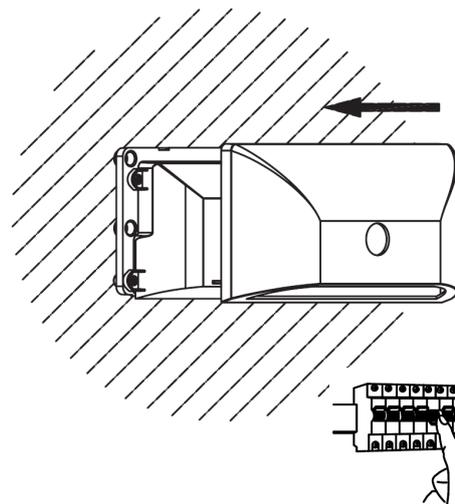
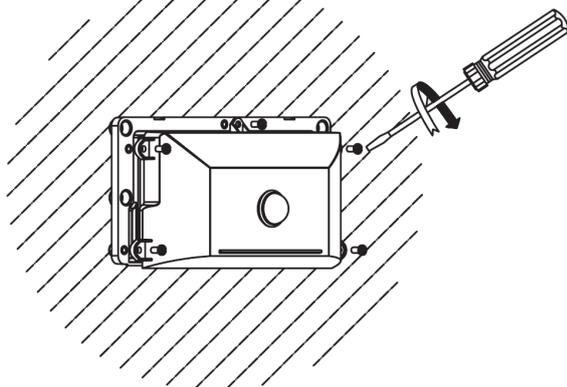


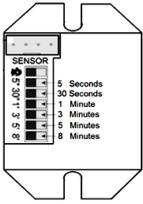
MAINS SUPPLY **LIGHT FITTING**

LIVE - Possible colours : Red or Brown — LIVE

NEUTRAL - Possible colours : Black or Blue — NEUTRAL



TH-107 INFRARED SENSOR INSTRUCTION



Summary

This product is an energy saving, automatic sensor switch which can identify between day and night. It uses an infrared detector, IC Chips and SMD Technology. When someone enters its detection range it will trigger the sensor switch to work and the infrared detector will turn on the lamp. When the person leaves its range the lamp will turn off automatically. It can detect the level of ambient light automatically so will set itself to work when the ambient light is below the setting. Once the ambient light exceeds the setting the lamp will stop working.

Specifications

Power source:	180-240V/AC 110-130V/AC (adjustable)
Time setting:	5s, 30s, 1Min, 3Min, 5Min, 8Min
Rated load:	150W (180-240V/AC) 100W (110-130V/AC)
Working temperature:	-20 - +40 Degrees Centigrade
Working humidity:	<93%RH
Detection angle:	160 degrees
Detection range:	8 Metres
Working illumination at night	< 10 LUZ

Function

Uses a 7-bit DIP switch: Select working illumination mode: Night or Day/Night (24hour)

DIP adjustment: 1st DIP switch is to set for Night or Day/Night and the 2nd to 7th switches are to set the lamp on time 5s, 30s, 1 Min, 3 Min, 5 Min and 8 Min.

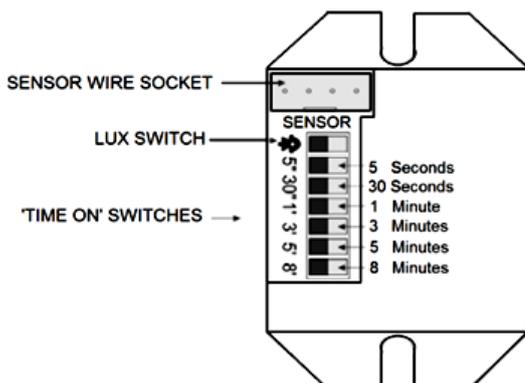
Wiring diagram

Brown and blue cable should be connected to the power line (input)
Red and Blue cable should be connected to the load (output)

DIP switch setting

Working mode selection: When the switch is in the first position it works Day/Night (24Hr), slide to the On position to only work at night.

Time delay: Select your choice of time for the lamp to be activated for (5s, 30s, 1 Min, 3 Min, 5 Min and 8 Min) by sliding the appropriate switch to On



SETTING EXAMPLES

<p>1) WORKS ONLY IN DARKNESS 2) 3 MINUTE 'TIME ON'</p> <p>5" 30" 1' 3' 5' 8'</p>	<p>E.G: The fitting will only work during the hours of darkness. The light will stay on for 3 minutes once activated.</p>
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<p>1) WORKS NIGHT AND DAY 2) 8 MINUTE 'TIME ON'</p> <p>5" 30" 1' 3' 5' 8'</p>	<p>E.G: The fitting will work all the time. The light will stay on for 8 minutes once activated</p>
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TEST

Slide the DIP 5s switch to the On position with all other switches in the original position.

Switch on the power, the sensor will have set itself when the lamp turns off.

Trigger the sensor once by movement, the lamp turns on and then off automatically after 5-7 seconds.

Slide the 1st DIP switch to On position, if testing in the daylight the lamp will not be sensing objects so cover the photo resistor and test the sensor. The lamp should again turn on then off automatically after 5-7 seconds.

When no time is selected the lamp will be on for a long time after being triggered.

Troubleshooting

If lamp fails to light

- Check mains supply has been correctly wired.
- Check mains supply is on.
- Check Night, Day/Night mode setting

If lamp stays on

- Check the sensor is not being falsely triggered by moving objects, trees, vehicles etc

