

**B.E.G.****LUXOMAT®**

## PD4-M-1C-GH-SM Set 92245-92199

230V PIR motion detector with 360° coverage and a detection area of up to 30 x 19 m (440 m<sup>2</sup>) at a mounting height of 16 m, for high-bay warehouses

### Order data

Designation	Colour	Art.No
PD4-M-1C-GH-SM	white	92245
Wire basket BSK (Ø 200 x 90 mm)	white	92199

### Areas of application

- high-bay warehouse
- sports halls/ storage rooms

## Technical data

Voltage:	110 - 240 V AC 50 / 60 Hz
Dimensions:	<b>Ø 200 x 90 mm (92199)</b>
Power consumption:	approx. 0.5 W horizontal 360°
Detection area:	oval (Ceiling mounting)
Range:	30 m x 19 m
Monitored area (tangential movement):	440 m <sup>2</sup> / 14 m mounting height
Mounting height min./max./recommended:	5 m / 16 m / 14 m
Degree / class of protection:	IP20 / Class II
Impact strength:	<b>IK09 (92199)</b>
Ambient temperature:	-25 °C to +50 °C
Housing:	<b>polycarbonate, UV-resistant + coated steel basket (92199)</b>
Material color:	white mat, similar to RAL9010

### Channel 1 (lighting control, potential-free (dry))

Switching power:	2300 W, $\cos \varphi = 1$ 1150 VA, $\cos \varphi = 0.5$ 800 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, dry NO contact with tungsten pre- make contact
Follow-up time:	15 sec - 30 min, Pulse
Switch-on threshold:	20 - 2000 Lux
Light measuring:	Mixed light measuring

## Product information

Set : PD4-M-1C-GH-SM + Wire basket BSK (Ø 200 x 90 mm) white

Occupancy detector designed for high-bay warehouses

One potential-free (dry) switching contact

Version as master device

Detection area can be extended by using slave devices

### Easy operation with remote control (required)

Manual switching via push-button possible

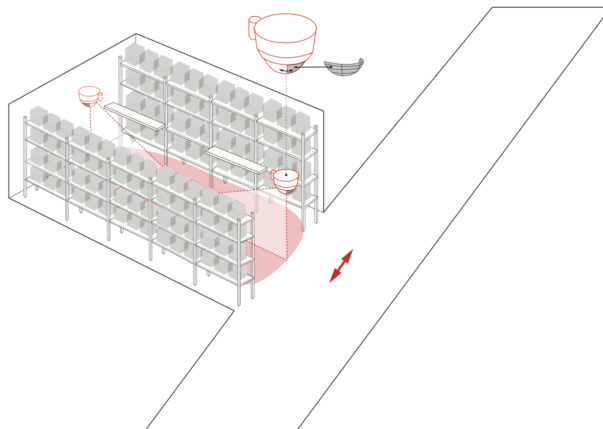
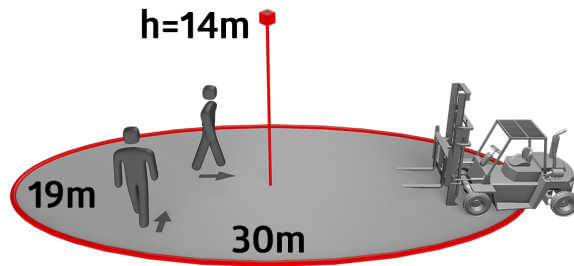
For further information

<https://www.beg-luxomat.com/en/solutions/areas-of-application/great-mounting-heights/>

There are markings to ensure correct alignment during installation

**When used in high-bay warehouses, care should be taken that, in the cross-aisles of the warehouse, detectors are installed that can detect movement only in the desired aisle locations, by using blinds or other technical arrangements.**

Factory settings 3 min and 1000 lux





## Set items

To receive the bundle according to the technical specification, please order the items listed.



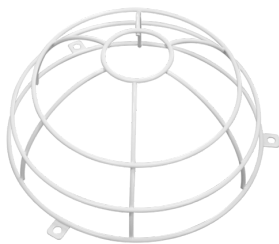
### **PD4-M-1C-GH-SM**

Art.No: 92245

Voltage: 110 – 240 V AC 50 / 60 Hz

Dimensions: Ø 98 x 63 mm

Power consumption: approx. 0.5 W



### **Wire basket BSK (Ø 200 x 90 mm)**

Art.No: 92199

Dimensions: Ø 200 x 90 mm

Impact strength: IK09

Housing: coated steel basket