

IP 54

PRODUCT INFORMATION

LED as a modern light source has become the development trend in the lighting industry with the characteristics of high efficiency, long life expectancy and relatively low energy consumption. How to use it reasonably and efficiently is the key issue in the lighting industry. PD-PIR2019 are designed with 30 LEDs(0.2W). Its reasonable layout makes heat flow even and achieve the most optimized luminous efficiency. And a 6W LED lamp can generate equivalent brightness when compared to using a 40W resistor type halogen Lamp. Its life time is 100 times longer than ordinary halogen lamps. It can work with human sensor switch which makes it more energy saving and secure with the light turning on when one comes in and turning off when one goes out. LED lamps are an ideal substitute as an energy saving light source.

SPECIFICATIONS

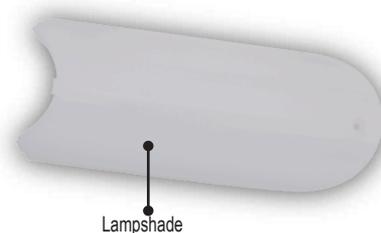
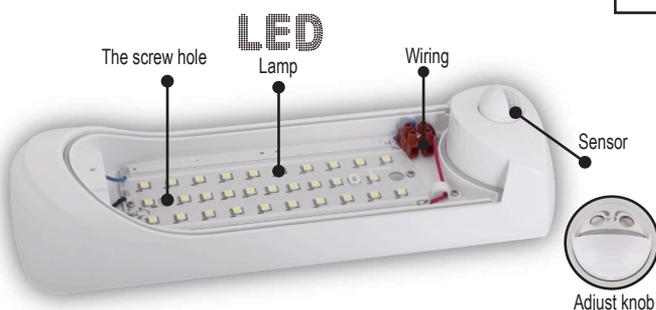
Power source: 220-240V/AC
 Power frequency: 50Hz
 Rated load: 6W Max.
 Detection range: 8±2m (max)(24°C)
 Detection angle: 120°
 Time delay: min: 7±3sec
 max: 6±2min (adjustable)
 Light-control: <10lux~2000lux (adjustable)

Working temperature: -10°C ~ +40°C
 Working humidity: <95%RH
 Sense motion speed: >1.8m~3.5m
 (Wall installation)
 LED quantity: 30PCS
 Single LED Power: 0.2W
 Luminous flux: 280lm

NAME OF EACH PART

ASSEMBLY PARTS

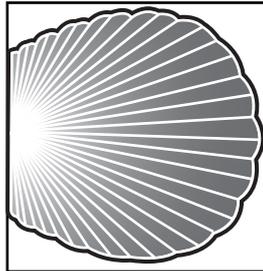
	2X		2X
Plastic expansion screw		Screw	



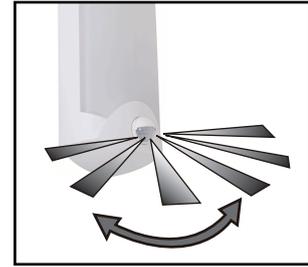
INDUCTION RANGE



1.8~3.5M
Height of installation

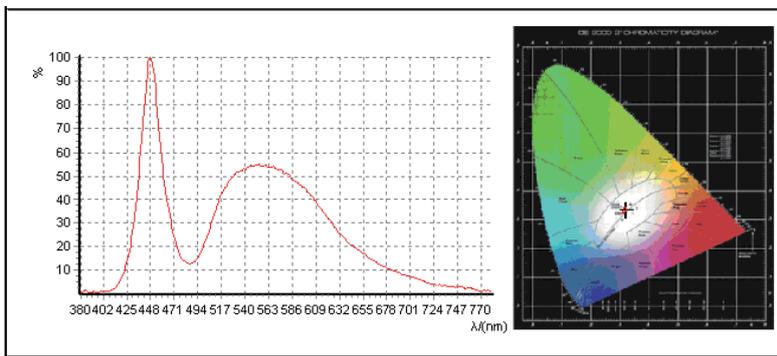


8±2m
Correct moving orientation



120°
Induction Angle

SPECTROGRAM



PROCEDURE OF INSTALLATION

- Step 1 Mark the hole position with a pencil after determining where you want to install the product. (Fig.1)



Fig.1

Note: If it is a wooden wall, there is no need to use plastic expansion screw, just fasten the screw with the screwdriver.

- Step 2 Drill holes on the walls where there is pencil mark with an electric drill and get the plastic expansion screws inside the hole. (Fig.2)
- Step 3 connect the cable to the lamp through the cable entry openings. (Fig.3)

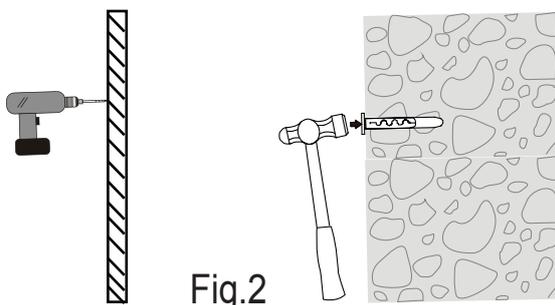


Fig.2

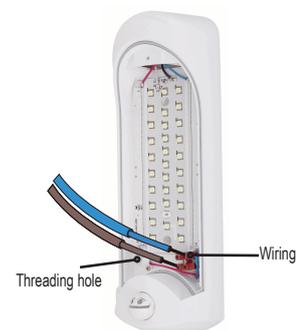


Fig.3

- Step 4 If it is a wooden wall, there is no need to use plastic expansion screw, just drive the screw with the screwdriver. (Fig.4a)
If it is not a wooden wall, please refer to step 2. (Fig.4b)



Fig.4a



Fig.4b

- Step 5 fasten the cover to the lamp base which has been installed on the wall. (Fig.5)

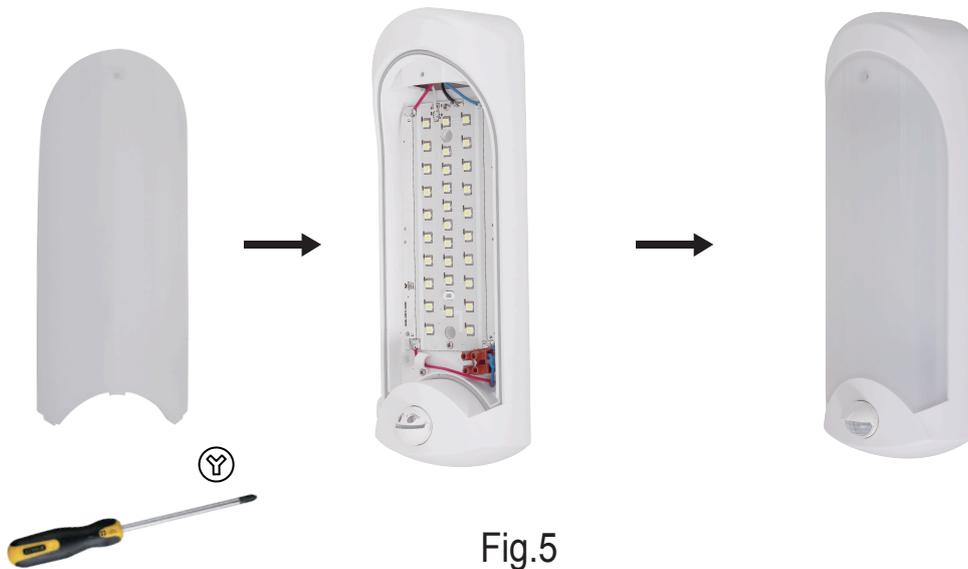
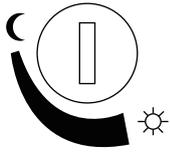


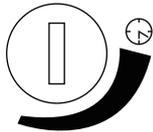
Fig.5

- Step 6 Open the cover of the control panel downwards, and set the control knobs, and then cover the control panel upwards. (Fig.6)





Work illumination value can be adjusted in the range of 10 ~ 2000LUX illumination value is about 10LUX when counterclockwise rotation to the end, illumination value is about 2000LUX when clockwise rotation to the end. The knob should be rotated counterclockwise to the end when making the walking test or adjusting the detection range during the day.



It can be set at the range of 5 second (counterclockwise rotation to the end) to 8minute(clockwise rotation to the end) .The timer will recount when the sensor detect a moving signal before the end of the last time, so we advise that you'd better set the time to minimum when you make the detection range testing or the walking testing.

Note: The sensor need to wait 1second to re-work after the light going off. Only after the end of the time, the light will lighten again when detecting the signal.

Note: Do not force too much when adjusting the three knobs because they are assembled directly on the component! There is a small limiting device in the component, which will be broken if you force too when the knob is rotated to the end. If it happens, the knobs will be rotated 360° without the device limiting. Please notice that the limited adjusting angle of the knobs is 270°.

FAULT AND THE SOLUTION

Fault	Failure cause	Solution
Does not work with the load	Light-illumination set incorrectly, the load is broken	Adjust the setting of the load
	The power is off	Change the load
	There is a continuous signal in the region of the detection	Turn the power on
Work all the time with the load	The sensor have not been installed correctly	Check the settings of the detection area
When there is no a moving signal work with the load	Sensors failed to pack good cause its cannot reliably detect signal	Re-install the outer covering
	Moving signal is detected by the sensor (movement behind the wall, the movement of small objects, etc.)	Check the settings of the detection area
When there is a moving signal work with the load	The moving body is too fast or the detection area is too small	Check the settings of the detection area

Warning!

Please confirm with professional installation.

Please cut off power supply before installation and removal operations.

Make sure that you have cut off the power for safety purposes.

Improper operation caused losses, the manufacturer does not undertake any responsibility.

Ningbo Pdlux Electronic Technology CO.,Ltd

Add: 17F,Commerce Building of NingBo,
No 588, South Tiantong Rode,Yinzhou District,Ningbo, China
Tel: 86-574-83008608(20 lines) Fax: 86-574-83008609
Email: pdlux@pdlux.com Web: www.pdlux.com