B.E.G. LUXOMAT® net




# PD4N-CAS DALI-2 Set 93473-93787-92199

CASAMBI-compatible PIR motion sensor with built-in DALI-2 bus power supply, 360° detection, and a range of up to Ø24m (450 m²)

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD4N-CAS DALI-2 | white | 93473 |
| SM socle mounting set IP54 PD4N H | traffic white | 93787 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |

## Technical data

| | |
|---|---|
| Voltage: | 230 V AC ±10% 50 Hz |
| Dimensions: | **Ø 200 x 90 mm (92199)** |
| Settings: | Casambi App |
| Power consumption: | 0.5 W |
| Detection area: | horizontal 360° oval (Ceiling mounting) |
| Range: | max. Ø 24 m across<br>max. Ø 8 m towards<br>max. Ø 6.4 m seated |
| Monitored area (tangential movement): | 450 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 10 m / 2.5 m |
| Degree / class of protection: | **IP54 (93787)** |
| Impact strength: | **IK09 (92199)** |
| Ambient temperature: | -5 °C to +45 °C |
| Housing: | **polycarbonate, UV-resistant + coated steel basket (92199)** |
| Material color: | **traffic white, similar to RAL9016 (93787)** |
| Number of PIR sensors: | 4 |
| **Channel 1 (lighting control)** | |
| DALI output: | 80 mA (guaranteed), 125 mA (max.), Shut-down mechanism |
| Supported control gear: | DT0, DT5, DT6, DT7, DT8 |
| Supported control devices: | - (single master) |
| Follow-up time: | 1 sec – 60 min |
| Brightness set value: | 1 – 4000 Lux |
| Light measuring: | Mixed light measuring |

## Product information

Set : PD4N-CAS DALI-2 + SM socle mounting set IP54 PD4N H traffic white, similar to RAL9016 + Wire basket BSK (Ø 200 x 90 mm) white

Casambi-enabled occupancy detector

DALI-2 interface for controlling digital dimmable ECGs in broadcast/multicast mode

Integrated temperature monitoring and short-circuit detection

Version as single-master device, can be networked wirelessly

DALI output power can be increased with accessories

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

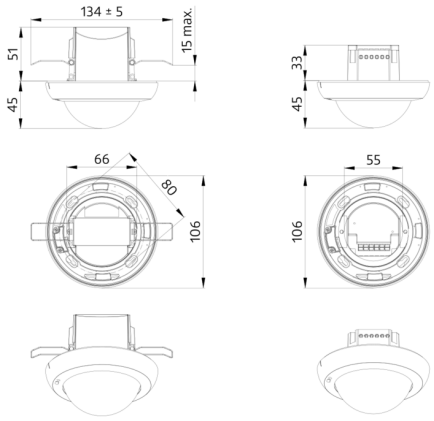
Functions adjustable via Casambi app

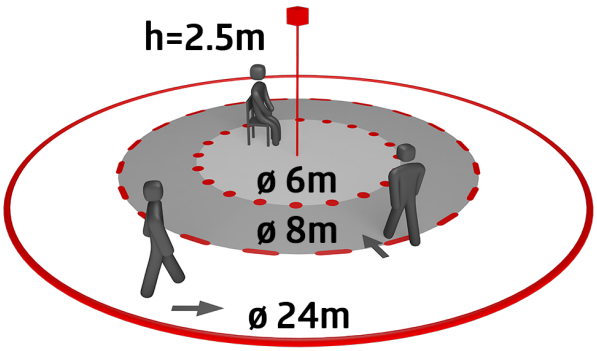
Including pre-assembled spring clamp with strain relief and contact protection cap for recessed ceiling mounting

Accessory for surface mounting available

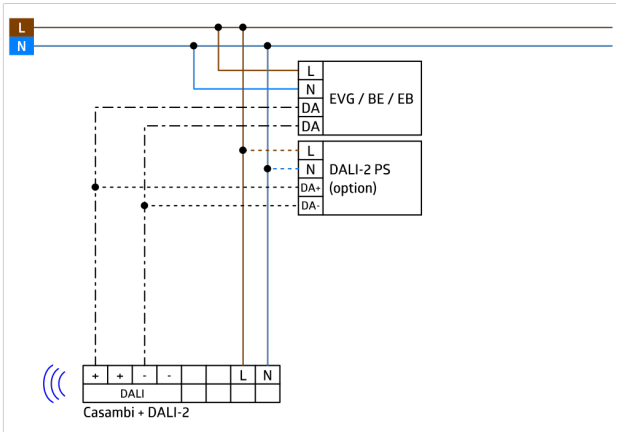
Accessories for wall mounting optionally available

Further accessories for colour matching optionally available




CASAMBI


L
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DA
DA
EVG / BE / EB
L
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DA+
DA-
DALI-2 PS
(option)
+
+
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DALI
Casambi + DALI-2

## Set items

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



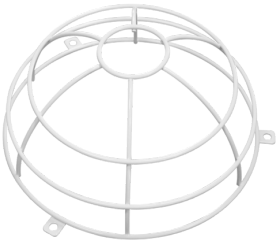
**PD4N-CAS DALI-2**
Art.No: 93473

Voltage: 230 V AC ±10% 50 Hz
Dimensions: Ø 106 x 95 mm
Settings: Casambi App



**SM socle mounting set IP54 PD4N H**
Art.No: 93787

Dimensions: Ø 110 x 45 mm
Degree / class of protection: IP54
Material color: traffic white, similar to RAL9016



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

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