# theLuxa S360 BK

## Item no.: 1010511

### Presence and motion detectors
### Ceiling installation outdoor

## Description

- Passive infra-red motion detector
- For outdoor use
- For installation on walls and ceilings
- 360° detection angle
- Sensor head can be turned by ± 90° horizontally, by 45° downwards and by 90° upwards
- Adjustable brightness switching value and switch-off delay
- Sensitivity can be reduced to limit detection area
- Area limit via lens attachment
- Mixed light measurement suitable for the control of fluorescent, incandescent, halogen lamps and LEDs
- Zero-cross switching for relay-saving switching and high lamp loads
- Teach-in of current brightness value possible
- Pulse function
- Test function for checking detection area
- Installation on flush-mounted socket possible (60 mm)
- Single-handed plug-in installation
- Instant start-up possible via factory preset
- Controls are place protected
- Terminal for protective earth conductor
- Corner angle included in delivery



## Technical data

| | theLuxa S360 BK |
|---|---|
| Operating voltage | 230 V AC |
| Frequency | 50 Hz |
| Stand-by consumption | ~0.5 W |
| Light measurement | Mixed light measurement |
| Number of channels | 1 |
| Colour | Black (similar RAL 9005) |
| Switching output | Light |
| Installation type | Wall and ceiling installation, Surface mounted |
| Switching capacity | 10 A at 230 V AC, cos φ = 1, 6 A at 230 V AC, cos φ = 0.6, 3 AX at 230 V AC, cos φ = 0.3 |
| Detection angle | 360° |
| Installation height | 2 - 4 m |
| Light switch-off delay | 1 s - 20 min |
| Incandescent/halogen lamp load | 2300 W |
| Fluorescent lamp load (conventional) not corrected | 2300 VA |

| | theLuxa S360 BK |
|---|---|
| Fluorescent lamp load (conventional) parallel-corrected | 1200 VA 120 µF |
| Fluorescent lamp load (conventional) series-corrected | 2300 VA |
| Fluorescent lamp load (electronic ballast) | 1000 W |
| Energy saving lamps | 250 W |
| Inrush current | max. 300 A / 200 µs |
| LED lamp < 2 W | 50 W |
| LED lamp 2-8 W | 500 W |
| LED lamp > 8 W | 500 W |
| Lamp types | Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs |
| Detection range | ø 32 m |
| Detection range | Round |
| Remote controlled | – |
| Ambient temperature | -25°C ... 45°C |
| Protection class | II |

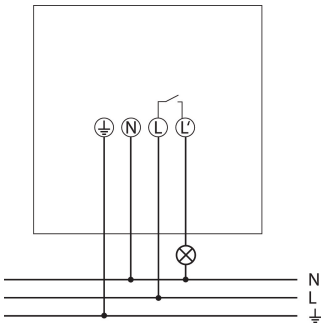
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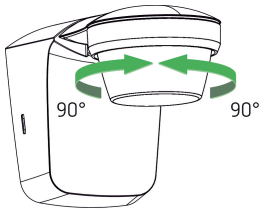
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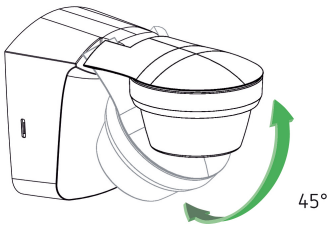
## Technical data

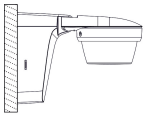
| | theLuxa S360 BK |
|---|---|
| Type of protection | IP 66 |
| GWP Cradle-to-Gate (A1-A3) | 6.69 kg $CO_2$ eq |
| GWP Cradle-to-Grave (A1-C4) | 23.22 kg $CO_2$ eq |

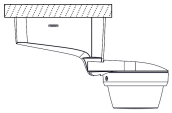
## Wiring Diagrams

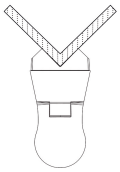


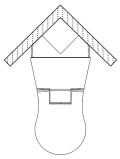



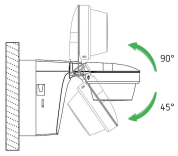











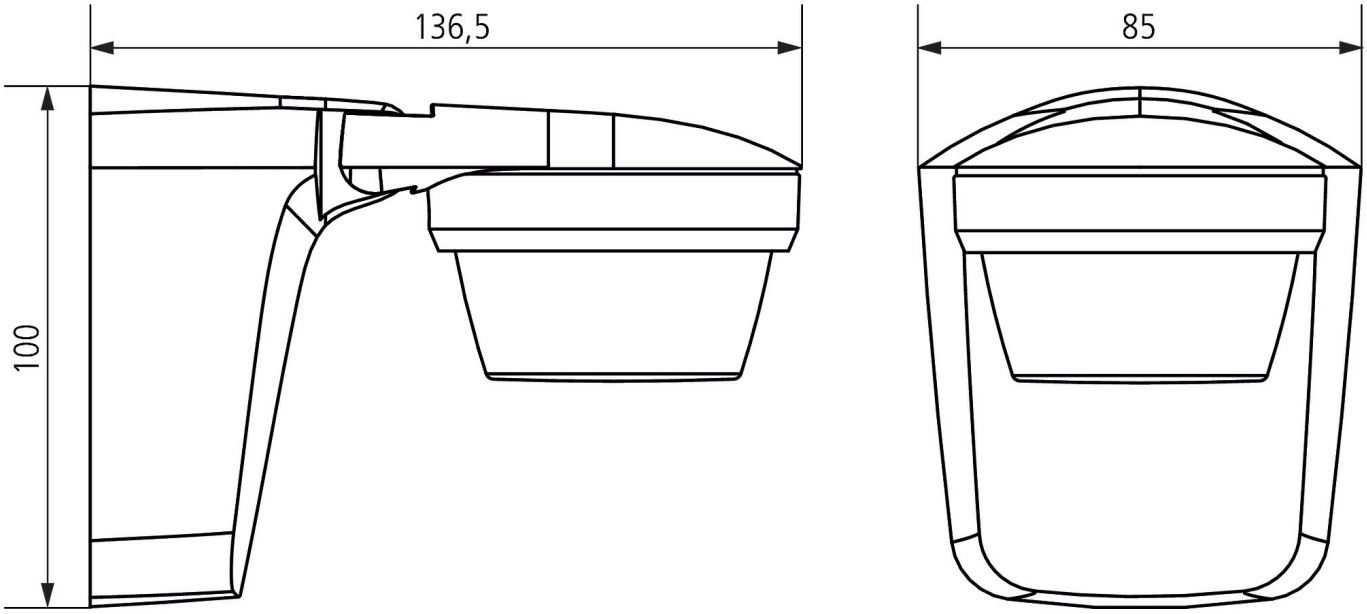

## Detection Area for planning applications at a temperature of 21 °C

| Mounting height (A) | Diagonally (t) | Head on to (R) | |
|---|---|---|---|
| 2 m | 15 m | 4 m | |
| 2.5 m | 16 m | 5 m | |
| 3 m | 16 m | 5 m | |
| 3.5 m | 10 m | 5 m | |
| 4 m | 8 m | 3 m | |

## Detection Area for planning applications at a temperature of 21 °C




## Scale Drawings



## Accessories

**Corner angle theLuxa S BK**
Item no.: 9070903



**Spacer theLuxa S BK**
Item no.: 9070907

