

# SENSOR LIGHT

Cat No. SL311



INSTALLATION & OPERATING  
INSTRUCTIONS

## SL311 Sensor Light

Please read the instructions before using the product and retain for future use.

Lamp diffuser retaining screw

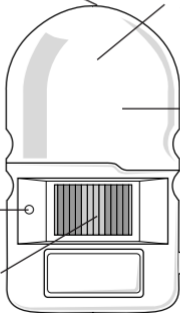
Krypton bulb –  
70% brighter than  
standard bulb

Lamp  
diffuser

Light  
sensor

PIR sensor  
and lens

On/Off/Auto  
switch



1

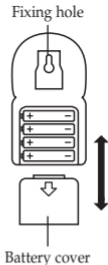
## *Features*

- As a convenience aid, the unit provides you with a light when you need it, in such dark places as stairways, basements and car park entrances. No need to search for the lightswitch.
- It uses a built-in passive infra-red (PIR) sensor that instantly detects moving body heat and activates the built-in light when someone moves within the detection area.
- It lights instantly and remains on as long as there is a moving heat source in the area. The light will switch off 20 seconds after the last detection is made.
- A light sensor is incorporated to prevent operation during daylight hours.
- Energy saving – you will never forget to turn this light off because in auto your light is only on when you need it.

## Battery installation

The unit operates on 6V DC, supplied by 4 AA alkaline batteries.

Remove battery compartment cover by pressing down on the arrow and sliding outwards. Insert batteries into the battery compartment with correct polarity as indicated and slide cover shut.



3

## Bulb replacement

A spare bulb is included in the pack.

Using a cross head screwdriver remove the lamp diffuser screw. Pull the diffuser outwards at the top and then lift it clear of the lamp body.

Unscrew the lamp (anti-clockwise) and remove it.

Make sure the new bulb is screwed tightly into the holder (finger pressure only), then replace the diffuser and fixing screw.

## Detection area

Position the unit so that potential paths taken by people cut across the beams as shown below and not directly at them.

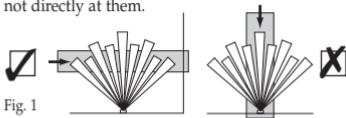


Fig. 1

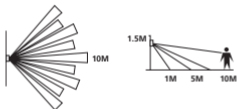


Fig. 2

The unit should be fitted about 1 to 1.5 metres above the ground. It should not be mounted near or pointing at air conditioning vents, near heating flues or above radiators, or aimed at the road where passing cars may activate it.

**Please note this PIR light will only operate in darkness and therefore can only be tested in a darkened room.**

Note: the light detection pattern may vary with climatic conditions. Sporadic activation is also possible due to large electrical supply fluctuations or poor electrical connections in the premises.

## Operation

- 1 Set the switch to ON. The lamp should light up.
- 2 Set the switch to Auto. The lamp will function if:
  1. It is after dusk.
  2. There is a moving heat source in the area (body heat).

### 1 Warm-up Period:

The lamp will light for around 40 seconds while the PIR sensor stabilises. It will then turn off waiting for the first detection.

### 2 First Entry:

The lamp will light when a moving heat source enters the detection area. It remains on as long as there is a moving heat source present.

### 3 Switch-off Delay:

When the heat source leaves the detection area the unit will automatically shut off after 20 seconds.

### 4 Reset:

The unit is immediately ready to detect again.

### 5 Second Entry:

The lamp will light again when a moving heat source enters the detection area. It remains on as long as a heat source is moving, turning off 20 seconds after the last detection.

## *Specifications*

Area of Coverage:	6m x 90° wide (fan shaped) at 20°C. High temperature environment may decrease the detection range.
Detection Method:	Passive Infra-Red (PIR) sensor detects moving thermal radiation
Battery Type:	4 x AA alkaline (not included)
Battery Life:	1 month (on the basis of 8 x 20 second detections per day)
Power Consumption:	0.015 watts with light off. 3 watts with light on.
Output:	Bulb (krypton) 4.8V, 0.5A, MES (Spare bulb included in pack)
AC Mains Adaptor: (not included)	6V DC, 600mA or above (female centre negative)
Reset Time:	Instant

Built-in photocell keeps the unit off in daylight hours.

**Housing designed for indoor use only.**

### *3 Year Guarantee*

In the unlikely event of this product becoming faulty due to defective material or manufacture within 3 years of the date of purchase, please return it to your supplier in the first year with proof of purchase and it will be replaced free of charge.

For the second and third years or any difficulty in the first year telephone the helpline on 020 8450 0515.

HELPLINE  
**020-8450-0515**



For a product brochure please contact:

**Timeguard Ltd.**

Victory Park, 400 Edgware Road,  
London NW2 6ND

**020-8452-1112**

or email [csc@timeguard.com](mailto:csc@timeguard.com)