)

ANT-5-4T

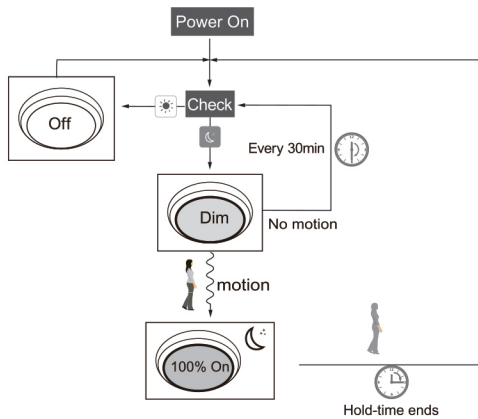


(connecting base)

ANT-5-4B



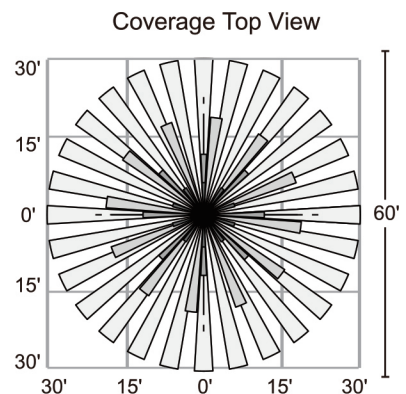
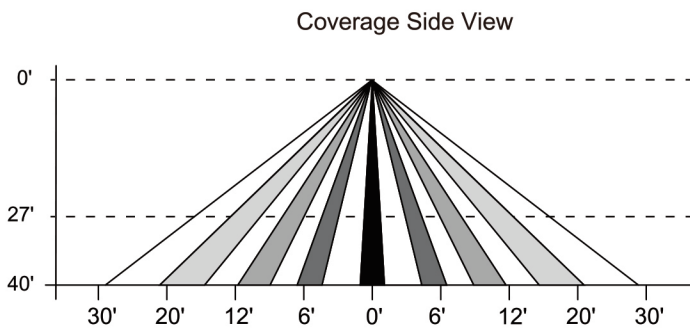
RC-100



Difference between Corridor Function and Smart Photocell Function.

1. In corridor function, the daylight sensor as threshold to assist motion sensor, in Photocell function, the daylight sensor works independently to motion sensor.
2. Turn On light by detect motion when natural light is insufficient for corridor function, turn on light by natural light level exceeds set point on to light, do need to detect motion, for smart photocell function.
3. Turn off light by stand-by time for corridor function, Turn off light by natural light level lower than set point off of light for smart, photocell function.

COVERAGE



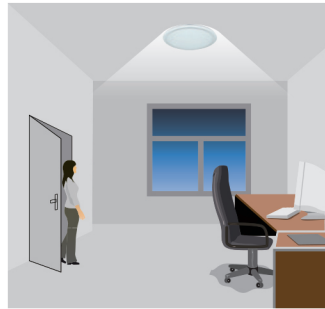
CORRIDOR FUNCTION

• This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100 %--> dimmed light (natural light is insufficient)--off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.

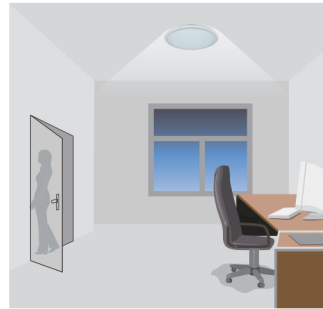
• **NOTE: IF YOU CHOOSE STAND-BY DIM IS 0, THE STAND-BY PERIOD IS 0, IT IS ON/OFF FUNCTION.**



With sufficient natural light, the light does not switch on when presence is detected.



With insufficient natural light, the sensor switches on the light automatically when presence is detected.



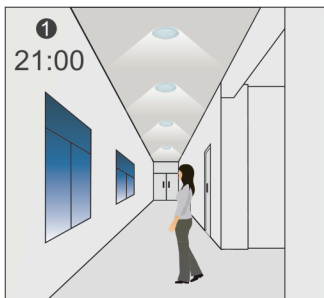
After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.



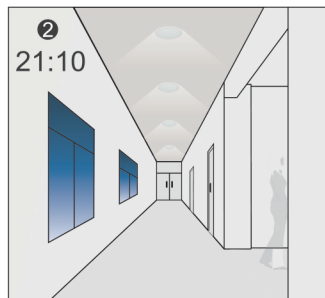
Light switches off automatically after the stand-by period elapses.

SMART PHOTOCELL FUNCTION

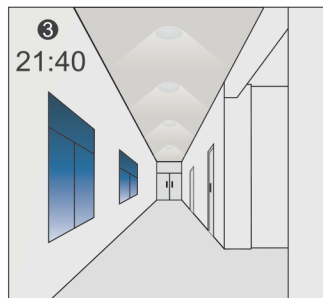
• **OPEN THE SMART PHOTOCELL SENSOR BY PUSH  WHEN REMOTE CONTROL IS IN SETTING CONDITION.**



The light switches on at 100% when there is movement detected.

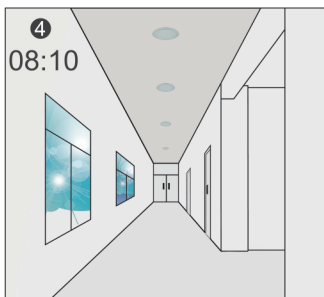


The light dims to stand-by level after the hold-time.



The light remains in dimming level at night,

1 ↔ **3** goes in cycle at night ...
100% on when movement detected, and dims to 10% in long absence.



When the natural light level exceeds set point off to light, the light will turn off even if when the space is occupied.



The light automatically turns on at 10% when natural light is insufficient (no motion).

- **Settings on this demonstration:**
- **Hold- -time: 10min**
- **Set point on: 50lux**
- **Set point off: 300lux**
- **Stand-by Dim: 10%**
- **Stand-by period: + ∞**
- **(when the smart photocell sensor open, the stand-by time is only + ∞)**