

**B.E.G.****LUXOMAT®**

## PD4-M-DIM-FM

Prod.No. 92248 EAN: 4007529922482

- Voltage: 110 - 240 V AC 50 / 60 Hz
- Dimensions: Ø 97 x 84 mm
- Power consumption: approx. 0.5 W

### Areas of application

- open-plan offices
- conference rooms
- classrooms/seminar rooms
- entrance halls
- corridors/hallways
- sports halls/ storage rooms

### Order data

Designation	Colour	Art.No
PD4-M-DIM-FM	white	92248

### Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PDim	-	92200
IR-PD-DIM-Mini	-	92098
Wire basket BSK (Ø 200 x 90 mm)	white	92199

## Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 97 x 84 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
Range:	
Monitored area (tangential movement):	450 m <sup>2</sup> / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 10 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

### Channel 1 (lighting control)

Switching power:	2300 W, $\cos \varphi$ = 1 1150 VA, $\cos \varphi$ = 0.5 300 W LED max. inrush current $I_p$ (20 ms) = 165 A max. inrush current $I_p$ (200 $\mu$ s) = 800 A
Type of contact (k):	1x $\mu$ -contact, NO contact with tungsten pre- make contact
DIM output:	1-10 V DC, up to 50 ballasts
Follow-up time:	1 min – 30 min
Brightness set value:	10 – 2000 Lux
Light measuring:	Mixed light measuring

## Product information

Occupancy detector with large detection area, daylight-dependent lighting control

1 – 10 V interface for controlling analog, dimmable ballasts

Orientation light function

Additional switching channel for the following function:  
Cut-Off (complete ECG switch-off to avoid standby losses).

Manual switching and dimming via push button possible

Version as master device

Detection area can be extended by using slave devices

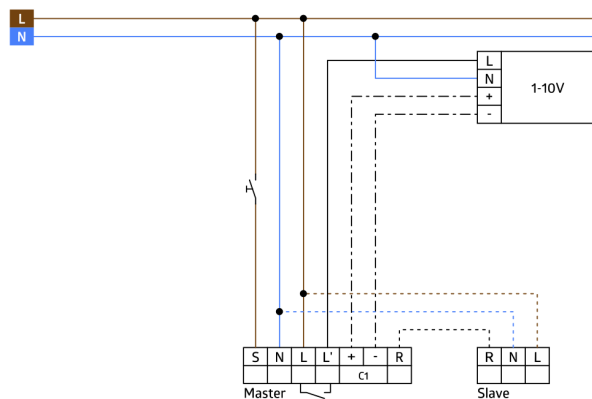
Additional functions can be set up using the optional remote control.

Relay with tungsten pre-make contact, optimised for LED loads

Avoidance of standby losses of the lighting system in accordance with EnEV DIN V 18599-4

### Application examples:

open-plan offices, conference rooms, classrooms/seminar rooms, entrance halls, corridors/hallways, sports halls/ storage rooms



## Accessories



**RC-Arc extinction kit**  
Art.No: 10880

Voltage: 230 V AC  $\pm 10\%$   
Dimensions: 38 x 12 x 26 mm  
Degree / class of protection: IP20 / Class II



**Mini-RC-Arc extinction kit**  
Art.No: 10882

Voltage: 230 V AC  $\pm 10\%$   
Dimensions: 50 x 23 x 8 mm  
Degree / class of protection: IP20 / Class II



**BLE-IR-Adapter**  
Art.No: 93067

Dimensions: 40 x 55 x 103 mm  
Material color: black  
Frequency: 2.4 GHz ISM band, GFSK  
0.2 dBm + 5.3 dBi = 5.5 dBm



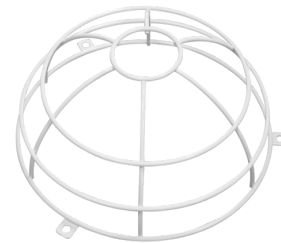
**IR-PDim**  
Art.No: 92200

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 mm  
Material color: -



**IR-PD-DIM-Mini**  
Art.No: 92098

Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 57 x 35 x 7 mm  
Material color: -



**Wire basket BSK (Ø 200 x 90 mm)**  
Art.No: 92199

Dimensions: Ø 200 x 90 mm  
Impact strength: IK09  
Housing: coated steel basket