B.E.G. LUXOMAT® net




# PD2N-CAS DALI-2 Set 93476-93772

CASAMBI-compatible PIR motion sensor with built-in DALI-2 bus power supply, 360° detection, and a range of up to Ø10m (78 m²)

## Order data

| Designation | Colour | Art.No |
|---|---|---|
| PD2N-CAS DALI-2 | white | 93476 |
| Cover ring PD2N FC | traffic white | 93772 |

## Technical data

| | |
|---|---|
| Voltage: | 230 V AC ±10% 50 Hz |
| Dimensions: | Ø 84 x 85 mm |
| Settings: | Casambi App |
| Power consumption: | 0.5 W |
| Detection area: | horizontal 360° (Ceiling mounting) |
| Range: | max. Ø 10 m across<br>max. Ø 6 m towards<br>max. Ø 4 m seated |
| Monitored area (tangential movement): | 78 m² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 5 m / 2.5 m |
| Degree / class of protection: | IP20 / Class II |
| Impact strength: | IK04 |
| Ambient temperature: | -5 °C to +45 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | **traffic white mat, similar to RAL9016 (93772)** |
| Number of PIR sensors: | 1 |
| **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 : PD2N-CAS DALI-2 + Cover ring PD2N FC traffic white mat, similar to RAL9016

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

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 the PIR sensor sensitivity

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

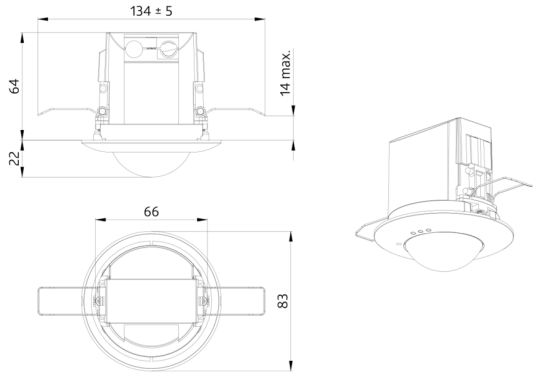
Accessories for wall mounting optionally available

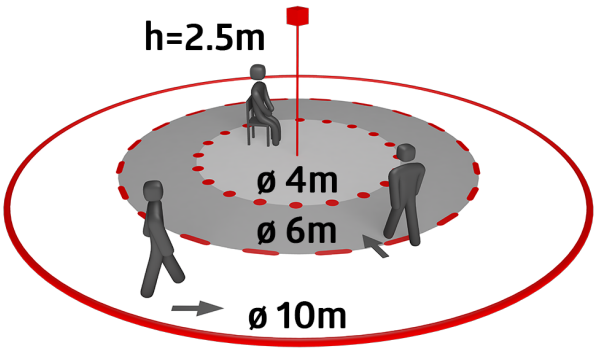
Further accessories for colour matching optionally available

DALI-2 certified product

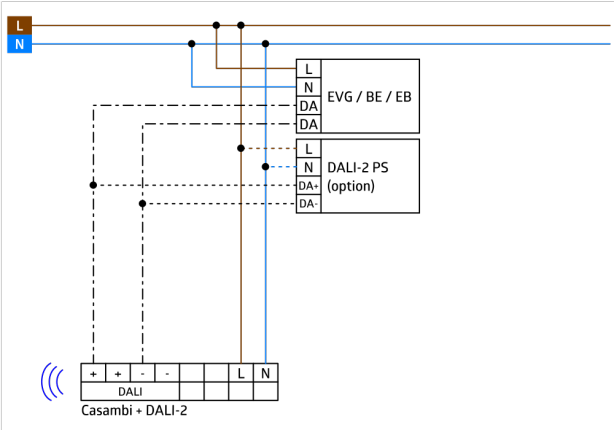
DALI output power can be increased with accessories

Bright LED indication for commissioning




CASAMBI


L
N
L
N
DA
DA
EVG / BE / EB
L
N
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.



**PD2N-CAS DALI-2**
Art.No: 93476

Voltage: 230 V AC ±10% 50 Hz
Dimensions: Ø 84 x 85 mm
Settings: Casambi App



**Cover ring PD2N FC**
Art.No: 93772

Dimensions: Ø 82 x 13 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant