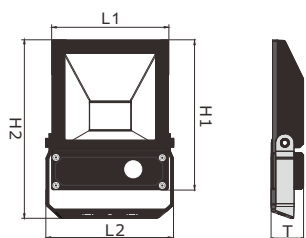
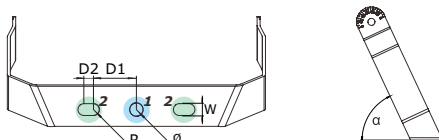


Installation Instruction

1. Dimensions



Selection of mounting holes



10~30W

Pos.1: 1xM8(A2-70 or above) screw

Pos.2: 2xM8(A2-70 or above) screw

50W

Pos.1: 1xM10(A2-70 or above) screw

Pos.2: 2xM10(A2-70 or above) screw

Unit: mm

Power	H1	H2	L1	L2	T	D1	D2	W	R	Ø	α
10W	122	156	103	115	32	30	10	8.2	4.1	8.2	65°
20W	168	200	133	145	40	30	10	8.2	4.1	8.2	65°
30W	168	200	133	145	40	30	10	8.2	4.1	8.2	65°
50W	203	242	158	173	48	35	15	10.5	5.25	10.5	70°

Maximum projected area of the floodlight:

10W: 0.018m² 30W: 0.029m²

20W: 0.029m² 50W: 0.042m²

2. Standard installation steps

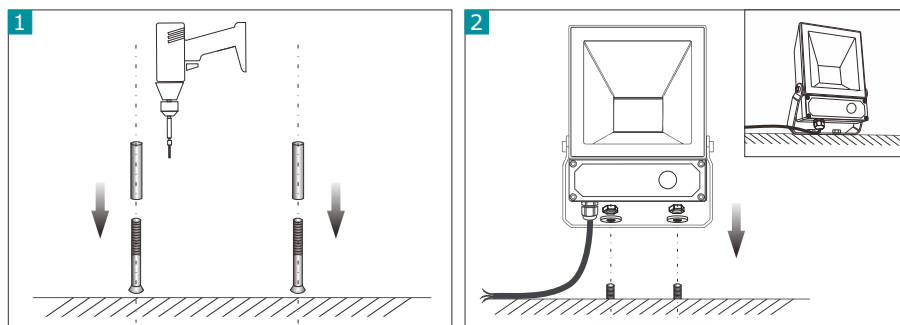
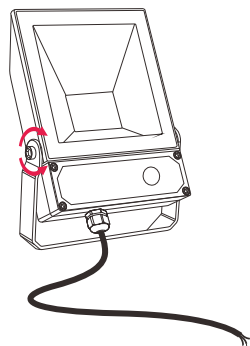
Step 1: Open the box and check your product. In case of damage contact your merchandiser.

Step 2: Fasten the brackets on the wall/surface with Stainless steel screws.

Step 3: Adjust the floodlight to direct the light in desired direction before tightening the screws.

Step 4: Be sure to connect the wires correctly. Brown- Live, Blue- Null, Yellow/Green- grounding. Make sure power cord was fixed for anti-pull purpose, and the connection is waterproof.

Step 5: Switch the voltage on and check to see that the floodlight works properly.



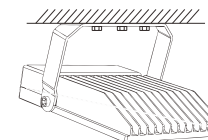
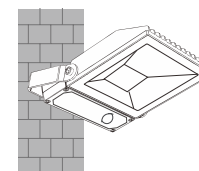
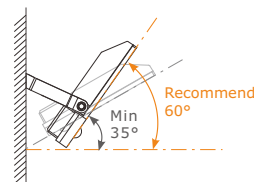
3. Installation position

Floodlight can be installed on wall, ceiling.

Maximum installation height is 5m considering the project distance.

Note:

1. Avoid mounting the detector near heat sources, such as heating vents, air conditioning units, light etc.
2. Avoid projecting towards high reflective materials, such as mirror, white wall, etc.
3. Dust accumulated on the sensor could seriously impact the sensitivity.



4. Caution:

1. Installation and maintenance must be performed by qualified person.
2. The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
3. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
4. Please make sure the holder is strong enough and screws were tighten up.
5. Ground wire must be well connected.
6. If dimming cable is not used, the wire end must be sealed. Improper installation is not covered by the warranty.
7. Please make sure the lamp is working with correct input voltage.
8. Do not use chemicals or corrosive cleaner to clean the fixture.
9. The minimum distance from lighted objects to luminaries shall be kept at least 0.3m.
10. Broken Glass must be replaced by certified technician.



5. Utilization of used lamps

LED lamps must be disposed of in accordance with current regulations concerning environmental protection. Used lamps should be returned to the applicable collection point, where they will be accepted free of charge. Proper utilization of equipment enables preserving valuable environmental resources and avoiding adverse impacts on health and the environment, which may be threatened by inappropriate waste handling.



6. Remote controller

Note: All "Lux" data indicated in this manual are based on sunlight. If there is other light source (such as LED) at the working area, the sensitivity could be different. This is because sensor has different performance to different spectrum.

The default setting is PIR sensor mode

IR emitter

Daylight sensor: Press the button to set the triggered daylight threshold.

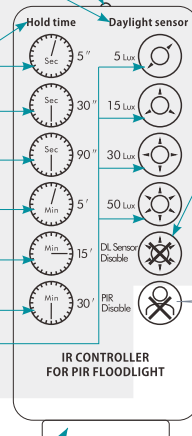
Hold time: Press the button to set the duration time.

Hold time: 5/30/90 seconds, or 5/15/30 minutes.

Daylight threshold setting
5/15/30/50 Lux.

Insulation gasket:

Please pull out the insulation gasket before use, and put it back after use to keep the battery longer life.



DL Sensor disable:

Disable the daylight sensor, means the light will turn on once IR sensor detects movement, regardless of the ambient illumination. (This function is for PIR testing during daytime).

PIR disable setting — Mode Setting:

1. Disable PIR sensor — (Daylight sensor Mode):
Press this button for 3 seconds, floodlight flickers twice. Motion detection function is disable. It only works as a light sensor. It turns on when ambient illumination is lower than 25lux (Hold time is at least 2 min), and automatically off when ambient illumination goes up. (All other buttons are inactive at this mode).

2. Enable PIR sensor — (PIR sensor Mode):
Press this button for 3 seconds again, floodlight turns on for 1 second. Motion detection function is active. (The default setting is PIR sensor mode)

7. Sensor setting

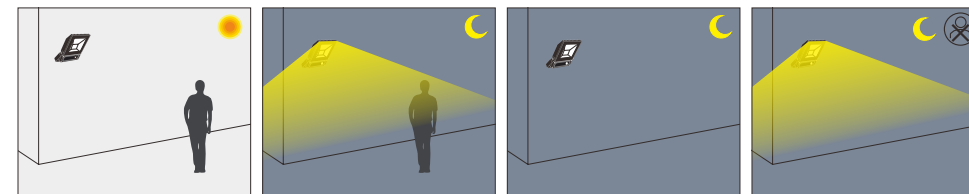
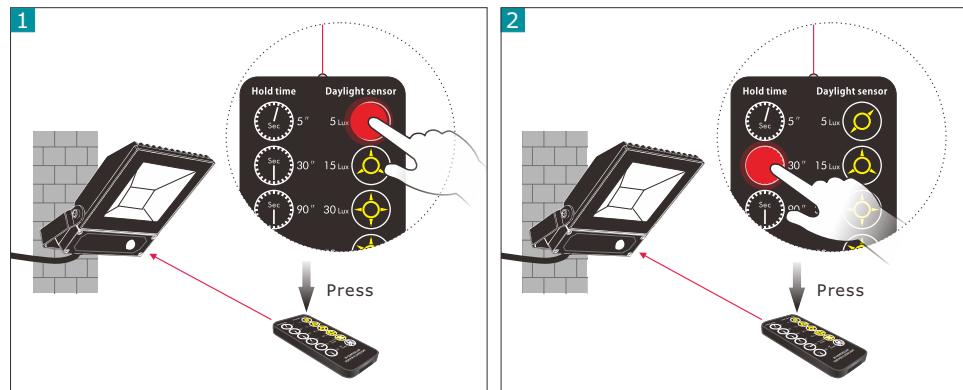
This energy-saving LED floodlight is controlled by the infrared sensor and light sensor. It will turn on automatically when human is detected and the ambient illumination is lower than the daylight threshold. It keeps working when movements detected inside the area. It will automatically turn off after a setting duration when people move outside the area.

The hold time and ambient illumination threshold can be set with an IR remote controller. Please point the controller to the floodlight when pressing the setting buttons. A red signal will flash to indicate that the setting is well received.

Step 1: power on the lamp;

Step 2: Set the daylight threshold;

Step 3: Set the Hold time

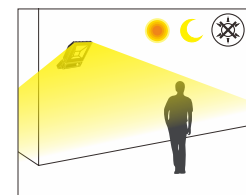


When ambient illumination is higher than the setting threshold, the lamp doesn't switch on.

When ambient illumination is lower than the setting threshold, the sensor switches on the lamp when motion is detected.

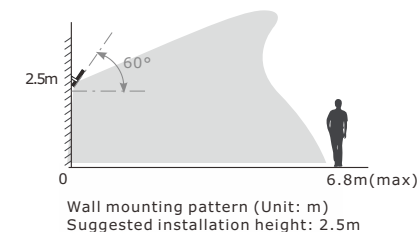
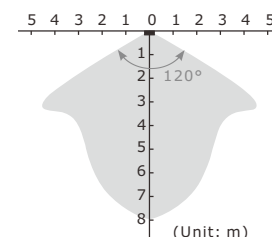
After hold time, the sensor switches off the lamp when no motion is detected.

Motion detection function was disabled



Disable the daylight sensor

8. Detection pattern

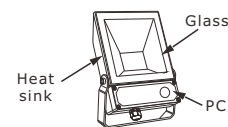


Wall mounting pattern (Unit: m)
Suggested installation height: 2.5m

9. Cleaning



1. Turn off the power supply before cleaning.
2. Clean the dust and others on the heat sink to ensure optimal heat dissipation from the lamp.
3. Clean the glass regularly to ensure optimal light output.
4. Please use the recommended cleaning agents and tools.



Cleaning Materials

Recommended	Forbidden
Mild soap	Abrasive cleaners
Ethyl alcohol	Highly alkaline cleaners
Soft/microfiber cloth	Aromatic solvents
Sponge	Halogenated solvents
Water cleaning	Brushes
Compressed air	Steel wool



The list is not exhaustive

Cleaning Interval

Cleaning interval Vs. Luminaire maintenance factors.

Pollution Category (CIE 154)	Cleaning Interval (years)				
	1.0	1.5	2.0	2.5	3.0
High	0.91	0.90	0.88	0.85	0.83
Medium	0.92	0.91	0.89	0.88	0.87
Low	0.93	0.92	0.91	0.90	0.90

Definition of pollution categories.

High:

No nearby smoke or dust generating activities and a low ambient contaminant level. Light traffic. Generally limited to residential or rural areas. The ambient particulate level is no more than 150 micrograms per cubic metre.

Medium:

Moderate smoke or dust generating activities nearby. Moderate to heavy traffic. The ambient particulate level is no more than 600 micrograms per cubic metre.

Low:

Smoke or dust plumes generated by nearby activities are commonly enveloping the luminaires.