

## LUXOMAT® PD9-M-DIM+HVAC-FC

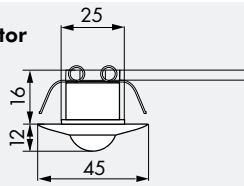


Extreme small dimension



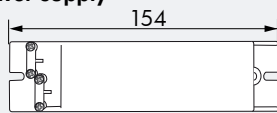
"Size comparison"

### Detector



34 mm cut-out

### Power supply



L 154 x W 38 x H 25 mm

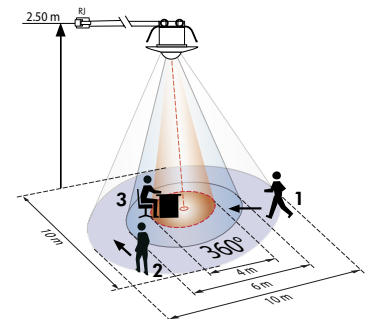
**NEW!**

### TECHNICAL DATA

- 230V~ ±10%
- 360°
- seated Ø 4.00 m
- across Ø 10.00 m
- towards Ø 6.00 m
- IP20 / Class II / CE
- Detector**  
Ø 45 x H 28 mm
- Power supply**  
L 154 x W 38 x H 25 mm
- 25°C to +50°C
- Housing UV- and shock-resistant Polycarbonate
- IR-PDim, IR-PD-DIM-Mini
- Channel 1 (Control the lighting)**  
Can only be set via remote control
- 2300 W, cosφ = 1;  
1150 VA, cosφ = 0.5
- 1 min. - 30 min. or impulse
- 10 - 2000 Lux
- 1 - 10 VDC, max. 50 EB's
- Channel 2 (Control devices)**  
Can only be set via remote control
- dry contact type NO,  
3A, 230 V, cosφ = 1
- Alarm pulse, pulse or  
5 - 120 min.

### PRODUCT INFORMATION

- Remote controllable mini-occupancy detector for inside use LUXOMAT® PD9-M-DIM+HVAC-FC in dimming version as Master version with circular detection area
- An easy and cost effective way to realize a **constant light control**
- Two switching channels, one to switch the lighting, the second to switch other loads e.g. HVAC by potential free relay of the detector
- 1 dim output with 1-10VDC interface to control electronic ballasts
- The product is programmed for immediate use
- Function full automatic or semi automatic mode, dimming and switching with the optional infrared remote control
- Special version with spring-clamps for easy and time-saving installation into ceilings or directly built into light fittings
- **Typical applications:**  
offices, conference rooms, hospitals, galleries, nursery schools



- 1 ■ Walking towards
- 2 ■ Walking across
- 3 ■ Seated activity

### ACCESSORY (OPTIONAL)

#### IR-PDim



(to order separately)

#### IR-PD-DIM-Mini



(to order separately)

#### Cover rings for substitution

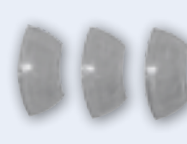


white

silver

anthracite

#### Blinds



#### Slaves



PD9-S

Description	Colour	Part number
PD9-M-DIM+HVAC-FC	white	92973
<b>Accessory (optional)</b>		
LUXOMAT® IR-PDim	grey	92200
LUXOMAT® IR-PD-DIM-Mini	grey	92098
Cover ring for PD9 (35 mm)	white, RAL9010	92238
Cover ring for PD9 (35 mm)	silver, RAL9006	92237
Cover ring for PD9 (35 mm)	anthracite, RAL7021	92235