

Remote Controller Settings

Button	Function	Description																														
	ON/OFF	Press the "ON/OFF" button to enable/ disable the sensor. Press "Reset" or "Auto Mode" to quit from this mode.																														
	Reset	Press "Reset" button to restore factory default settings.																														
	Auto Mode	Intelligent mode where the fixture detects its surroundings and automatically adjusts its settings.																														
	Test pattern	The button "Test(2s)" is for factory testing purpose only. The sensor will go to test mode. Detection sensitivity: 100% Hold time: 2s Stand-by period: 0s Daylight sensor: Disable You may quit Test mode by pressing any button.																														
<div>Sc1Sc2Sc3Sc4</div>		<table><tr><th>Scene Mode</th><th>Detection Area</th><th>Hold Time</th><th>Daylight Sensor</th><th>Stand-by Period</th><th>Stand-by Dimming level</th></tr><tr><td>Sc1</td><td>100%</td><td>30S</td><td>2Lux</td><td>1min</td><td>10</td></tr><tr><td>Sc2</td><td>100%</td><td>5min</td><td>10Lux</td><td>10min</td><td>10</td></tr><tr><td>Sc3</td><td>100%</td><td>10min</td><td>50Lux</td><td>30min</td><td>10</td></tr><tr><td>Sc4</td><td>100%</td><td>30min</td><td>Disable</td><td>+ ∞</td><td>10</td></tr></table>	Scene Mode	Detection Area	Hold Time	Daylight Sensor	Stand-by Period	Stand-by Dimming level	Sc1	100%	30S	2Lux	1min	10	Sc2	100%	5min	10Lux	10min	10	Sc3	100%	10min	50Lux	30min	10	Sc4	100%	30min	Disable	+ ∞	10
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	Detection area (sensitivity)	Adjust this to change sensor's sensitivity and to detect motion.																														
	Hold time	Hold time refers to the time the lamp remains illuminated after the subject is cleared away from the sensor.																														
	Stand-by dimming level	After hold time, the lamp returns back to a faint light instead of switching off. Default is 100% of faint light, which is the stand-by dimming level.																														
	Stand-by period	The time the lamp keeps on stand-by dimming level.																														
	Brightness	Set threshold value, when ambient light is lower than threshold value the sensor will be automatically triggered.																														

ON/OFF

Auto Mode

Reset

Sc1

Sc2

Sc3

Sc4

Detection range

50%

75%

100%

10s

30s

1min

3min

Hold time

5min

10min

15min

30min

Stand-by dimming level

10%

20%

30%

50%

0s

10s

30s

1min

Stand-by period

5min

10min

30min

+ ∞

2Lux

10Lux

30Lux

50Lux

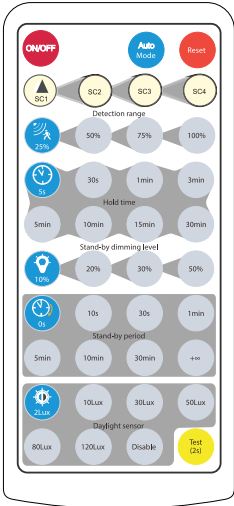
Daylight sensor

80Lux

120Lux

Disable

Test (2s)



Remote Controller Setting

All application parameters of the sensor listed above can be set and alternated using remote controller.

Motion Sensing Function

The sensor can detect brightness of ambient light and moving objects. The sensor can switch the light on when it detects motion when there isn't sufficient ambient light.

- 1.When brightness of ambient light > 50Lux, the sensor won't switch on the lamp even if motion is detected.
- 2.When brightness of ambient light < 50Lux, the sensor will switch on the lamp when motion is detected.
- 3.Once the sensor detection range is clear, brightness of the lamp will decrease to 30% after 5 minutes.
- 4.If no motion is detected by the sensor, it will switch off the lamp after 30 minutes.

* The above examples are factory default setting parameters, (AL-HB100C/50, AL-HB150C/50, AL-HB200C/50) Purchase remote controller separately to change parameters as you like.



This product supplied with a limited 5 year guarantee, subject to terms and conditions. The manufacturer will not be deemed liable or held responsible for any damages caused by faults or manufacturing defects that may be present in any of its products or the misuse or incorrect installation of this device Your statutory rights are not affected.

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INSTALLATION GUIDE
ULTI-BAY High Performance LED High Bay Range



ENSURE POWER SUPPLY IS OFF WHEN HANDLING ANY ELECTRICAL EQUIPMENT.

Safety & Warnings

Do not touch bare contacts at Microwave Sensor location as there is a risk of electrocution

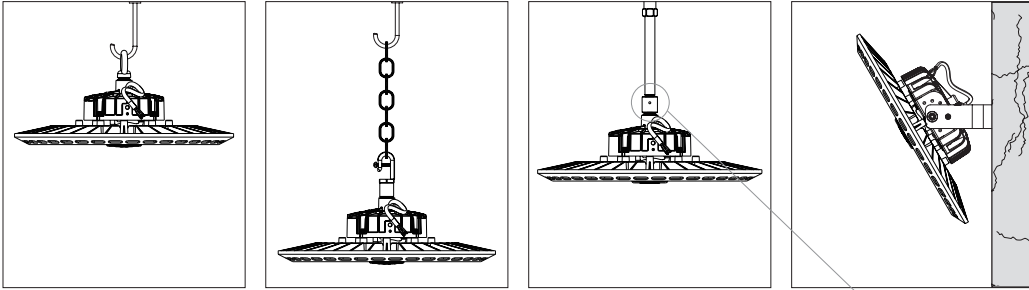
- Read and Understand the detailed Installation Instructions before installing the High bay.
- Do not use where directly exposed to water or weather. Non-submergible (not water tight).
- Disable all Power to the Fixture before Inspection, Installation, or Removal. Failure to do so will create a Hazardous and Fatal Working Environment.
- If Changing Optics, Ensure Product has Been Powered Off for At Least 24 Hours.
- Do Not Open – No User Serviceable Parts inside.

Technical Specifications

Product Code	AL-HB100C/50K	AL-HB150C/50K	AL-HB200C/50K
Power	100W	150W	200W
Net Weight	6.17lbs	8.48lbs	9.26lbs
Input Voltage	120-277V AC	120-277V AC	120-277V AC
LED Type	SMD	SMD	SMD
CRI	>80	>80	>80
Ingress Protection	IP65	IP65	IP65
Warranty	5 Years	5 Years	5 Years
Operating Temp	-31~113°F	-31~113°F	-31~113°F



Instructions

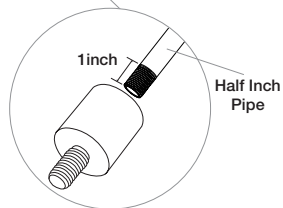


AC INPUT

L (Black Wire)
N (White Wire)
GND (Green Wire)

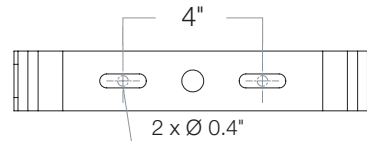
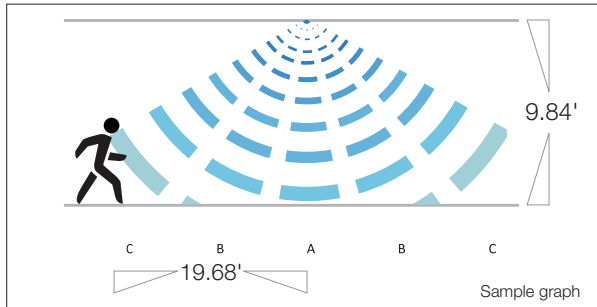
1-10V Dimming

Dim- (Purple Wire)
Dim+ (Gray Wire)



Thread depth of Pipe 1inch,
Use M10 Anchor bolts for install

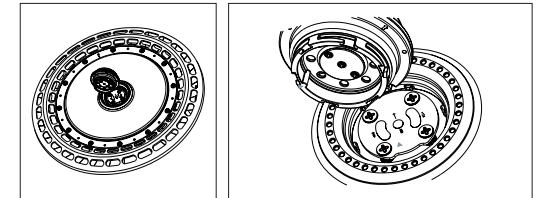
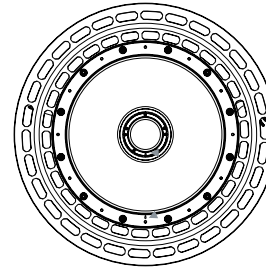
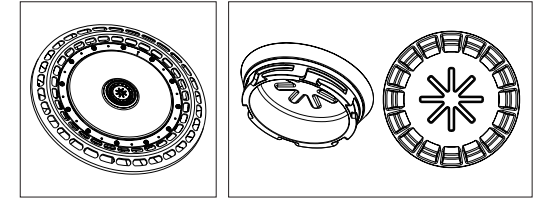
Technical parameter of sensor



Working voltage	DC12V
Microwave Frequency	5.8GHz ISM frequency band
Microwave Power	<0.3mW
Detection Angle	120°
Detection Range	Max.(D x H): 39.37' x 49.21'
Detection Speed	1.64~9.84f/s

Installation of Sensor

1. Cut off the Power Supply
2. Open the middle water proof cover
3. Align the sensor with interface and rotate 30° clockwise to finish the installation



Do not touch bare contacts at microwave sensor location as there is a risk of electrocution.

* Microwaves cannot pass through metal or brick walls if thicker than 7.87".

Dimensions

