







## 1. About this document

### Please read carefully and keep in a safe place.

- Under copyright. Reproduction either in whole or in part only with our consent.
- Subject to change in the interest of technical progress.

### Symbols



Hazard warning!



Reference to other information in the document.

## 2. General safety precautions



Disconnect the power supply before performing any work on the unit.

- During installation, the electric power cable being connected must not be live. Therefore, switch off the power first and use a voltage tester to make sure the wiring is off-circuit.
- Installing the sensor-switched light involves work on the mains voltage supply. This work must therefore be carried out professionally in accordance with national wiring regulations and electrical operating conditions. (e.g.: DE - VDE 0100, AT - ÖVE-EN 1, CH - SEV 1000)

## 3. L 115 S

### Proper use

– Sensor-switched light with replaceable lamp for mounting on indoor and outdoor walls

The integrated infrared sensor detects the invisible heat radiated from moving objects (people, animals, etc.). The heat detected in this way is converted electronically into a signal that switches the light ON automatically. Heat radiation is not detected through obstacles, such as walls or panes of glass - the sensor is not triggered.

### Important:

The most reliable way of detecting motion is to install the sensor-switched light with the sensor aimed across the direction in which a person would walk and by ensuring that no obstacles (such as trees and walls, for example) obstruct the line of sensor vision.

Package contents (Fig. 3.1)

Product dimensions (Fig. 3.2)

Product components (Fig. 3.3)

- A Retaining screw
- B Mains power supply
- C Wall mount
- D Retaining screws
- E Glass shade
- F Twilight setting
- G Switch-off delay
- H Brightness control
- I Sensor lens
- J Cover

## 4. Electrical installation

The mains supply lead is a 2 to 3-core cable:

- L = phase conductor (usually black or brown)
- N = neutral conductor (usually blue)
- PE = protective-earth conductor (green/yellow)

### Important:

If you are in any doubt, identify the conductors using a voltage tester; then disconnect from the power supply again. Connect the phase conductor (L) and neutral conductor (N) to the clamp-type terminal. The protective earth conductor may be sealed off with insulation tape.

### Note:

A mains switch for switching the unit ON and OFF may of course be installed in the mains supply lead. A mains switch is required for the manual override function (see Manual override function).

## 5. Mounting

- Check all components for damage.
- Do not use the product if it is damaged.
- Select an appropriate mounting location, taking the reach and motion detection into consideration. (Fig. 5.1)
- Reach for lateral movement (Fig. 5.2)
- Reach for movement towards the sensor (Fig. 5.3)

### Mounting procedure

- Undo retaining screw, detach enclosure from wall mount. (Fig. 5.4)
- Switch OFF power supply (Fig. 5.5)
- Mark drill holes (Fig. 5.5)
- Drill holes and insert wall plugs (Fig. 5.6 / 5.7)
- Fit sealing plug (Fig. 5.6 / 5.7)
  - Power supply lead, concealed (Fig. 5.6)
  - Power supply lead, surface-mounted (Fig. 5.7)
- Connect conductors (Fig. 5.8)
- Connect plug-in terminal (Fig. 5.9)
- Fit enclosure onto wall mount and screw in retaining screw (Fig. 5.9)
- Fit glass shade and screw in retaining screws (Fig. 5.10)
- Switch ON power supply (Fig. 5.10)
- Make settings → "6. Functions"

## 6. Functions

Once you have installed the wall mount, connected the sensor-switched light to the power supply and fitted the sensor lens, you can put the sensor-switched light into operation. Setting controls can be used for selecting three settings. The light enters programming mode as soon as the setting control is altered.

### Function - control dials (Fig. 6.1)

#### Factory settings:

Time setting:	10 seconds
Twilight level:	1000 lux
Night-light function:	OFF

The settings may be altered as often as you wish. The last setting made will remain stored in the memory in the event of a power failure.

- To do this, detach cover (Fig. 6.1 J)

### Time setting (Fig. 6.1 K)

The light's ON time can be set to any period from approx. 5 seconds to a maximum of 15 minutes.

- Setting control turned fully clockwise selects the shortest time (approx. 5 seconds).
- Setting control turned fully anti-clockwise selects longest time (approx. 15 minutes).

### Note:

Select the shortest time setting to adjust the detection zone and perform the function test.

### Twilight setting (Fig. 6.1 L)

The chosen light threshold can be adjusted continuously from approx. 2 lux to 1000 lux.

- Setting control turned fully clockwise selects daylight operation (approx. 1000 lux).
- Setting control turned fully anti-clockwise selects twilight mode (approx. 2 lux).

The setting control must be turned fully clockwise when setting the sensor-switched light for the detection zone and performing the function test in daylight.

### Night-light function (Fig. 6.1 M)

The following functions can be controlled using the dimmer control:

- Setting control dial turned clockwise switches OFF the sensor-switched light. Light is switched to maximum output when movement is identified in the detection zone.
- Turning the setting control from mid-setting to fully anti-clockwise adjusts light output to any lighting level from approx. 10% to 50% as night light.

### Note:

Night-light function only with dimmable lamps

### This means

light is only switched to maximum output (100%) from night light level (e.g. 50%) when movement is identified in the detection zone.

- Brightness setting control fully anti-clockwise and twilight setting control set to fully clockwise:

In this setting, the sensor-switched light works in override mode (light permanently ON).

### Manual override function (Fig. 6.2)

If a mains switch is installed in the mains supply lead, the following functions are available in addition to simply switching light ON and OFF:

#### Sensor operation mode

##### 1) Switch light ON

switch OFF and ON once.  
Light stays ON for the period selected.

##### 2) Switch light OFF

switch OFF and ON once.  
Light goes out or switches to sensor operation.

#### Manual override

##### 1) Activate manual override:

Switch OFF and ON twice. The light is set to stay ON for 4 hours (red LED lights up behind the lens). Then it returns automatically to sensor operation (red LED off).

##### 2) Deactivate manual override:

Switch OFF and ON once. Light goes out or switches to sensor operation.

#### Important:

The switch must be actuated in rapid succession (in the 0.5 - 1-second range).

#### Soft light start

The sensor-switched light features a soft light start function. This means that when switched on, the light does not switch directly to maximum output but gradually builds up brightness to 100% within the space of a second. Brightness is also gradually reduced when the light is switched OFF.

### 7. Precision adjustment using shrouds

Shrouds may be used to define the detection zone exactly as you require in order, for example, to mask out neighbouring premises or specifically target paths. The shrouds can be divided or cut with a pair of scissors along the vertical and horizontal grooves.

The shrouds can be then clipped into the top channel around the centre of the lens. They are fixed in place by fitting the cover. (Fig. 7.1)

- Sensor angle of coverage and reach without shrouds (Fig. 7.2)
- Examples showing how to use shrouds for reducing the angle of coverage and reach (Fig. 7.3-7.4)

### 8. Operation/maintenance

The sensor-switched light is suitable for switching ON light automatically. Weather conditions may affect the way the sensor-switched light performs. Strong gusts of wind, snow, rain or hail may cause the light to come ON when it is not wanted because the sensor is unable to distinguish sudden changes of temperature from sources of heat. The detector lens may be cleaned with a damp cloth if it becomes dirty (do not use cleaning agents).

### 9. Disposal

Electrical and electronic equipment, accessories and packaging must be recycled in an environmentally compatible manner.



Do not dispose of electrical and electronic equipment as domestic waste.

#### EU countries only:

Under the current European Directive on Waste Electrical and Electronic Equipment and its implementation in national law, electrical and electronic equipment no longer suitable for use must be collected separately and recycled in an environmentally compatible manner.

### 10. Manufacturer's Warranty

This STEINEL product has been manufactured with the utmost care, tested for proper operation and safety and then subjected to random sample inspection. Steinel guarantees that it is in perfect condition and proper working order. The warranty period is 36 months and starts on the date of sale to the consumer. We will remedy defects caused by material flaws or manufacturing faults. The warranty will be met by repair or replacement of defective parts at our own discretion. The warranty shall not cover damage to wear parts, damage or defects caused by improper treatment or maintenance. Further consequential damage to other objects shall be excluded.

Claims under the warranty will only be accepted if the unit is sent fully assembled and well-packed with a brief description of the fault, a receipt or invoice (date of purchase and dealer's stamp) to the appropriate Service Centre.

#### Repair service:

If defects occur outside the warranty period or are not covered by the warranty, ask your nearest service station for the possibility of repair.

**3 YEAR**  
MANUFACTURER'S  
WARRANTY

### 11. Technical specifications

Dimensions (H x W x D)	330 x 215 x 257 mm
Power supply	220 - 240 V, 50 / 60 Hz
Output	max. 60 watts
Power consumption	0,7 W
Angle of coverage	240° (with 120° angle of aperture)
Sensor reach:	max. 12 m (factory setting) + precision adjustment from 1-12 m using clip-on shrouds
Time setting	5 s - 15 min
Twilight setting	2 - 1000 lux
Night light	0 - 50% (dimnable)
Manual override (permanent light)	selectable (4 hrs) Condition: switch connected in mains power supply lead
IP rating	IP 44
Protection class	II
Temperature range	- 20°C to + 50°C

## 12. Troubleshooting

Malfunction	Cause	Remedy
Sensor-switched light without power	<ul style="list-style-type: none"> <li>■ Fuse has tripped, not switched ON, break in wiring</li> <li>■ Short circuit</li> </ul>	<ul style="list-style-type: none"> <li>■ Activate, change fuse, turn ON power switch, check wiring with voltage tester</li> <li>■ Check connections</li> </ul>
Sensor-switched light will not switch ON	<ul style="list-style-type: none"> <li>■ Twilight setting set to night-time mode during daytime operation</li> <li>■ Bulb faulty</li> <li>■ Mains power switch OFF</li> <li>■ Fuse has tripped</li> <li>■ Detection zone not properly targeted</li> <li>■ Internal electrical fuse has been activated (LED on all the time)</li> </ul>	<ul style="list-style-type: none"> <li>■ Adjust setting</li> <li>■ Change bulb</li> <li>■ Switch ON</li> <li>■ Activate, change fuse, check connection if necessary</li> <li>■ Readjust</li> <li>■ Switch sensor-switched light OFF and back ON again after 5 sec</li> </ul>
Sensor-switched light will not switch OFF	<ul style="list-style-type: none"> <li>■ Continuous movement in the detection zone</li> </ul>	<ul style="list-style-type: none"> <li>■ Check detection zone and readjust if necessary</li> </ul>
Sensor-switched light switching ON when it should not	<ul style="list-style-type: none"> <li>■ Wind is moving trees and bushes in the detection zone</li> <li>■ Cars in the street are being detected</li> <li>■ Sunlight is shining on the lens</li> <li>■ Sudden temperature changes due to weather (wind, rain, snow) or air expelled from fans, open windows</li> </ul>	<ul style="list-style-type: none"> <li>■ Change detection zone</li> <li>■ Change detection zone</li> <li>■ Mount sensor in a sheltered place or change detection zone</li> <li>■ Change detection zone, mount in a different place</li> </ul>
Change in sensor-switched light reach	<ul style="list-style-type: none"> <li>■ Differing ambient temperatures</li> </ul>	<ul style="list-style-type: none"> <li>■ Use shrouds to define sensor-switched light's detection zone</li> </ul>
LED on all the time although manual override is not selected	<ul style="list-style-type: none"> <li>■ Internal fuse activated</li> </ul>	<ul style="list-style-type: none"> <li>■ Switch sensor-switched light OFF and back ON again after 5 sec</li> </ul>
LED flickering	<ul style="list-style-type: none"> <li>■ Lamp cannot be dimmed</li> </ul>	<ul style="list-style-type: none"> <li>■ Change lamp</li> <li>■ Switch OFF night-light function</li> </ul>

## FR

### 1. À propos de ce document

**Veillez le lire attentivement et le conserver en lieu sûr !**

- Il est protégé par la loi sur les droits d'auteur. Une réimpression même partielle n'est autorisée qu'après notre accord préalable.
- Sous réserve de modifications techniques.

#### Explication des symboles



**Attention danger !**



**Renvoi à des passages dans le document.**

### 2. Consignes de sécurité générales



**Avant toute intervention sur l'appareil, couper l'alimentation électrique !**

- Pendant le montage, les conducteurs à raccorder doivent être hors tension. Il faut donc d'abord couper le courant et s'assurer de l'absence de courant à l'aide d'un testeur de tension.
- L'installation de l'applicque à détection implique une intervention sur le réseau électrique et doit donc être effectuée correctement et conformément à la norme NF C-15100. (par ex. **DE**-VDE 0100, **AT**-ÖVE-EN 1, **CH**-SEV 1000)

### 3. L 115 S

#### Utilisation conforme aux prescriptions

- Applique à détection à source interchangeable pour le montage mural à l'intérieur et à l'extérieur

Le détecteur infrarouge intégré détecte le rayonnement de chaleur invisible émis par les corps en mouvement (personnes, animaux, etc.). Ce rayonnement de chaleur capté est ensuite traité par un système électronique qui met en marche l'applicque. Les obstacles comme les murs ou les vitres s'opposent à la détection du rayonnement de chaleur et empêchent toute commutation.

#### Important :

La détection des mouvements est la plus fiable lorsque l'applicque à détection est montée perpendiculairement au sens de passage et qu'aucun obstacle (arbre, mur, etc.) n'obstrue le champ de visée du détecteur.

Contenu de la livraison **(fig. 3.1)**

Dimensions du produit **(fig. 3.2)**

Vue d'ensemble de l'appareil **(fig. 3.3)**

**A** Vis de blocage

**B** Alimentation électrique

**C** Support mural

**D** Vis de blocage

**E** Verrine

**F** Réglage de la luminosité de déclenchement

**G** Temporisation de l'extinction

**H** Réglage de la luminosité

**I** Lentille du détecteur

**J** Cache

### 4. Installation électrique

La conduite secteur est composée d'un câble à 2-3 conducteurs :

**L** = phase (généralement noir ou marron)

**N** = neutre (généralement bleu)

**PE** = conducteur de terre (vert/jaune)

#### Important :

En cas de doute, il faut identifier les câbles avec un testeur de tension, puis les remettre hors tension. Raccorder la phase (**L**) et le neutre (**N**) au domino. Le conducteur de terre peut être protégé par un ruban isolant.

#### Remarque :

Il est bien sûr possible de monter un interrupteur secteur sur le câble d'alimentation secteur permettant la mise en ou hors circuit de l'appareil. Ceci est indispensable pour la marche forcée (**voir le chapitre Marche forcée**).

### 5. Montage

- Contrôler l'absence de dommages sur toutes les pièces.
- Ne pas mettre le produit en service en cas de dommage.
- Choisir l'emplacement de montage approprié en tenant compte de la portée et de la détection des mouvements. **(fig. 5.1)**