

LUXA 103-100 DE WH

Item no.: 1030012

Presence and motion detectors Indoor detectors

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
- 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



Technical data

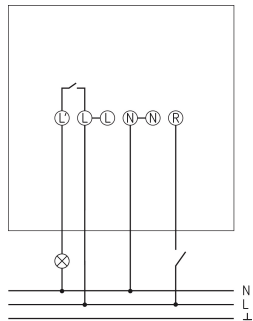
LUXA 103-100 DE WH	
Operating voltage	230 V AC
Frequency	50 – 60 Hz
Stand-by consumption	~0.5 W
Light measurement	Mixed light measurement
Number of channels	1
Colour	White
Switching output	Light
Installation type	Ceiling installation
Setting range brightness	10 – 2000 lx
Detection angle	360°
Installation height	2 – 3 m
Light switch-off delay	5 s-30 min
Incandescent/halogen lamp load	2000 W

LUXA 103-100 DE WH	
Fluorescent lamp load (conventional) parallel-corrected	900 VA 100 µF
LED lamp < 2 W	35 W
LED lamp 2-8 W	400 W
LED lamp > 8 W	400 W
Lamps	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Detection range	38 m ² (ø 7 m 360°)
Ambient temperature	0°C ... 45°C
Protection class	II
Type of protection	IP 44 (Sensor), IP 20 (power module)

LUXA 103-100 DE WH

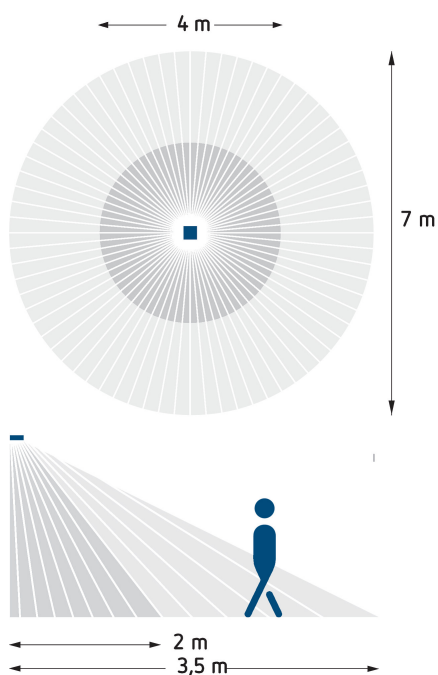
Item no.: 1030012

Connection example



Detection range for planning applications

Mounting height (A)	Diagonally (t)	Head on to (R)
2.5 m	7 m	4 m



Subject to technical changes and misprints

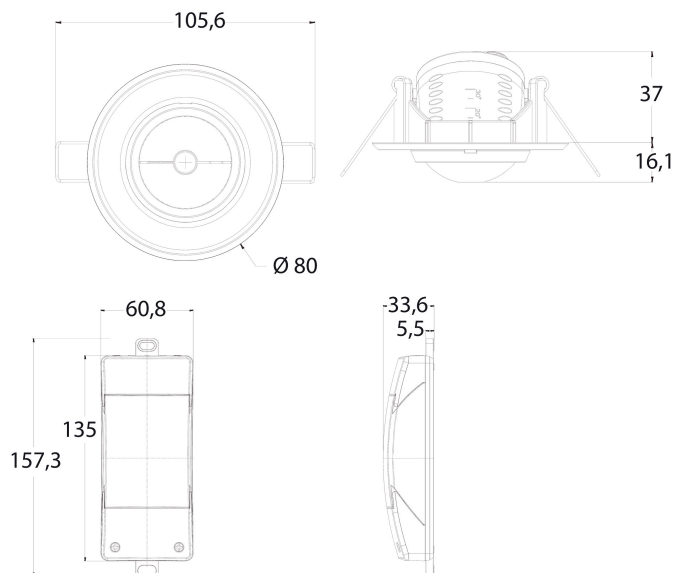
additional information at: www.theben.de/product/1030012

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

LUXA 103-100 DE WH

Item no.: 1030012

Scale drawings



Subject to technical changes and misprints

additional information at: www.theben.de/product/1030012

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.