



## PD4N-DALI-SYS Set 93340-93742-92199

DALI-SYS PIR motion detector with 360° detection and a range of up to Ø24m (450 m<sup>2</sup>), for integration into DALI-SYS systems

### Order data

| Designation                           | Colour        | Art.No |
|---------------------------------------|---------------|--------|
| PD4N-DALI-SYS                         | white         | 93340  |
| Corridor lens PD4N type A, Cover ring | traffic white | 93742  |
| Wire basket BSK (Ø 200 x 90 mm)       | white         | 92199  |

## Technical data

|                                           |                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------|
| Voltage:                                  | via DALI Bus,<br>max. 22.5 V DC                                              |
| Dimensions:                               | <b>Ø 200 x 90 mm<br/>(92199)</b>                                             |
| Settings:                                 | B.E.G. DALI-SYS<br>ROUTER / B.E.G.<br>DALI-SYS PC-<br>Tools                  |
| Typ. power input:                         | 7 mA                                                                         |
| Detection area:                           | <b>horizontal<br/>360° (Ceiling<br/>mounting)<br/>(93742)</b>                |
| Range:                                    | <b>max. Ø 40 m<br/>across<br/>max. Ø 20 m<br/>towards<br/>(93742)</b>        |
| Monitored area<br>(tangential movement):  | <b>250 m² / 2.5 m<br/>mounting<br/>height (93742)</b>                        |
| Mounting height<br>min./max./recommended: | <b>2.4 m / 2.6 m /<br/>2.5 m (93742)</b>                                     |
| Degree / class of<br>protection:          | IP20 / Class II                                                              |
| Impact strength:                          | <b>IK09 (92199)</b>                                                          |
| Ambient temperature:                      | -25 °C to +55 °C                                                             |
| Housing:                                  | <b>polycarbonate,<br/>UV-resistant +<br/>coated steel<br/>basket (92199)</b> |
| Material color:                           | <b>traffic white<br/>mat, similar to<br/>RAL9016<br/>(93742)</b>             |
| Follow-up time:                           | 1 sec - 120 min                                                              |
| Orientation light:                        | 5 - 100 % / 1<br>min - 120 min /<br>∞                                        |
| Brightness set value:                     | 10 - 2500 Lux                                                                |
| Light measuring:                          | Mixed light<br>measuring                                                     |

## Product information

Set : PD4N-DALI-SYS + Corridor lens PD4N type A,  
Cover ring traffic white mat, similar to RAL9016 +  
Wire basket BSK (Ø 200 x 90 mm) white

Wide motion detection range DALI multisensor

Powered via DALI bus

Seamless integration in B.E.G. LUXOMAT® net DALI-SYS

Bright LED indication for commissioning

Detection area can be extended thanks to master-slave-mode

Mixed light measurement with internal and external light  
sensor

Semi-automatic, full-automatic or twilight switch mode

Integrated daylight harvesting circuit (or switch output)

Guided Light, Soft-Start PLUS, Orientation light PLUS

Works out-of-the box for easy installation check

Full range of functions can only be activated with other  
products of the product group B.E.G. LUXOMAT® net DALI-SYS

Suitable for mounting in false ceilings and flush-mounting

Accessory for surface mounting available

This article is a component of a lighting control system from  
B.E.G., which supports the use of DALI control gear  
(luminaires, relays) from other manufacturers

The use of DALI application controllers from other  
manufacturers is not supported

The use of DALI input devices (sensors, push-buttons) from  
other manufacturers is not supported

Additional system components (hardware) from B.E.G. are  
required

Additional services (planning, commissioning and  
maintenance) from B.E.G. are required



## Set items

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



### **PD4N-DALI-SYS**

Art.No: 93340

Voltage: via DALI Bus, max. 22.5 V DC

Dimensions: Ø 106 x 68 mm

Settings: B.E.G. DALI-SYS ROUTER /

B.E.G. DALI-SYS PC-Tools



### **Corridor lens PD4N type A, Cover ring**

Art.No: 93742

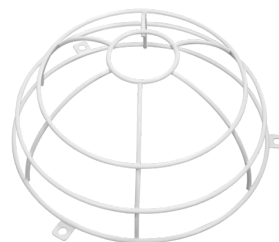
Detection area: horizontal 360° (Ceiling mounting)

Range: max. Ø 40 m across

max. Ø 20 m towards

Monitored area (tangential movement):

250 m<sup>2</sup> / 2.5 m mounting height



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

Art.No: 92199

Dimensions: Ø 200 x 90 mm

Impact strength: IK09

Housing: coated steel basket