

theLuxa P300 BK

Item no.: 1010611

theben
energy saving comfort

Presence and motion detectors Outdoor detectors

Description

- Motion detector (PIR)
- Automatic lighting control based on presence and brightness
- 300° detection angle
- For outdoor use
- For installation on walls and ceilings
- For larger, commercial outdoors properties such as offices, public buildings, hotels, schools, car parks and warehouses
- 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
- 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
- Spacer and corner angle included in delivery



Technical data

theLuxa P300 BK	
Operating voltage	230 V AC
Frequency	50 Hz
Stand-by consumption	~0.3 W
Light measurement	Mixed light measurement
Number of channels	1
Colour	Black
Switching output	Light
Installation type	Wall and ceiling installation
Setting range brightness	5 – 1000 lx
Switching capacity	10 A at 230 V AC, $\cos \varphi = 1$, 10 AX at 230 V AC, $\cos \varphi = 0.3$
Detection angle	300°
Installation height	2 – 4 m
Light switch-off delay	1 s-20 min
Incandescent/halogen lamp load	2300 W

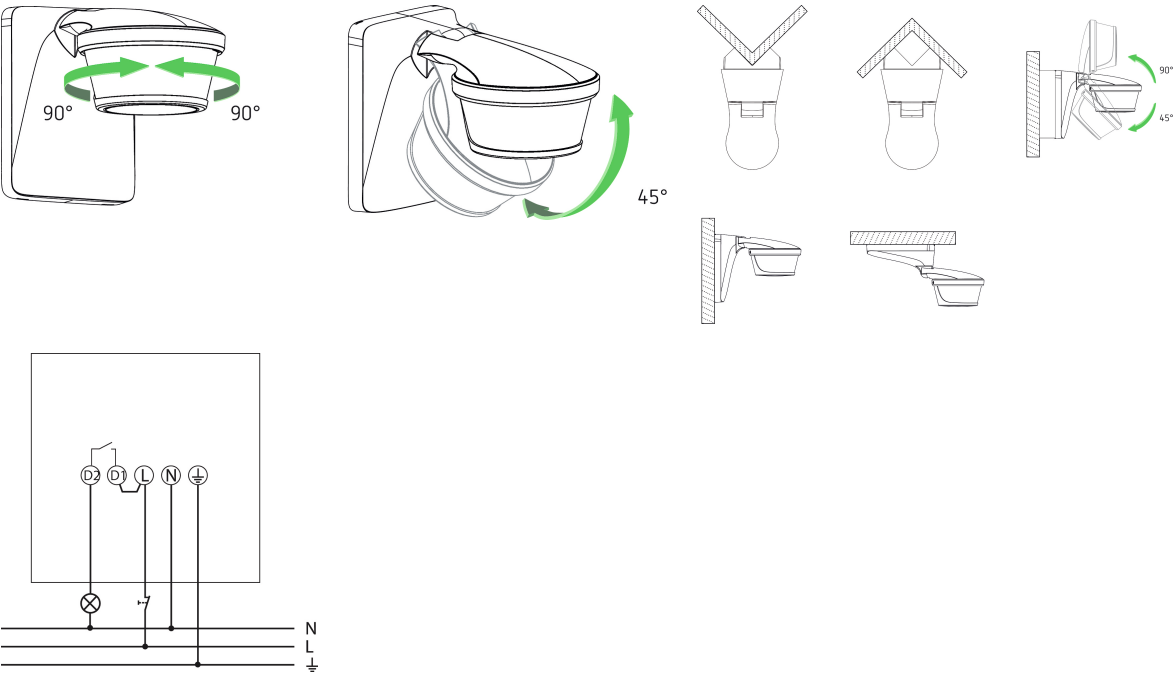
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Fluorescent lamp load (conventional) parallel-corrected	1300 VA 140 µF
Energy saving lamps	300 W
Inrush current	max. 800 A / 200 µs
LED lamp < 2 W	60 W
LED lamp 2-8 W	600 W
LED lamp > 8 W	600 W
Lamps	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Remote controlled	✓
Ambient temperature	-25°C ... 45°C
Protection class	II
Type of protection	IP 55

Subject to technical changes and misprints

additional information at: www.theben.de/product/1010611

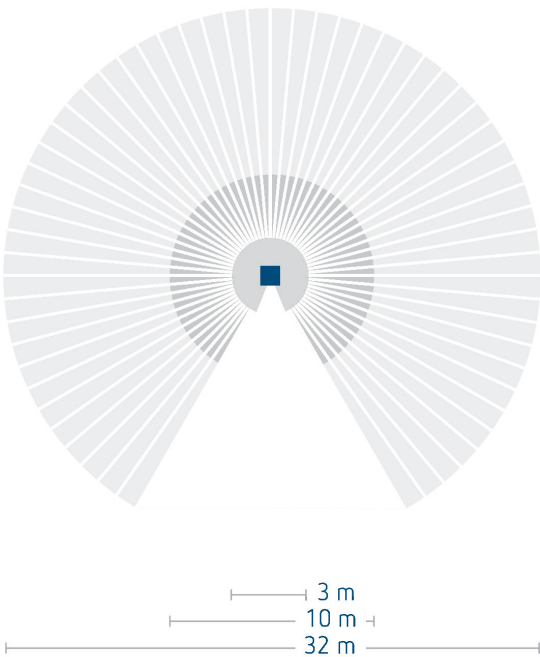
The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

Connection example



Detection range for planning applications

Mounting height (A)	Diagonally (t)	Head on to (R)	
2 m	12 m	4 m	
2.5 m	16 m	5 m	
3 m	16 m	5 m	
3.5 m	16 m	5 m	
4 m	12 m	4 m	

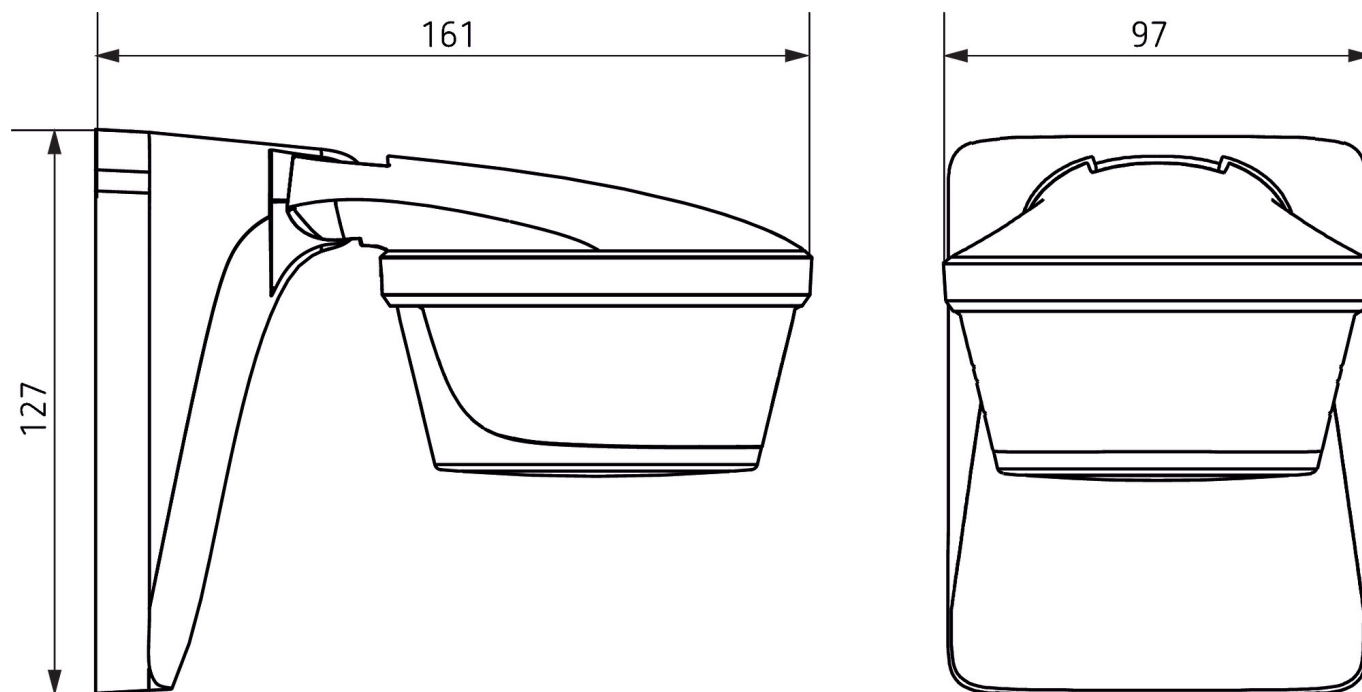


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Scale drawings



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Page 3 of 3