

# B.E.G. LUXOMAT® net



## PD4N-CAS Set 93474-93741

CASAMBI-compatible PIR motion sensor with 360° detection and a range of up to Ø24m (450 m<sup>2</sup>)

### Order data

| Designation                           | Colour     | Art.No |
|---------------------------------------|------------|--------|
| PD4N-CAS                              | white      | 93474  |
| Corridor lens PD4N type A, Cover ring | anthracite | 93741  |

## Technical data

|   |  |
|---|--|
| Voltage:                                  | 230 V AC ±10%<br>50 Hz   |
| Dimensions:                               | Ø 106 x 95 mm  |
| Settings:                                 | Casambi App  |
| Power consumption:                        | 0.5 W  |
| Detection area:                           | <b>horizontal<br/>360° (Ceiling<br/>mounting)<br/>(93741)</b><br><b>max. Ø 40 m<br/>across<br/>max. Ø 20 m<br/>towards<br/>(93741)</b><br><b>250 m<sup>2</sup> / 2.5<br/>m mounting<br/>height<br/>(93741)</b> |
| Range:                                    | <b>2.4 m / 2.6 m /<br/>2.5 m (93741)</b>   |
| Monitored area (tangential<br>movement):  |  |
| 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:                          | IK04   |
| Ambient temperature:                      | -5 °C to +45 °C  |
| Housing:                                  | polycarbonate,<br>UV-resistant<br><b>anthracite<br/>mat, similar<br/>to RAL7016<br/>(93741)</b>  |
| Material color:                           |  |
| Number of PIR sensors:                    | 4  |
| <b>Channel 1 (lighting<br/>control)</b>   |  |
| Follow-up time:                           | 1 sec - 60 min   |
| Brightness set value:                     | 1 - 4000 Lux   |
| Light measuring:                          | Mixed light<br>measuring   |

## Product information

Set : PD4N-CAS + Corridor lens PD4N type A, Cover ring anthracite mat, similar to RAL7016

Casambi-enabled occupancy detector

Bright LED indication for commissioning

Mixed light measurement with internal and external light sensor

Weighting between internal and external light sensor can be adapted to suit the application

Adjustment of the reflection factor and input of the luminosity for the display of the actual luminosity in the app

Extension of the detection area with additional B.E.G. Casambi devices possible

Individual adaption of detection sensitivity for each PIR sensor

Detection area can be restricted with blinds

Functions adjustable via Casambi app

Including pre-assembled spring clamp with strain relief and contact protection cap for recessed ceiling mounting

Accessory for surface mounting available

Accessories for wall mounting optionally available

Further accessories for colour matching optionally available



# CASAMBI



## Set items

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



### PD4N-CAS

Art.No: 93474

Voltage: 230 V AC  $\pm 10\%$  50 Hz

Dimensions:  $\varnothing$  106 x 95 mm

Settings: Casambi App



### Corridor lens PD4N type A, Cover ring

Art.No: 93741

Detection area: horizontal 360° (Ceiling mounting)

Range: max.  $\varnothing$  40 m across

max.  $\varnothing$  20 m towards

Monitored area (tangential movement): 250 m<sup>2</sup> / 2.5 m mounting height