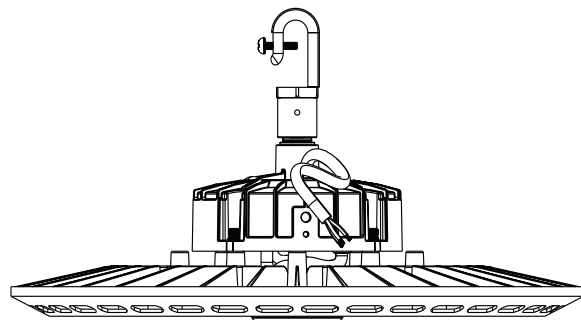




INSTALLATION INSTRUCTIONS BAY E-Series



SAFETY PRECAUTIONS:

- DISCONNECT POWER SUPPLY, AND READ PRODUCT INSTRUCTIONS CAREFULLY.
- ENSURE INSTALLATION ACCESSORIES AND INSTALLATION ENVIRONMENT CONFORM TO BEARING REQUIREMENT.
- CHECK THE ACCESSORIES FOR DAMAGE BEFORE INSTALLING.
- IF THE INSTALLATION FITTINGS HAS AUXILIARY PARTS SUCH AS SKIDPROOF SCREW, NOTICE HOW IT WORKS, PLEASE DO NOT IGNORE IT;
- IF THE LIGHT IS INSTALLED IN VIBRATION ENVIRONMENT, PLEASE ADD ANTI-FALLING SAFETY ROPE TO ENSURE RELIABILITY OF INSTALLATION;
- 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;
- WHEN THE INSTALLATION IS COMPLETED, CHECK WHETHER ALL PARTS IS RELIABLE AND CAN WORK PROPERLY.
- Please first read the product specification carefully, make sure the using environment conform to specification, then it can be used;
- Please confirm the input voltage and frequency before use;
- This product must be installed by professionals;
- 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;
- Dangerous high voltage, non-professionals are not allowed to maintain the product;
- 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;
- Corrosivity in the using environment can't exceed the specified anti-corrosion grade, if you have special requirement, please first consult with our company

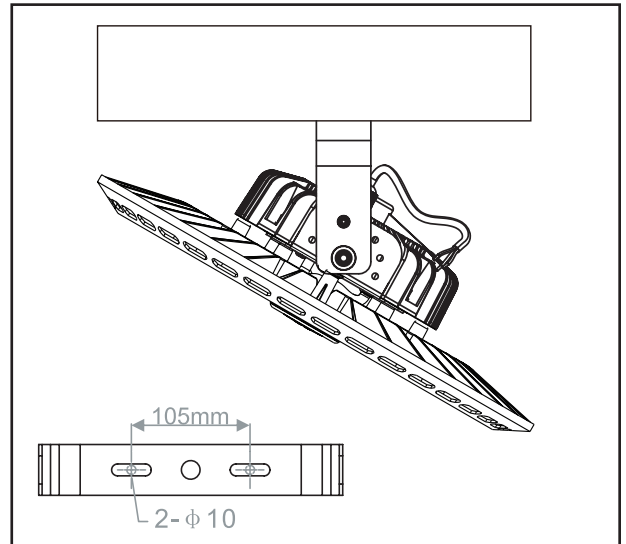
WIRING:

AC Input		1-10V	
L	Brown/Black	DIM +	Blue/Purple
L1	Red/Yellow (Emergency)	DIM -	White/Grey
N	Blue/White		
GND	Yellow/Green		

SURFACE MOUNT BRACKET INSTALLATION:

ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!

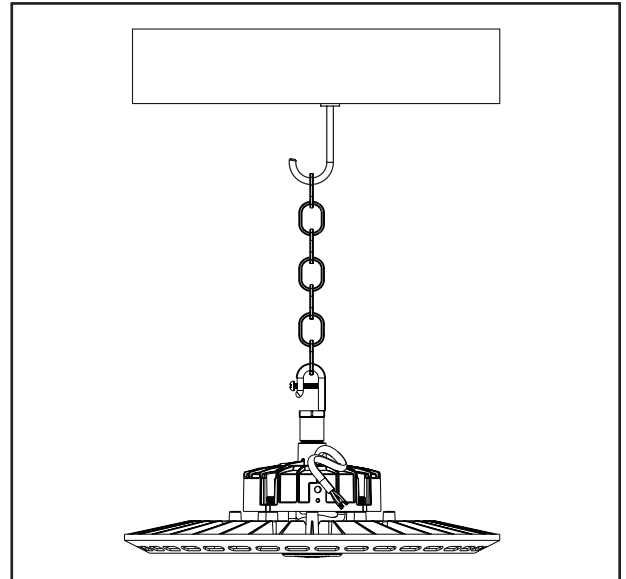
1. PREPARE 2 Φ 10MM EXPANSION SCREW AND ENSURE THEIR MATERIAL AND INSTALLATION POSITION CONFORM TO BEARING REQUIREMENT, THEN DRILL TWO HOLES WITH ≤ 10 MM IN ADVANCE.
2. INSERT EXPANSION SCREWS INTO HOLES AND MAKE HOLES IN THE BRACKET CORRESPONDING TO HEAD OF EXPANSION SCREWS, THEN TIGHTEN EXPANSION SCREWS UP.
3. DISMANTLE SMALL AUXILIARY SCREWS ON BOTH SIDES, SLIGHTLY LOOSE FIXING SCREWS OF BRACKET AND ROTATE LAMP BODY TO SUITABLE INSTALLATION ANGLE.
4. INSTALL SMALL AUXILIARY SCREWS OF THE BRACKET BACK, FINALLY TIGHTEN UP ALL MAIN SCREWS AND AUXILIARY SCREWS.



HOOK INSTALLATION:

ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!

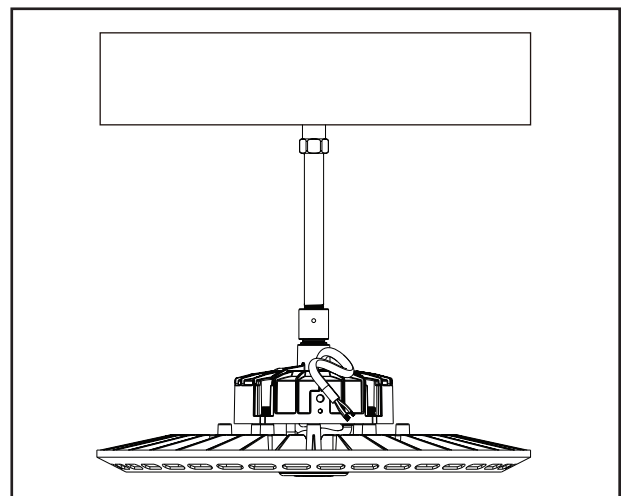
1. PLEASE PREPARE 1 CEILING HOOK AND MATCHED INSTALLATION SCREWS AND INSTALL THEM INTO INSTALLATION CARRIER REACHING BEARING REQUIREMENT.
2. SCREW HOOK OF THE LAMP INTO SCREW CONNECTION ON THE TOP OF THE LAMP BODY AND BE CAREFUL NOT TO OMIT THE AUXILIARY SKIDPROOF GASKET. IF THERE IS AUXILIARY SKIDPROOF SCREW NEAR THE SCREW CONNECTION, PLEASE TIGHTEN UP IT AND THE SKIDPROOF GASKET ON ADAPTER AFTER INSTALLING THE SUSPENDED RING.
3. UNSCREW THE ANTI-OFF SCREWS IN THE OPENING OF HOOK, AND HOOK THE LAMP BODY ON THE CEILING HOOK.
4. PREPARE ONE IRON CHAIN AS EXTENSION CARRIER, THEN TIGHTEN ANTI-OFF SCREWS UP IN THE OPENING OF HOOK.



1/2" PIPE INSTALLATION:

ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!

1. PIPE INSTALLATION IS ONLY SUITABLE FOR SPECIFIC INSTALLATION ENVIRONMENT, AS WE ONLY PROVIDE M20 ADAPTER, THUS MATCHED PIPE END SHALL CONFORM TO BELOW REQUIREMENTS.
2. ENSURE PIPE CAN REACH WEIGHT BEARING REQUIREMENTS; PIPE MUST HAS M20 SCREW CONNECTION;
3. THREAD DEPTH OF PIPE < 25 MM, RECOMMEND 20MM.
4. PIPE INSTALLATION CAN ALSO MATCH WITH CENTER-OUTLET POWER SUPPLY TO REALIZE CONCEALED INSTALLATION WHICH THREADS WIRE FROM THE PIPE. IF THIS REQUIREMENT IS NEEDED, PLEASE CONSULT FIRST.

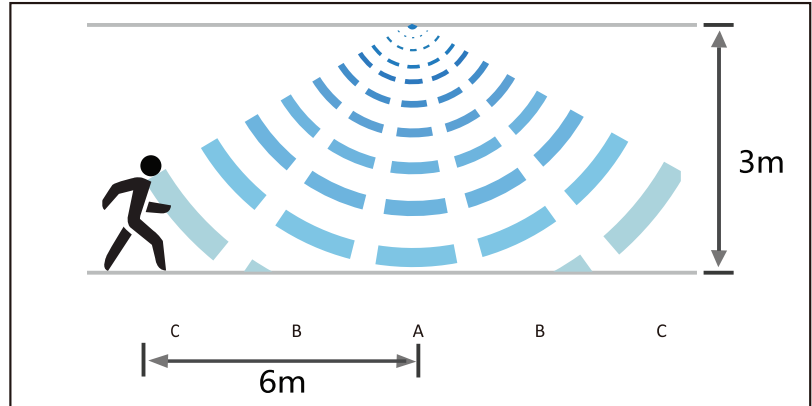


MOTION SENSOR:

The sensor can detect brightness of ambient light and moving objects, with insufficient ambient light, the sensor switch on the lamp when motion is detected.

- When brightness of ambient light > 50Lux, the sensor won't switch on the lamp even if motion is detected.
- When brightness of ambient light < 50Lux, the sensor will switch on the lamp when motion is detected.
- After pedestrian left detection range, brightness of the lamp will decrease to 30% after 5 minutes.
- If no pedestrian pass the detection range, the sensor will switch off the lamp after 30 minutes.

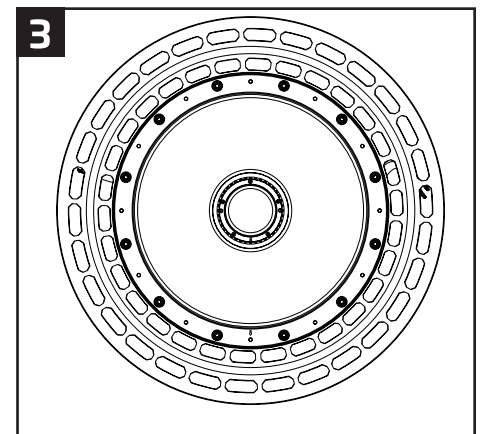
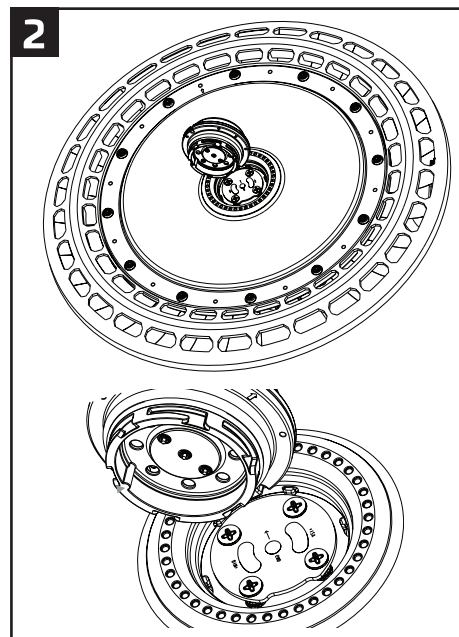
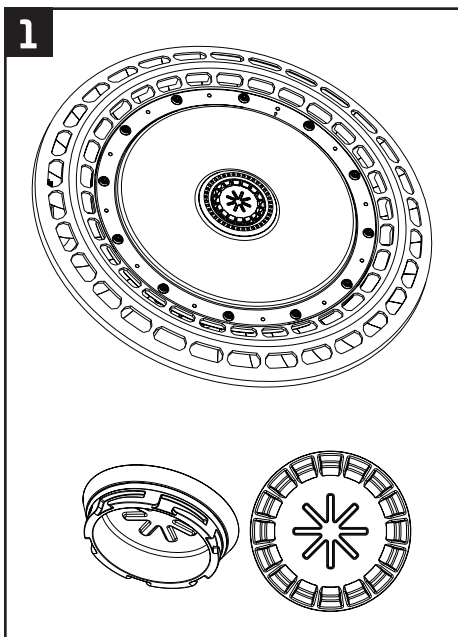
WORKING VOLTAGE	DC12V
MICROWAVE FREQUENCY	5.8 Ghz ISM frequency band
MICROWAVE POWER	<0.3mW
DETECTION ANGLE	120°
DETECTION RANGE	Max. (DxH) 12mx15m
DETECTION SPEED	0.5~3m/s
















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. CUT OFF THE POWER SUPPLY AND OPEN THE MIDDLE WATERPROOF COVER. IF IT IS HARD TO OPEN, AUXILIARY TOOLS SUCH AS STRAIGHT SCREWDRIVER, SCISSOR, TWEEZERS AND SHEETMETAL WILL BE HELPFUL. ROTATE THE WATERPROOF COVER 30° ANTICLOCKWISE TO REMOVE IT. BE CAREFUL NOT TO DISMANTLE THE INTERNAL SMALL PCB CONTACTS AND KEEP THE REMOVED COVER WELL FOR LATER USE. (SEE FIG. 1)
- NOTE: THE ANTI-DISLOCATION OF SENSOR SHALL BE ALIGNED WITH GROOVE OF SMALL PCB IN INTERFACE; BESIDES, THE ARROW OF SURROUNDING PARTS CAN ALSO BE REFERRED TO. ALIGN THE SENSOR WITH INTERFACE AND ROTATE 30° CLOCKWISE TO FINISH THE INSTALLATION (SEE FIG. 2)
- DO NOT USE HAND TO TOUCH CONTACTS AND CORRESPONDING CONDUCTIVE NEEDLE OF SENSOR. PREVENT CONTACTS FROM SCRATCHING BY METAL OBJECTS TO AVOID POOR CONTACT. (SEE FIG. 2)
- NOTE: THE ANTI-DISLOCATION OF SENSOR SHALL BE ALIGNED WITH GROOVE OF SMALL PCB IN INTERFACE; BESIDES, THE ARROW OF SURROUNDING PARTS CAN ALSO BE REFERRED TO. PCB, LENS AND SENSOR ARE ALL MARKED WITH ARROW. ALIGN THE SENSOR WITH INTERFACE AND ROTATE 30° CLOCKWISE TO FINISH THE INSTALLATION. (SEE FIG. 3)



REMOTE CONTROL:

BUTTON	FUNCTION	DESCRIPTION																														
	ON/OFF	Press the “ON/OFF” button, the light goes to constant on or constant off, sensor is disabled. Press “Reset” or “Auto Mode” to quit from this mode.																														
	RESET	Press “Reset” button, sensing function restores to default setting.																														
	AUTO	Press “Auto Mode” button, the sensor starts to work and all parameter setting will be remained the same as the previous status before the light is set constant on or constant off.																														
	TEST PATTERN	<p>The button “Test(2s)” is for factory testing purpose only. The sensor will go to test mode.</p> <p>Detection sensitivity: 100%</p> <p>Hold time: 2 s</p> <p>Stand-by period: 0 s</p> <p>Daylight sensor: disable</p> <p>Test mode can be quit by pressing any button</p>																														
   		<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)	Set the sensor’s sensitivity and detection area of detecting moving objects.																														
	HOLD TIME	Refers to the time period the lamp remains at 100% illumination after no motion detected.																														
	STAND-BY DIMMING LEVEL	After hold time, the lamp will have faint light instead of switching off immediately. Here the setting 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, sensor will respond.																														

