

LED human body infrared floodlight floodlight sensor head

AF250



Features:

The human body sensor uses infrared technology and has built-in human body infrared sensing module, light effect sensing module and delay switch module. Integrated encoding and decoding mode for transmitting, decoding and receiving, and controlling output.

It adopts industrial grade chips with large load capacity and strong anti-interference ability.

It can be automatically turned on when a person enters the sensing range, and can be automatically delayed and turned off after the person leaves, eliminating the artificial waste of conventional lamps that are turned on and turned off by no one, extending the service life of the lamp, integrating energy saving, convenience and environmental protection.

It can automatically identify day and night, and the external environment illumination for starting work can be freely selected, so that it can automatically work at night and shut down during the day. The user can adjust it by himself;

the detection distance is adjustable and can be adjusted according to the place of use;

the lighting time is adjustable and can be adjusted by the user according to local conditions.

[Adjustment]:

1) LUX is to adjust working during the day or at night.

A: When adjusted to the sun position, the sensor works all day;

B: When adjusted to the moon position, the sensor does not work during the day and automatically enters working status at night.

2: TIME is to adjust the sensor delay time ($5\pm 2\text{sec}$ - $4\pm 1\text{min}$). The delay time refers to the time for the sensor to turn off after the person leaves the sensing area after the sensor detects the person.

3: SENS

is to adjust the sensitivity of the sensor. Generally no adjustment is required.



The main technical parameters:

Detection range: 180°

Working voltage: DC12V / AC85-265V

Detection distance: 2-14m (24°C) (adjustable)

Delay time: 15 seconds ~ 9 minutes (adjustable)

Environmental illumination: 2 ~ 2000LUX (adjustable)

Working temperature: -10°C ~ +40°C

Working humidity: less than 93% RH

Installation height: 1.8m — 2.5m

Material: ABS

Overall dimensions: 60*45*160mm

Installation method: Open type, (opening 16mm) When installing, the adjusting button faces downward.

Product wiring diagram:

