

**B.E.G.****LUXOMAT® net**

## PD4N-BMS DALI-2 Set 93546-93741-92199

DALI-2 (BMS) PIR motion detector with 360° coverage and a range of up to Ø24m (450 m²), DALI-2 input device

### Order data

| Designation                           | Colour     | Art.No |
|---------------------------------------|------------|--------|
| PD4N-BMS DALI-2                       | white      | 93546  |
| Corridor lens PD4N type A, Cover ring | anthracite | 93741  |
| 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:                                 | via DALI-Bus and<br>application<br>which supports<br>DALI<br>multisensors<br>according to<br>IEC62386, parts<br>101, 103, 303<br>and 304 |
| Typ. power input:                         | 7 mA   |
| Settling time:                            | 200 ms   |
| Detection area:                           | <b>horizontal<br/>360° (Ceiling<br/>mounting)<br/>(93741)</b>  |
| Range:                                    | <b>max. Ø 40 m<br/>across<br/>max. Ø 20 m<br/>towards<br/>(93741)</b>  |
| Monitored area<br>(tangential movement):  | <b>250 m<sup>2</sup> / 2.5 m<br/>mounting<br/>height (93741)</b>   |
| Mounting height<br>min./max./recommended: | <b>2.4 m / 2.6 m /<br/>2.5 m (93741)</b>   |
| Degree / class of<br>protection:          | IP20 / Class II  |
| Impact strength:                          | <b>IK09 (92199)</b>  |
| Measured light output:                    | 0 - 4095 Lux,<br>Mixed light<br>measuring  |
| Ambient temperature:                      | -25 °C to +55 °C   |
| Housing:                                  | <b>polycarbonate,<br/>UV-resistant +<br/>coated steel<br/>basket (92199)</b>   |
| Material color:                           | <b>anthracite<br/>mat, similar to<br/>RAL7016<br/>(93741)</b>  |

## Product information

Set : PD4N-BMS DALI-2 + Corridor lens PD4N type A,  
Cover ring anthracite mat, similar to RAL7016 + Wire  
basket BSK (Ø 200 x 90 mm) white

Long-range DALI-2 multisensor (input device)

DALI-2 certified product

Powered via DALI bus

Bright LED indication for commissioning

DALI multimaster technology according to IEC 62386 part 103

Instance 0 provides information regarding occupancy and  
movement for the DALI-Bus according to IEC 62386 part 303

Instance 1 provides LUX values for the DALI-Bus according to  
IEC 62386 part 304

Parameterisation is possible via mandatory Multimaster-  
Application-Controller of any manufacturer. This controller  
must support IEC 62386 parts 101/103/303/304.

Mixed light measurement with internal and external light  
sensor

Suitable for mounting in false ceilings and flush-mounting

Accessory for surface mounting available

Detection area can be restricted with blinds

Individual adaption of detection sensitivity for each PIR sensor

Status LEDs can be activated / deactivated



## Set items

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



### PD4N-BMS DALI-2

Art.No: 93546

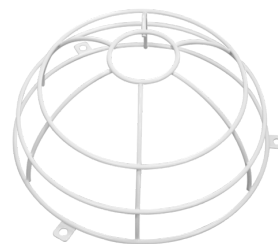
Voltage: via DALI Bus, max. 22.5 V DC  
Dimensions: Ø 106 x 68 mm  
Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304



### Corridor lens PD4N type A, Cover ring

Art.No: 93741

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