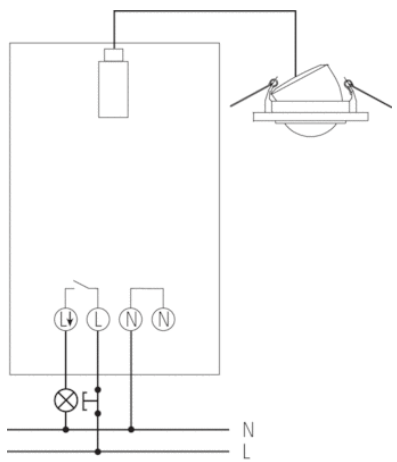| LUXA 103-360 | Article number: 1030010 |

## Description

- Motion detector (PIR)
- Automatic lighting control based on presence and brightness
- 1 channel
- Ceiling installation for suspended ceilings
- Mixed light measurement suitable for the control of fluorescent, incandescent and halogen lamps
- Zero-cross switching for relay-saving switching and high lamp loads
- Sensor head can be adjusted downwards by 45° in 15° stages thus allowing detection area to be changed to avoid switching the device on unnecessarily
- Ceiling cut-out of 65 – 68 mm diameter
- Easy installation via two clamping brackets
- System consists of power box and sensor with plugged connection cable
- Large clamping area for quick installation
- Single-handed plug-in installation with captive screws
- Instant start-up possible via factory preset
- No unintentional adjustment due to covered up controls
- Adjustable brightness switching value and switch-off delay
- Sensitivity can be reduced to limit detection area
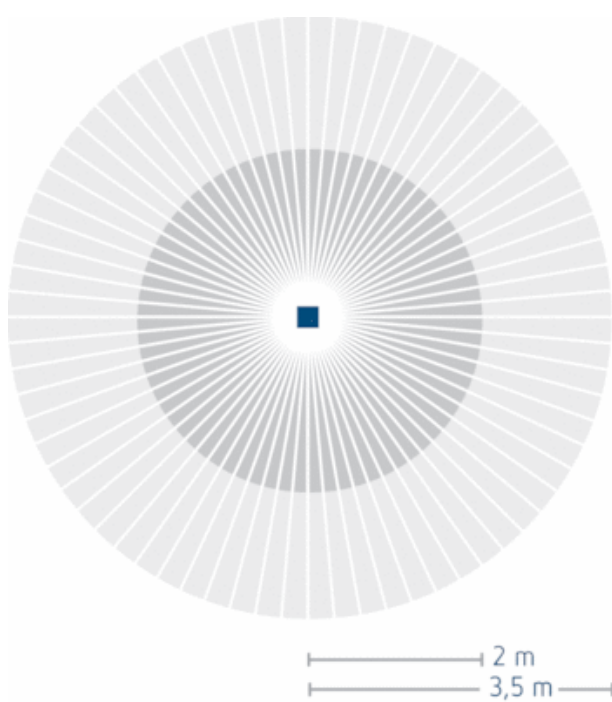- Pulse function
- Test function

## Technical data

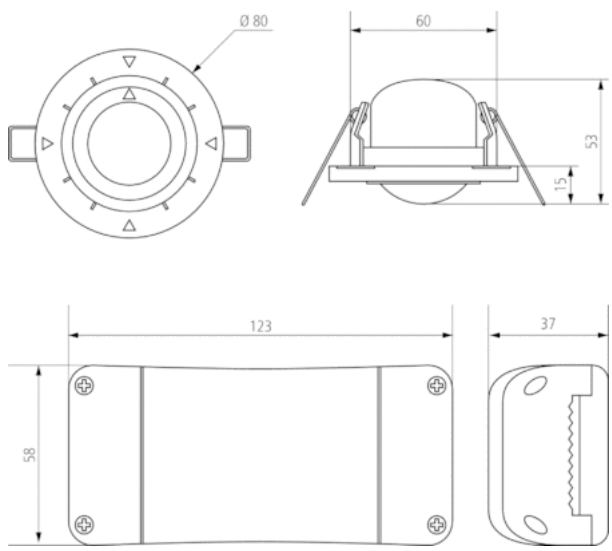| | |
|---|---|
| Operating voltage | 230 V AC |
| Frequency | 50 – 60 Hz |
| Stand-by consumption | ~0,9 W |
| Light measurement | Mixed light measurement |
| Number of channels | 1 |
| Type of contact | NO contact |
| Installation type | Ceiling mounting |
| Setting range brightness | 10 – 2000 lx Infinitely adjustable |
| Switching capacity light | 10 A (at 230 V AC, cos φ = 1), 3 AX (at 230 V AC, cos φ = 0.3) |
| Detection angle | 360° |
| Installation height | 2 – 3 m |
| Light switch-off delay | 5 s–20 min |
| Incandescent lamp load | 1000 W |
| Fluorescent lamp load (conventional) parallel-corrected | 400 VA 42 µF |
| LED lamp < 2 W | 25 W |
| LED lamp 2-8 W | 90 W |
| LED lamp > 8 W | 100 W |
| Lamps | Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs |
| Ambient temperature | +0 °C … +45 °C |
| Protection class | II |
| Type of protection | IP 41 (Sensor), IP 20 (power module) |

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## Connection example



## Detection range

| Mounting height (A) | Head on to (r) | Diagonally (t) |
|---|---|---|
| 2,5 m | 4 m | 7 m |



⊢——— 2 m
⊢——— 3,5 m ——⊣

## Scale drawings

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## Accessories

RC filter

- Article number: 9070523
   **Details ▸ www.theben.de**

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