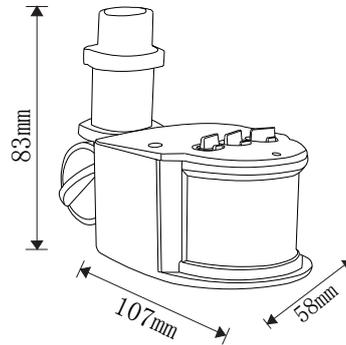


ST10C Infrared Sensor Instruction



Summary

The product is an energy-saving automatic switch, it adopts integrated circuit and precise detecting components. It can be on when one comes and will off automatically after leaves. It can identify day and night automatically. Its performance is very stable. The lights will shine and automatically turn on when one enters the detection field and trigger it to work; the light will turn off after one leaves.

Specifications

Power source: 180-240V/AC
100-120V/AC

Power frequency: 50/60Hz

Rated load: 1200W(220V/AC max)
800W(110V/AC max)

Detection distance(22°C): 2~11m (adjustable)

Detection range: 180°

Working temperature: -10°C~+40°C

Working humidity: less than 93%RH

Time-delay: 5sec~7min+2min

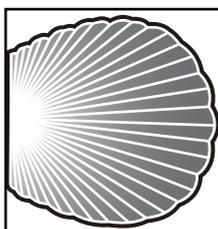
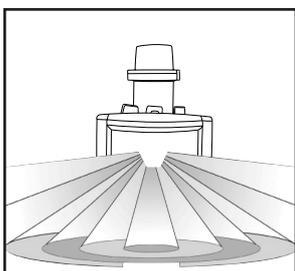
Ambient-light: <10~2000Lux (adjustable)

Installation height: 1.8m~2.5m

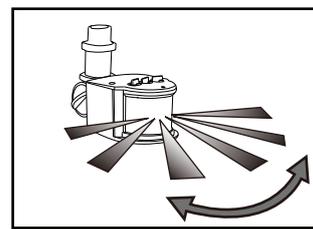
Function

- Can identify day and night automatically. Ambient-light can be adjusted. So it will work at night and stop in the daytime. The consumer can adjust it freely.
- Detection distance can be adjusted according to the local place.
- The time delay can be adjusted vary to the place.
- The light-time can be added automatically. When human moves in the detection fields when the lamp is lighting, it can compute time once more and delay automatically the light-time after the light-time detect the signals every time.
- Installation diversify: we can fit connection –line box, connection-mouth, 1/2"spiralling connection-hand.

Senser Information



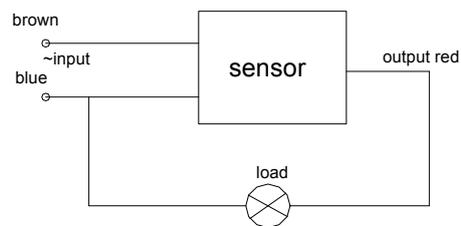
2~11m
Correct moving orientation



180°
Induction Angle

Installation:

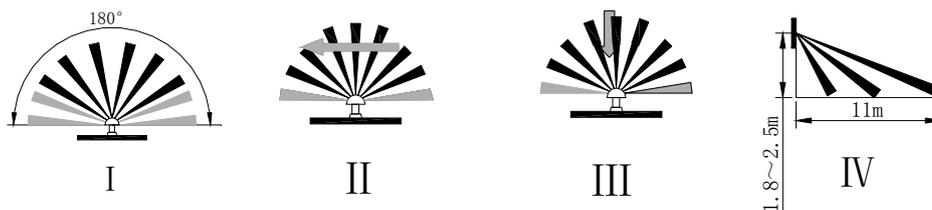
Avoid installing it where there is sunshine or air stream and temperature alter obviously.
Connect line according to the right figure.



Connect:

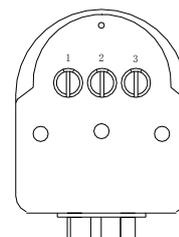
The detailed installing is confirmed according to the right figure.

- I .Detection Angle(top view) II .Good sensitivity(arrow is the moving orientation)
III.Poor sensitivity IV.Detection Distance and Range(side view)



Operation:

- 1) Sensitivity: turn the knob "1" clockwise to raise its sensitivity and turn it anti-clockwise to reduce its sensitivity.
- 2) Turn the knob "2" clockwise to last operating time and turn it anti-clockwise to shorten it .
- 3) Light control: turn the knob"3",this product can operate in different ambient-light.(See the fig.)



Notes:

Avoid installing it where there is sunshine or air stream and temperature alter obviously.
Avoid impacting the lens device with sharp things or coarse pollutant.