B.E.G. LUXOMAT® net




# PD4N-CAS DALI-2 Set 93473-93073-92199

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 |
| Corridor lens PD4N type A | white | 93073 |
| 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° (Ceiling mounting) (93073)** |
| Range: | **max. Ø 40 m across max. Ø 20 m towards (93073)** |
| Monitored area (tangential movement): | **250 m² / 2.5 m mounting height (93073)** |
| Mounting height min./max./recommended: | **2.4 m / 2.6 m / 2.5 m (93073)** |
| Degree / class of protection: | IP20 / Class II |
| Impact strength: | **IK09 (92199)** |
| Ambient temperature: | -5 °C to +45 °C |
| Housing: | **polycarbonate, UV-resistant + coated steel basket (92199)** |
| Material color: | **white, similar to RAL9010 (93073)** |
| 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 + Corridor lens PD4N type A white, similar to RAL9010 + 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

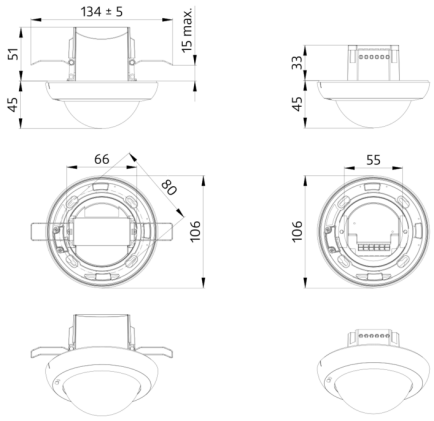
Functions adjustable via Casambi app

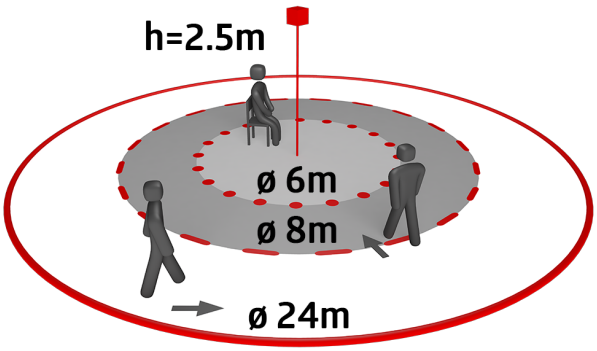
Including pre-assembled spring clamp with strain relief and contact protection cap for recessed ceiling mounting

Accessory for surface mounting available

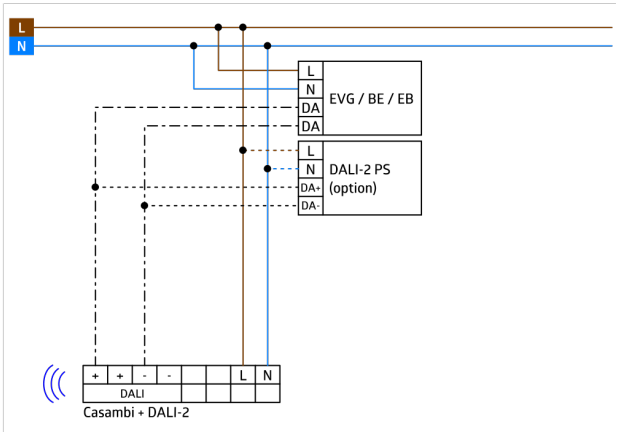
Accessories for wall mounting optionally available

Further accessories for colour matching optionally available




CASAMBI


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

## Set items

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



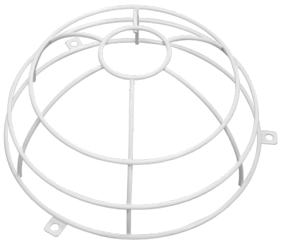
**PD4N-CAS DALI-2**
Art.No: 93473

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



**Corridor lens PD4N type A**
Art.No: 93073

Detection area: horizontal 360° (Ceiling mounting)
Range: max. Ø 40 m across
max. Ø 20 m towards
Monitored area (tangential movement): 250 m² / 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