

NOTE:

- Should be installed by electrician or suitably qualified person;
- Avoid installing the floodlight on an uneven surface/object;
- There should be no objects hindering/moving in front of the detection windows as this can affect detection;
- Avoid installing it near air temperature alteration zones such as air condition, central heating, etc;

TROUBLESHOOTING:

The load does not work:

- Please check if the connection of power source and load is correct.
- Please check if the load is good.
- Please check if the settings of working light correspond to ambient light.

The sensitivity is poor:

- Please check if there is any hindrance in front of the detector to affect it to receive the signals.
- Please check if the ambient temperature is too high.
- Please check if the induction signal source is in the detection field.
- Please check if the installation height corresponds to the height required in the instruction.
- Please check if the moving orientation is correct.

The sensor can not shut off the load automatically:

- Please check if there is continual signal in the detection field.
- Please check if the time delay is set to the maximum position.
- Please check if the power corresponds to the instruction.



This product should be disposed of responsibly at the end of its life. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice (Waste Electrical and Electronic Equipment Directive)

Helpline

If you receive this item with parts broken or missing, please telephone: **0333 0050077**

Please have ready your name, address, tel. no., product reference, where purchased and parts required. An answering service is in operation outside office hours and during busy periods.

We regret that we are unable to give advice on internal house wiring.

Cascade Holdings Ltd, Gorse Mill, Gorse Street, Chadderton, Oldham. OL9 9RJ

EU Authorised Representative: Authorised Rep Compliance,
Ground Floor, 71 Lower Baggot Street, Dublin, Ireland,
D02P593.

**COAST**

Alan LED Adjustable Floodlight with 180° PIR CZ 44370



Instruction

The product is an energy-saving sensor lamp. It can identify day and night.

The lamp can activate when a person enters the detection field and can turn off automatically once they leave the detection area.

SPECIFICATION:

Voltage: 220-240V/AC

Power Frequency: 50/60Hz

Ambient Light: <3-2000LUX (adjustable)

Time Delay: Min.10sec±3sec

Max.5min±1min

Power: 20W (1900LM)

IP Class: IP65

Detection Range: 180°

Detection Distance: 5-12m(<24°C)adjustable

Working Temperature: -20~+40°C

Working Humidity: <93%RH

Installation Height: 1.8-2.5m

Detection Moving Speed: 0.6-1.5m/s

FUNCTION:

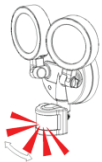
Can identify day and night: The consumer can adjust working state in different ambient light. It can work in the daytime and at night when it is adjusted on the “sun” position (max). It can work in the ambient light less than 3LUX when it is adjusted on the “moon” position (min).

As for the adjustment pattern, please refer to the testing pattern.

SENS adjustable: It can be adjusted according to using location. The detection distance of low sensitivity could be only 5m and high sensitivity could be up to 12m.

Time-Delay is added continually: When it receives an induction signal within the during it's initial induction, each signal will restart the time from the moment of induction.

Adjustable Time Delay: the length of time delay could be set according to the customers' requirement, the minimum time of this item is $10\text{sec} \pm 3\text{sec}$, the maximum is $5\text{min} \pm 1\text{min}$.



Good sensitivity



Poor sensitivity

INSTALLATION:

Switch off the power.

Screw off the nail on the bottom of sensor lamp and unload the bottom.

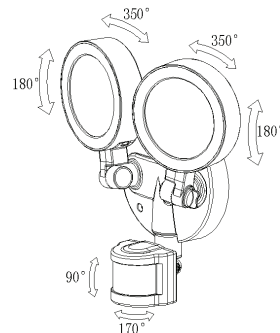
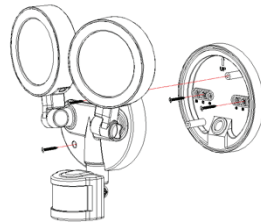
Open the wire hole in the bottom and pass the wire through the hole.

Fix the bottom on the selected position with the inflated screw

Connect the power wire into connection-wire column according to the connection-wire diagram.

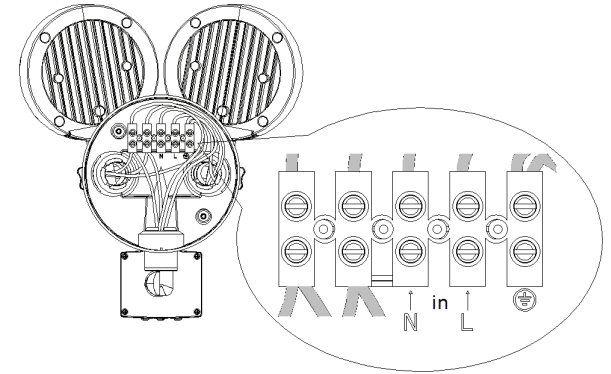
Fix back the sensor lamp on the bottom.

Switch on the power and then you can test it.

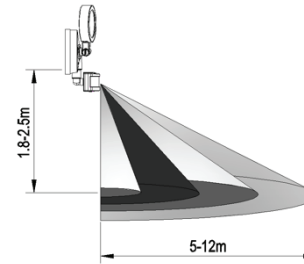


The sensor head and LED can tilt up/down, turn left/right according to the customers' requirement as the right drawing:

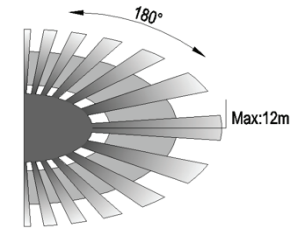
CONNECTION-WIRE DIAGRAM:



SENSOR INFORMATION:



Height of installation: 1.8-2.5m



Detection distance: Max 12m

TEST:

Turn the SENS knob clockwise on the maximum (+).

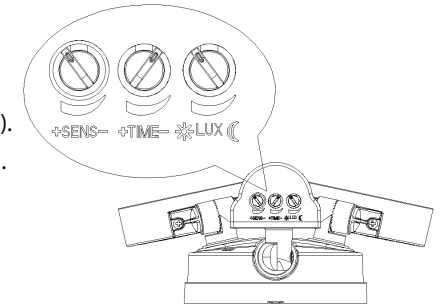
Turn the TIME knob anti-clockwise on the minimum (-).

Turn the LUX knob clockwise on the maximum (sun).

Switch on the power; the lamp will have no signal at the beginning. After Warm-up 30sec, the lamp can start work. If it receives the induction signal, the lamp will turn on.

While there is no another induction signal any more, the lamp should stop working within $10\text{sec} \pm 3\text{sec}$.

Turn LUX knob anti-clockwise on the minimum (moon). If the ambient light is more than 3LUX, the lamp should not work. If you cover the detection window with the opaque objects (towel etc), the lamp would work. Under no induction signal condition, the lamp should stop working within $10\text{sec} \pm 3\text{sec}$.



Note: when testing in daylight, please turn LUX knob to ☀ (SUN) position, otherwise the sensor lamp could not work!