B.E.G. LUXOMAT® ALC-B-360 DECO SLS

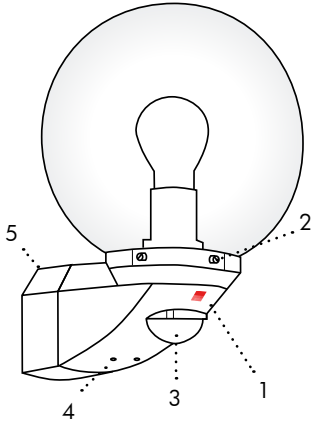## Installation and Operating Instruction for Automatic-system-light LUXOMAT® ALC-B-360 (DECO) SLS with motion detector

1. Assembly ALC-B-360 SLS

1) System light lower section can be freely combined with 17 different System-Globes SG
2) Socket ring with stud screws
3) Horizontally and vertically swivelling sensor head
4) Decorative LED secondary light (only ALC-B-360-DECO SLS) switchable by remote control
5) Plug-in connector base

2. Installation
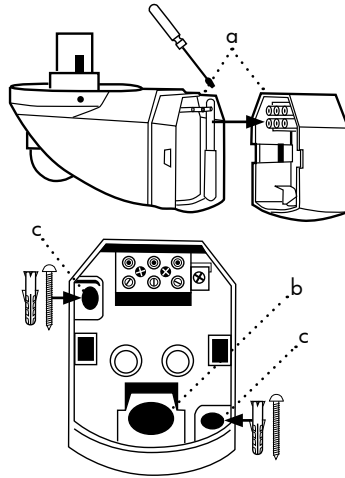
1) Detach lighting part from the base by means of a screwdriver (a)
2) Insert the cable, from the bottom (b) or from the back here
3) Connect the cables as indicated by the terminal labels (see point 13 for wiring diagrams)
4) Attach the assembly base with two screws (c)
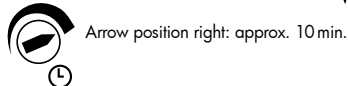5) Screw in incandescent lamp E27/100 W
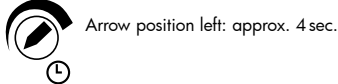6) Secure system glass to system light lower section (see point 3)
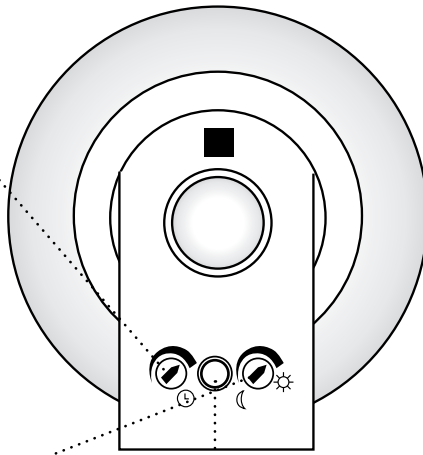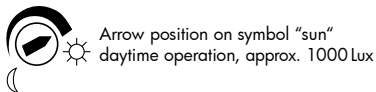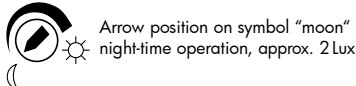
3. Attaching the system glass
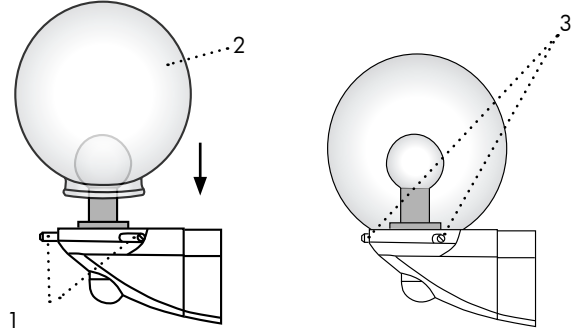
1) Un-fasten the stud screws (1)
2) Put system glass on socket ring (2)
3) Fasten the screws equally on all sides until the system-glass is firmly attached (3).

5. Mounting types

1) Wall mounting

2) Outside corner mounting with plug-in socket

4. Putting into operation / Settings

Twilight-switch for light control / follow-up time
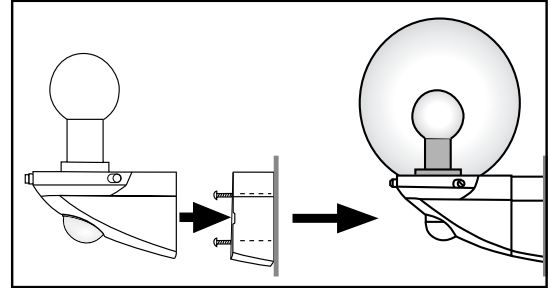Infinitely variable setting from approx. 4 sec. to approx. 10 min.

Arrow position left: approx. 4 sec.

Arrow position right: approx. 10 min.

Photo electric switch
Infinitely variable setting from approx. 2 to approx. 1000 Lux by turning.

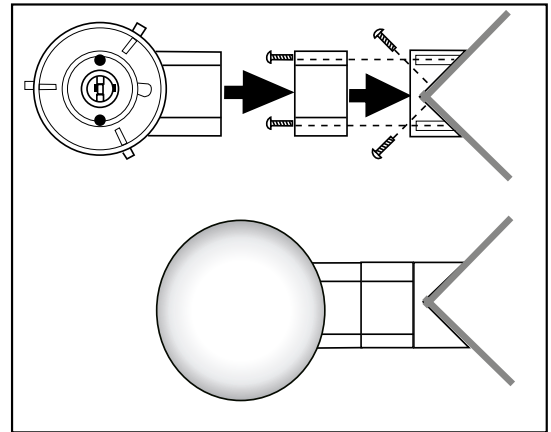Arrow position on symbol "moon" night-time operation, approx. 2 Lux

Arrow position on symbol "sun" daytime operation, approx. 1000 Lux

DECO (only ALC-B-360-DECO)
If below set light value (60 sec.), the LED will switch on.

6. Range control

Detection area can be adapted to the local circumstances by turning the round optics.

7. Sensitivity adjustment (mounting height 1.80 m)

1.80 m

120°

8 m
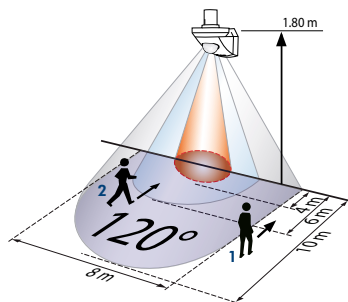
1 ☐ walking across

2 ☐ walking towards

☐ anti-creep

1) Range walking across: approx. 10 m
2) Range walking towards: approx. 8 m

8. Mounting place

1) If possible mount unit on a safe place.
2) Influence of weather reduces the lifetime of the unit. Please take care to mount correctly.

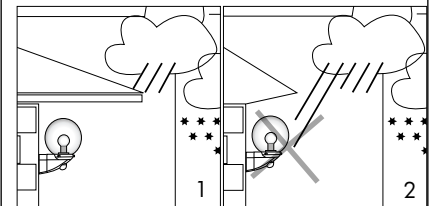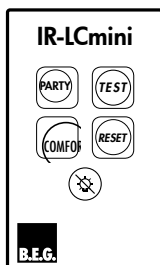## 9. Settings of remote control

IR-LCmini

[PARTY] [TEST]
[COMFOR] [RESET]
[☼]

B.E.G.

LUXOMAT® IR-LCmini (accessory, see point 16)

Caution: Settings with remote control subscribe the settings by courtesy of potentiometers (see point 4) (for description see point 10).

10. Functions of LUXOMAT® IR-LCmini

[TEST] Test operation
Switches the light ON/OFF when movement is detected.

[PARTY] Light ON for 12 h / Light OFF for 12 h
By pressing once the party button, the light is switched on for a period of 12 hours. By pressing the party button twice, the light remains switched off until the next evening (see point 11).

[☼] Light OFF
Switches the light ON again when movement is detected.

[COMFOR] Vacation- and comfort function
Switching ON/OFF
On: By achieving the Lux value 1 hour daylight independent of mouvements, then normal operation (switching time changeable, see point 14)

[RESET] Reset
Light OFF, then automatic mode

11. Activation "Light OFF"

Because of the sabotage protection the function "Light OFF" is deactivated in the factory. When required it must be activated again:

1. Mains to be disconnected
2. Mains to be connected - a self test cycle of 60 sec. starts (the LED is flashing, see point 5).
3. Activation/deactivation of the function "Light OFF" can be done only during the self testing cycle

[☼] For activation of the function „Light OFF" the button „Light OFF" must be pressed <u>during the self testing cycle</u> (the LED will flash quickly).

[RESET] For deactivation „Light OFF" the button „Reset" must be pressed <u>during the self testing cycle</u> (the LED will flash slowly).

Caution: The implementation of "Reset" with potentiometers or with remote control (see point 10) does not influence the activation/deactivation of the function "Light OFF".
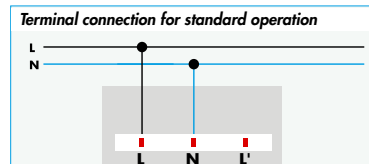
12. Vacation- and comfort function
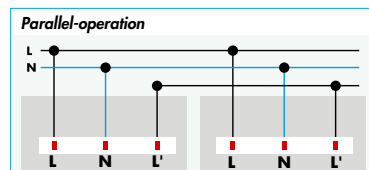
The duration of the on-period can be adjusted:

1. "Unlock" unit with remote control
2. The button "Comfort" to be operated. The LED flashes for 10 sec.
3. During these 10 seconds the duration of the light-on period can be selected: from e.g. 15 sec. = 15 min. up to 16 min. = 16 hrs
4. The unit to be locked with the button "Lock".
5. "Vacancy/Comfort" is activ now (deactivation see point 10)

Caution: If the "Vacation- and comfort function" is active or with lower deviation of the Lux value the LC-plus turns on the light again after a time delay of 60 sec.
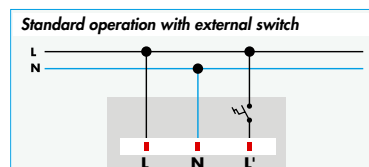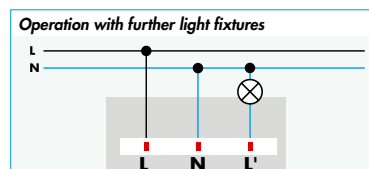
13. Wiring diagrams

Terminal connection for standard operation
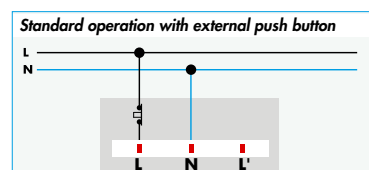
L
N

L N L'

Standby

Parallel-operation

L
N

L N L'   L N L'

Parallel switching of lamps.

Standard operation with external switch

L
N

L N L'

Standby
Switching is manually possible.

Operation with further light fixtures

L
N

L N L'

Additional connection of further light fixtures over contact L' is possible.

Standard operation with external push button

L
N

L N L'

Standby
additonally manual switching is possible (NC-contact to press for approx. 2 sec.).

⚡ **Caution: have all work involving the 230 V mains supply carried out by a qualified electrician! Before starting disconnect the mains!**

14. Technical data

Power supply: 230 V~ ±10 %
Range: approx. 10 m by 1.80 m mounting height
Lamps: E27/100 W
Total switching power: 200 W
Time settings: 4 sec. - approx. 10 min.
Light sensor: approx. 2 - 2000 Lux
Detection area: 360° vertical
120° horizontal
Degree of protection / class: IP44 / II
Dimensions: L 185 x W 107 x H 147 mm
Material: UV-stabilised Polycarbonate
Colours: white / black
Mounting types: wall mounting, outside corner mountable with plug-in socket (optional)
Inserting of the connection cable: from the bottom or from the back
Electrical adjustments: in traditional manner with potentiometers valid for follow-up time, light sensor

15. Dimensions (mm)

52
95
144   41

28
45
22
10   53   10
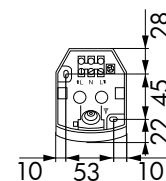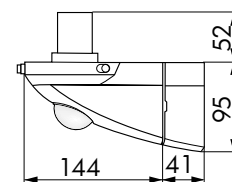
16. Article / Part nr. / Accessory

LUXOMAT® Automatic system lamp:

ALC-B-360 DECO SLS	white:	91351
	black:	91352
ALC-B-360 SLS	white:	91301
	black:	91321

Accessory (optional)

Remote control (only for ALC-B-DECO):
LUXOMAT® IR-LCmini   grey   92093

LUXOMAT® Socket base for outside corner mounting:

ALC-ES	white:	91305
ALC-ES	black:	91325

Option:
17 different System-Globes