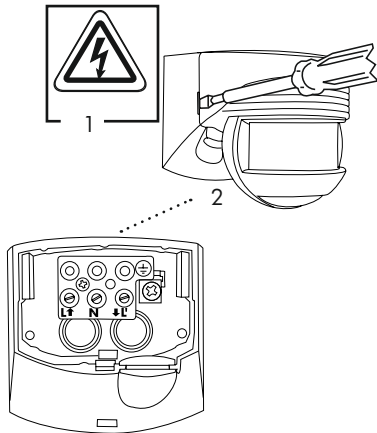


## Installation and Operation Instruction motion detector B.E.G. – LUXOMAT® LC-Click-N 140 and LC-Click-N 200

### 1. Mounting preparations



1) **Caution:** have all work involving the 110-240 V mains supply carried out by a qualified electrician! Before starting disconnect the mains! Please be aware, that the LUXOMAT® LC-Click-N 140/200 is not suitable as an intrusion detector, since it is not equipped with a tamper contact.

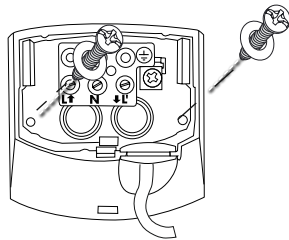
2) Socket base corner mounting

The device is not suited for safe disconnection of the mains supply.

**Important:** The LUXOMAT® LC-Click-N 140/200 has to be mounted in such a way, that the adjusting elements / rotary regulators are always pointed downward.

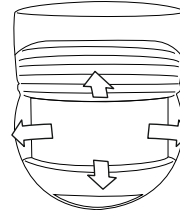
**Caution:** Do not connect more than 2 LUXOMAT® LC-Click-N in one circuit, to avoid any erroneous switching.

### 2. Wall mounting



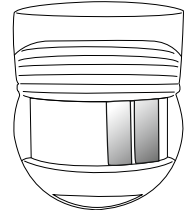
Mount the plug-in socket with two screws and the enclosed seal rings on a firm base. (Pay attention to inserting of the connection cable, see point 3)

### 4. Sensor head optics



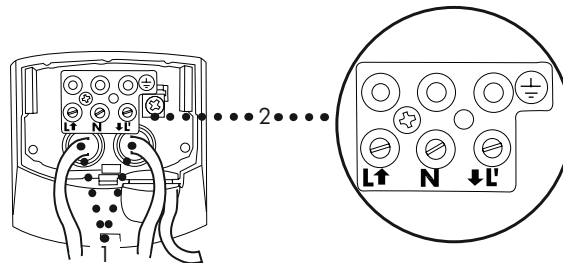
By swinging the sensor head horizontally (ca. 90°) and vertically (ca. 85°) detection area can be changed.

### 5. Exclude sources of interference



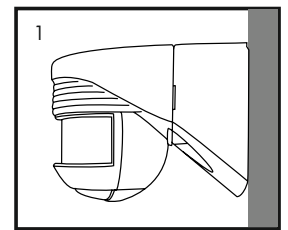
If necessary, the lens segment(s) corresponds to unwanted detection zones may be masked with the enclosed covers to reduce the field of vision.

### 3. Inserting of the connection cable



1) Cable entry points  
2) Terminal markings

### 6. Mounting types

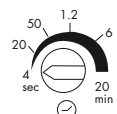
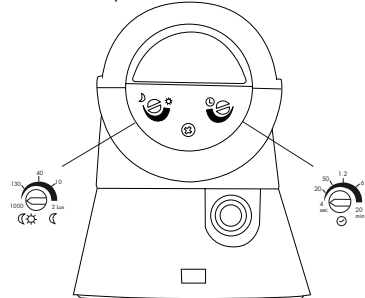
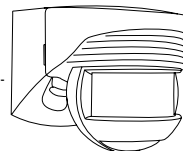


1) Wall mounting

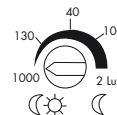
### 7. Putting into operation / Settings

#### Self test cycle

After mounting and connecting the 230 VAC supply voltage, the LC-Click-N 140/200 runs a self testing unit. Then the unit is ready for operation and the settings can be made manually or with remote control.

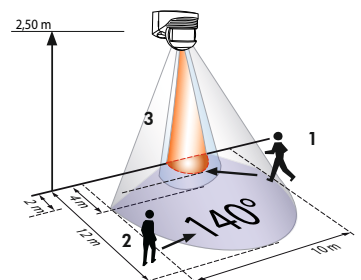


**Follow-up time**  
4 sec. ... 20 min.

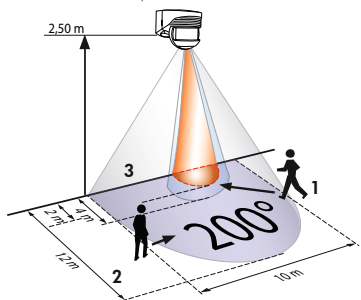


**Lux value**  
Night operation...Dusk...Day operation  
(Day operation: light sensor inactive, switching at any brightness value)

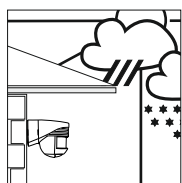
### 8. Range of Coverage



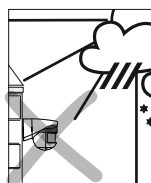
1 Walking Towards  
2 Walking across  
3 Anti-creep



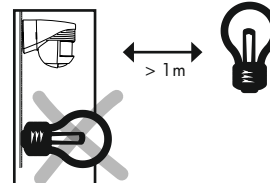
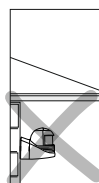
1 Walking Towards  
2 Walking across  
3 Anti-creep



1) If possible mount unit on a safe place (wall or ceiling mount)



2) Influence of weather reduces the lifetime of the unit. Please take care to mount correctly.

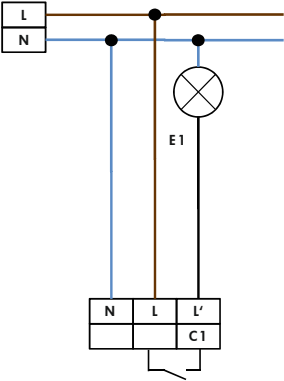


3) Minimum distance to switched lighting, frontally or laterally to device: 1 m

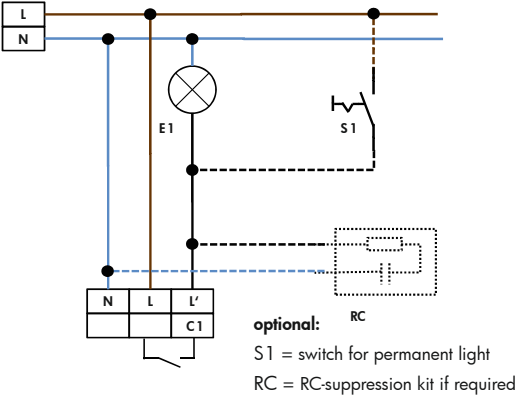
4) Never mount the connected lights below the motion detector!

9. Wiring diagrams

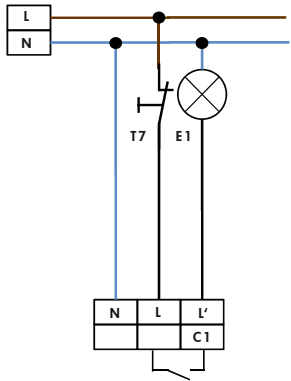
Standard mode with 1-channel motion detector



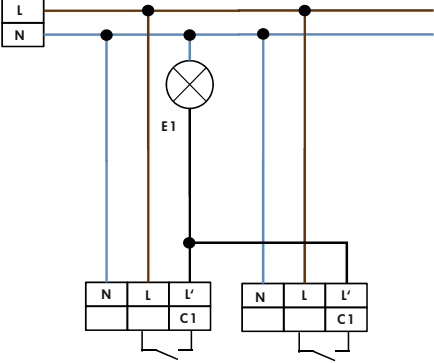
Standard mode with 1-channel motion detector with permanent light function



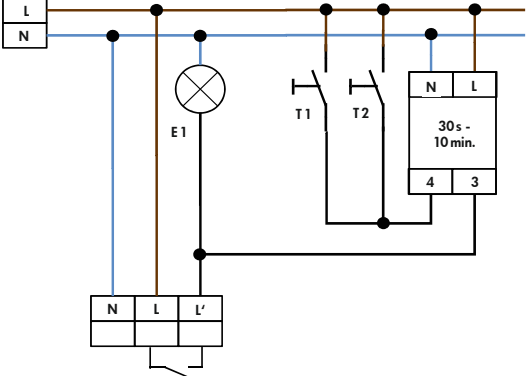
Standard mode with 1-channel motion detector with NC pushbutton



Parallel connection with 1-channel motion detectors max. 2 parallel

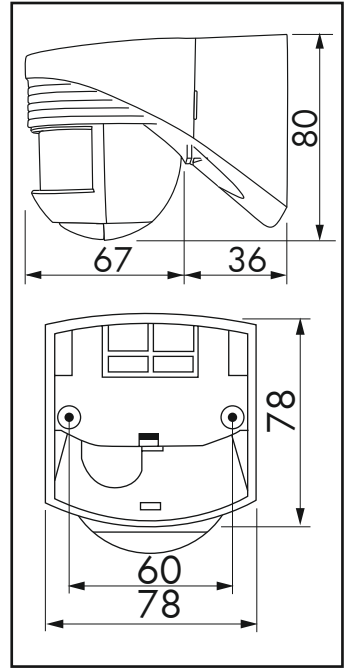


Standard mode with 1-channel motion detector (e.g. stairs)



T1 = NC button  
Manual switching additionally possible (press opener approx. 2 sec.).

10. Dimensions (mm)



11. Trouble Shooting-Practical hints

- 1. Lamp does not light up**  
**Cause - Action**  
Lamp is defective  
- Replace light bulb.  
No mains connection  
- Check mains fuse.  
Switching threshold of the twilight switch is not correct  
- Accordingly adjust sensitivity of twilight switch via the setting dial.  
Detection area not set correctly  
Set detection area correctly.  
Unit mounted too high  
- Mount at recommended height (2.50 m)  
PIR detector lens obstructed by dirt or other objects  
- Clean lens or remove objects
- 2. Delayed lamp activation**  
Mounted too high  
- Mount at height stated in specification (2.5 m)  
Only direct in-line approach of detector is possible  
- Mount detector in such a way that a sideways approach is also detected.
- 3. Lamp stays on continuously**  
Continuous thermal movement within detection area  
- Remove the heat source out of the detection area.  
Check the correct functioning of the detector in fully covering the lens (lights should go out after a certain time-delay).  
Motion detector is switched parallel to a switch that enables direct manual switching on  
- Mind the correct connection of the switch.
- 4. Light source remains on for long periods when no persons are present**  
Permanent influence from heat sources within detection area (trees, shrubs when blown by the wind, presence of animals like cats and dogs in the detection area)  
- Reduce detection area of the detector in turning the detector head downward or cover parts using the enclosed covers.  
Direct sunlight radiation into detector lens  
- Shelter lens from direct sunlight.  
Detector mounted above extractor fan  
- Change mounting place of the detector.
- 5. Limitation of range (not up to the minimum specification)**  
Mounting height is not optimal  
- Accordingly change mounting height (2.50 m). Persons only move directly towards the detector  
- Mount detector in such a way that a sideways approach is also detected.  
Steep terrains  
- Adjust spherical head accordingly.
- 6. No reaction to vehicles**  
Vehicle not warmed up  
Vehicle is well insulated (by silencing equipment)

12. Technical data

- Power supply:** 110 - 240VAC, 50/60Hz
- Detection area:** LC-Click-N 140 140°  
LC-Click-N 200 200°  
and 360° anti-creep protection
- Range of coverage in m:** max. 12 m when walking across (tangential)
- Degree of protection/class:** IP 54 / Class II / CE
- Dimension:** L 103 x B 78 x H 80 mm
- Ambiente temperature:** -25°C to +50°C
- Package:** Housing UV- and shock-resistant Polycarbonate
- Chanel 1 for light control**
- Contact load:** 1000W, cosφ = 1, µ-Contact
- Time-settings:** 4 s - 20 min.
- Brightness value:** 2 - 2000 Lux
- CE Declaration of Conformity:**  
The product complies with the low voltage recommendation 2006/95/EC/ and the EMV recommendation 2004/108/EC.

13. Article / Part nr. / Accessory

Article	Colour	Part.-nr.
LC-Click-N 140	white	91001
LC-Click-N 140	black	91021
LC-Click-N 140	brown	91011
LC-Click-N 200	white	91002
LC-Click-N 200	black	91022
LC-Click-N 200	brown	91012

Accessory:  
RC-Suppressor 10880