



Product Specification:

Model	Rated Input Voltage	Rated Output Current	Max. Load Power	Operating Temp	IP Rating	Delay time
IX-PIRSEN	12V DC	6.25A	12V 75W	-20℃≤Ta≤50℃	IP20	10S-3Min.
	24V DC		24V 150W			

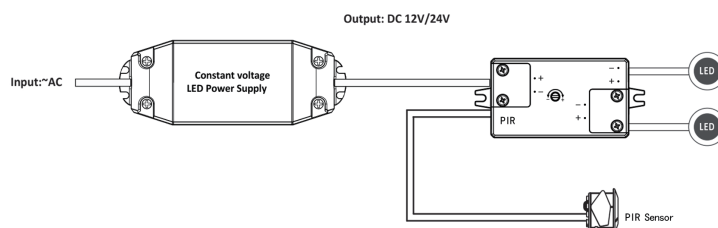


Product Application:

- IX-IRSEN is a LED light controller with pyroelectric sensors. There are two kinds of output connection modes: metal terminal and connect or, which can be selected by customers.
- Pyroelectric sensors respond to human movement. When the sensor detects that the target moves within its detection range, it will be closed, the duration is 10s-3min. The duration can be adjusted by turning the potentiometer on the product case. When the delay is complete, it disconnects.



Wiring Diagram:

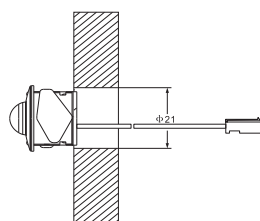


Sensor Model:

Sensor	Dimension(mm)	Hole opening diameter(D)	Day Light Detection
S103		φ 21mm	NO



Sensor Installation Dimension:

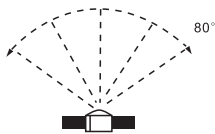


As shown in the Fig.1, drill a 21mm diameter hole on the required place, install the pyroelectric sensor on the left and connect the plug to the controller. At the same time, it is required that the straight line formed by the two convex points on the sensor housing is parallel to the ground.

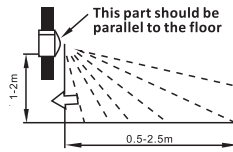


Detection Range of Pyroelectric Sensor:

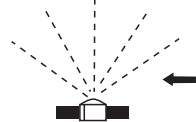
TOP VIEW



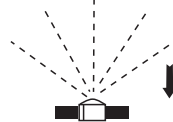
SIDE VIEW



GOOD SENSITIVITY



POOR SENSITIVITY



Installation Precautions:

Be sure to read and understand all instructions before installation. For best results have installed by a qualified technician.

Before power on, please be sure to connect the light, power supply and this product according to the wiring diagram. Failure to connect to an outlet in this order may cause damage and will void manufacturer's warranty.

There are no user serviceable parts in the product. Opening the case may damage product and will void warranty.

Don't overload the product. Suitable for dry locations.

Please make sure that the product is connected correctly according to the wiring diagram. Cutting off the connection with the power grid during the installation.

If the product is used for purposes other than originally intended or it's connected in a wrong way, no liability can be taken over for possible damages.

Please keep the sensor probe clean. It is not allowed to touch the outer surface of the optical lens by hand. You can use soft cloth or cotton to clean it regularly to avoid dust affecting its sensitivity and causing misoperation of the controller.

Please make sure that the sensor is installed in the correct way, ensure that the probe is firmly on the drilling hole and that the straight line formed by the two convex points on the sensor housing is parallel to the ground, otherwise the detection range will be affected.

The lens of the sensor shall not be directly exposed to the sunlight, automobile lamp, incandescent lamp and other light sources, nor directly to the heat source (such as heater, air conditioner, etc.) to avoid the misoperation of the controller



Installation Wire Instruction:

Input wire specification: metal terminal

Output wire specification: metal terminal and output connector



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