Product Overview

PIR010 is developed by pyroelectric infrared induction technology, which is working as a human presence sensor switch. It could achieve the effect that the lights are on when people appear and the lights are off when people disappear. Energy saving and timely lighting PIR010 is the ideal choice for your home lighting with stylish appearance.

Wide range of applications: it could be use to different application such as bedside, wardrobe or storage shelf, stairwell or porch entrance, kitchen and garage, etc.

Super easy to use: just connect the power and lighting products (such as light strips, etc.) through two 5521 DC power sockets and then use the 3M glue or screws to fix the place wherever necessary.

Product Features

- The brightness is adjustable. The required brightness can be easily adjusted through the knob on the top of the product.
- Three levels of induction time are available, 30 seconds, 60 seconds, and 380 seconds.
- Sensing to turn on the illuminance, there are two modes of day and night to choose from.
- Built-in sensitivity temperature compensation function.
- Input reverse connection protection and input and output reverse connection protection.
- The light is soft and not dazzling.
- Detection Range: 6m Max.

Product Parameters

Model	PIR010	Sensing Mode	Day time and night time
Applicable Voltage	DC5–24V	Light-off Mode	On/off with brightness buffer
Current	4A MAX	Working Temperature	-20°C to +40°C
Sensing Angle	100°	Product Dimension	60*61*31.2mm
Delay Time	30S, 60S, 380S for option	Packing Dimension	70*70*40mm

*After the induction module is powered on, there will be an initialization time in about one minute. The module will output 0-3 times at intervals during this time. It will enter the standby state after one minute

Product Details

Input&output with DC female plug

Day time and night time

Brightness adjustment

30s, 60s, 380s delay time

Installation by Two Ways

Way 1
Installation with double sided adhesive tape

Way 2
Installation with two screws

Precautions

- Avoid installing the sensor in a location exposed to strong light and strong wind.
- The maximum working temperature of the sensor is 40°C and the sensor may not be sensitive if it exceeds this range.
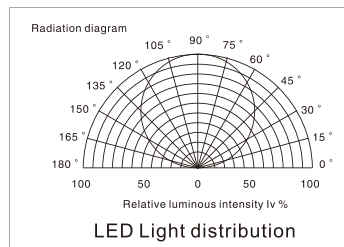- The sensor is non-waterproof and could be used in dry environments only.
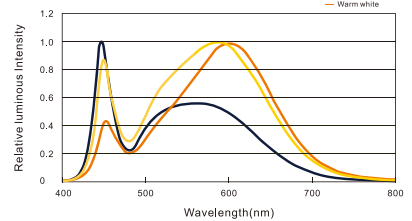
Recommened DC Power Supply

Recommened Strips/Optional

General description

- Available in 5V–24V DC
- CRI80 & CRI90 LED Strip are available
- Working temperature: -20°C to +50°C
- Very bright & low power consumption
- Long life span LED lights, more than 50,000 hours
- Adhesive back, peel & stick
- IP20, IP65, IP67 are available

Radiation diagram

LED Light distribution

Color Spectrum (CRI90)

Electronic & Output Data

SMD2835, 60 LEDS/m

Size (mm)	Color	CRI	Photo	LED Qty/m	Lumen/m	Voltage (V)	Power (W/m)	Packing (m/reel)
L5000*W8*H1.5	WW ▢ NW ▢ CW ▢	90+		60	1000 1100 1200	12/24	14.4	5

SMD2835, 120 LEDS/m

Size (mm)	Color	CRI	Photo	LED Qty/m	Lumen/m	Voltage (V)	Power (W/m)	Packing (m/reel)
L5000*W10*H1.5	WW ▢ NW ▢ CW ▢	90+		120	1300 1400 1500	12/24	14.4	5

SMD2110, 280 LEDS/m

Size (mm)	Color	CRI	Photo	LED Qty/m	Lumen/m	Voltage (V)	Power (W/m)	Packing (m/reel)
L5000*W10*H1.5	WW ▢ NW ▢ CW ▢	90+		280	1420 1460 1510	24	19.2	5