Safety warnings

- Disconnect the power supply before attempting any work on the unit.
- During installation, the electrical wiring being connected must be dead. Therefore, switch off the power first and use a voltage tester to make sure the wiring is off circuit.
- Installing the SensorLight involves work on the mains voltage supply. This work must therefore be carried out professionally in accordance with applicable national wiring regulations and electrical operating conditions. (Ⓓ- VDE 0100, Ⓐ- ÖVE / ÖNORM E8001-1, ⓒⓗ- SEV 1000)
- Only use genuine replacement parts.
- Repairs must only be made by specialist workshops.
- Disconnect the power supply free before changing the lamp.

Installation

Connecting the mains power supply lead (see Fig.). The mains lead consists of a 3 phase cable.
L = phase conductor (usually black or brown)
N = neutral conductor (usually blue)
PE = protective-earth conductor (green/yellow) ⏚

If you are in any doubt, identify the conductors using a voltage tester; then switch 'OFF' the power again. Connect the phase conductor **(L)** and neutral conductor **(N)** to the terminal block. The protective earth conductor may be sealed off with insulation tape.

Important: Reversing the connections will result in a short-circuit in the light unit or in your fuse box later on. In this case, you must identify the individual conductors once again and re-connect them. A mains switch for switching the unit 'ON' and 'OFF' may of course be installed in the mains power supply lead.

Installation

Important: Make sure the installation site is not subject to vibration.

Connecting a dimmer will result in damage to the SensorLight.

Connection of an additional load
An additional load can be connected to the SensorLight, switched by the electronics. The RS PRO DL 100 SLAVE model, which provides a matching look and offers additional functions, was developed for this purpose. Screw the live conductor to the load into the terminal marked **L'** on the SensorLight. First remove the protective cap with a pair of pliers. The cables must also be fitted with the heat-resistant wire insulator. Clamp the neutral conductor in the terminal marked **N** together with the neutral conductor of the mains power supply lead. If the connected load requires a protective earth conductor, this is to be connected with a "loose terminal". Please observe the connection diagrams with regard to use of the accessory modules.

Functions

After the wall ceiling holder ① has been installed and the mains connection has been made, the SensorLight can be used for the first time. When putting the light into operation manually at the light switch, it will switch 'OFF' after 10 sec. for the calibration phase and is then activated for sensor mode. It is not necessary to operate the light switch a second time.

Technical specifications

	RS PRO DL 100 sensor/slave
Wattage:	2 x 18 W (TC-DEL), plus an additional load of no more than 800 W (resistive load) or a max.of 4 x RS PRO DL 100 SLAVE
Temperature range:	-10° C to +50° C
Connection:	230 – 240 V/50 Hz
Installation site:	indoors, suspended ceilings
HF-system *:	5.8 GHz CW radar, ISM band
Transmitter output *:	approx. 1 mW
Detection *:	360°, 160° angle of aperture, if necessary through glass, wood and stud walls
Reach *:	2 – 8 m all round, by remote control
Time setting *:	1 min. – 1 h by remote control
Twilight setting *:	2 – 2000 lux, by remote control
Manual override *:	selectable (4 hrs.) By means of a switch connected in the mains supply lead or by remote control
Enclosure:	IP 20
Protection class:	II
Power consumption *:	approx. 0.9 W

* only applies to RS PRO DL 100 sensor

Functions / Remote control ⑤

Important: All functions can only be changed by remote control (prod. no. EAN 4007841 003043). Once the light has been installed, the best distance for setting functions is within a radius of approx. 1 m vertically below the sensor unit. The LED ④ flashes red to indicate that the function has been set.

Reach setting
1 Reach can be set from a minimum of 1 m, 1/3, 2/3 to a maximum of 8 m by pressing these buttons.

Twilight setting
2 Pressing these buttons sets the chosen response threshold from a minimum of 2 lux, 100 lux, 150 lux, 200 lux, 300 lux, 500 lux to a maximum of 2000 lux.
3 Twilight setting using the memory button / Teach mode. This button must be pressed at the level of light at which you want the sensor to respond to movement from now on. The current twilight value is saved.

Manual override
4 Pressing this button switches the light 'ON' for 4 hours. The light then returns to sensor mode automatically.

Time setting
5 The period of time you want the light to stay 'ON' for after last detecting movement can be set from between 5 min., 15 min., 30 min. and 1 h by pressing these buttons.
6 Setting the light to stay 'ON' for a time of your own choice. Each press of the button increments the chosen time setting by 1 minute.
7 Install mode. The light switches 'ON' for 3 sec. as soon as movement is detected. This avoids unnecessary waiting times when making settings. As the lamps are subject to heavy wear in this mode, it is automatically terminated after 10 min. The light then stays 'ON' for the minimum time (1 min.). Attention: Teach mode and Install mode cannot be used at one and the same time.

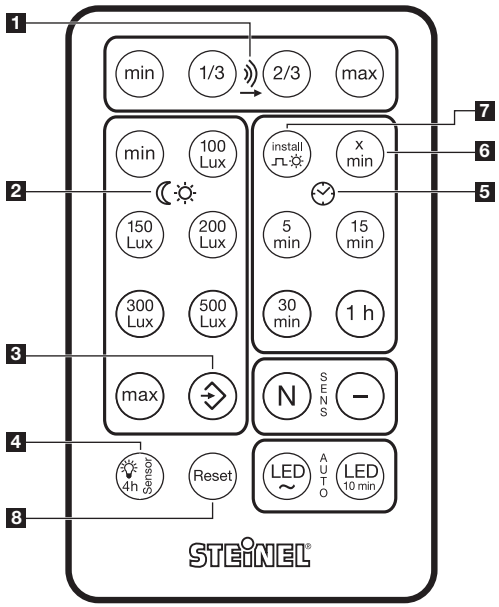
Reset
8 Resets all settings to the values selected on the light manually or to the factory settings.

Manual override ⑥

If a mains switch is installed in the mains supply lead, the following functions are provided in addition:

Manual override
1) Activate manual override:
Turn switch 'OFF' and 'ON' two times. The light is set to manual override for 4 hours.
2) Deactivate manual override:
Switch 'OFF' and 'ON' once. The light goes out or switches to sensor mode.

Important:
The switch should be actuated in rapid succession (in the 0.5 –1 sec. range).



* only applies to RS PRO DL 100 sensor