

B.E.G.**LUXOMAT®**

PD2N-M-DACO DALI-2

Prod.No. 93452 EAN: 4007529934522

- Voltage: 230 V AC $\pm 10\%$ 50 Hz
- Dimensions: \varnothing 84 x 85 mm
- Power consumption: approx. 2 W

Areas of application

- small offices
- open-plan offices

Order data

| Designation | Colour | Art.No |
|--------------------|--------|--------|
| PD2N-M-DACO DALI-2 | white | 93452 |

Accessories

| Designation | Colour | Art.No |
|-----------------------------------|---------------|--------|
| BLE-IR-Adapter | black | 93067 |
| IR-Adapter for Smartphones | black | 92726 |
| IR-PD-DALI | - | 92094 |
| IR-PD-DALI-LD | - | 92652 |
| IR-PD-DALI-E | - | 92122 |
| IR-PD-DALI-Mini | - | 92112 |
| SM socle mounting set IP54 PD2N H | white | 93454 |
| SM socle mounting set IP54 PD2N H | black | 93783 |
| SM socle mounting set IP54 PD2N H | traffic white | 93782 |
| SM socle mounting set IP54 PD2N H | anthracite | 93781 |
| Cover ring PD2N FC | black | 93773 |
| Cover ring PD2N FC | traffic white | 93772 |

| | | |
|---------------------------------|------------|-------|
| Cover ring PD2N FC | anthracite | 93771 |
| Wire basket BSK (Ø 200 x 90 mm) | white | 92199 |
| Wall holder PD2N/4N Typ A | white | 93164 |

Technical data

| | |
|---|--|
| Voltage: | 230 V AC \pm 10% 50 Hz |
| Dimensions: | Ø 84 x 85 mm |
| Power consumption: | approx. 2 W |
| Slave devices: | up to 8 |
| Detection area: | horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated |
| Range: | |
| Monitored area (tangential movement): | 78 m ² / 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: | IK05 |
| Ambient temperature: | -25 °C to +50 °C |
| Housing: | polycarbonate, UV-resistant |
| Material color: | white mat, similar to RAL9010 |

Channel 1 (lighting control)

| | |
|----------------------------|--|
| DALI output: | 80 mA (guaranteed), 125 mA (max.), shut down mechanism |
| Supported control gear: | DT0, DT5, DT6, DT7 |
| Supported control devices: | - (single master) |
| Follow-up time: | 1 min – 150 min 10 – 30 % / OFF / 5 min – 60 min / ∞ |
| Orientation light: | |
| Brightness set value: | 10 – 2500 Lux |
| Light measuring: | Mixed light measuring |

Product information

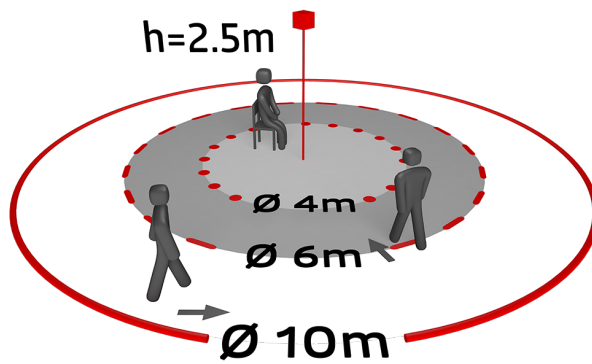
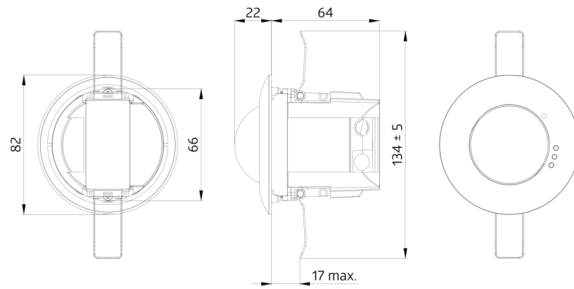
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|--|
| Occupancy detector with integrated DALI application controller for energy-efficient lighting control |
| DALI-2 certified product |
| Integrated DALI power supply |
| DALI interface for controlling digital, dimmable ECGs in broadcast mode |
| Manual switching or dimming via conventional pushbuttons |
| Bidirectional IR communication enables fast integration into the project management function of the B.E.G. One app |
| Complete range of functions can only be activated using the BLE-IR-Adapter and a compatible Smartphone or Tablet (Android, iOS). |
| Semi-automatic, full automatic, presence-independent or light-independent mode adjustable |
| Adjustable regulation dynamics (minimum and maximum values) |
| Adjustable speed and delay of the regulation |
| Single master version, not networkable |
| Detection area can be extended by using slave devices |
| Mixed light measurement with internal and external light sensor |
| DALI output power can be increased with accessories |
| Integrated daylight harvesting circuit (or switch output) |
| Adjustable switch-on value |
| Last value - Reminder function for switch-on value |
| Adjustable brightness set value and reflection factor |
| Indication of the current light sensor value in the B.E.G. One App |
| Self-check and display of device errors in the B.E.G. One App |
| Status LEDs can be activated / deactivated |
| PIN code |
| Corridor function - Deactivates the possibility to switch off the light via the push-button |
| Number of DALI participants can be determined quickly and reliably via the B.E.G. Online DALI Line Planner |
| Software is backwards compatible with the first generation (except DSI, double lock and corridor function) |
| Factory setting 10 min follow-up time and 500 lux brightness set value |

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

Accessory for surface mounting available

Application examples:

small offices, open-plan offices



Accessories



BLE-IR-Adapter
Art.No: 93067

Dimensions: 40 x 55 x 103 mm
Material color: black
Frequency: 2.4 GHz ISM band, GFSK
0.2 dBm + 5.3 dBi = 5.5 dBm



IR-Adapter for Smartphones
Art.No: 92726

Dimensions: 47 x 19 x 10 mm
Degree / class of protection: IP20
Ambient temperature: -20 °C to +40 °C



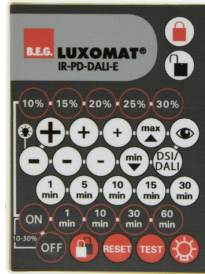
IR-PD-DALI
Art.No: 92094

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



IR-PD-DALI-LD
Art.No: 92652

Battery: 3 x 1.5 V Micro AAA (not included)
Dimensions: 83 x 53 x 17 mm
Material color: -



IR-PD-DALI-E
Art.No: 92122

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



IR-PD-DALI-Mini
Art.No: 92112

Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 57 x 35 x 7 mm
Material color: -



SM socle mounting set IP54 PD2N H
Art.No: 93454

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: white, similar to RAL9010



SM socle mounting set IP54 PD2N H
Art.No: 93783

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: black, similar to RAL9005



SM socle mounting set IP54 PD2N H
Art.No: 93782

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: traffic white, similar to RAL9016



SM socle mounting set IP54 PD2N H

Art.No: 93781

Dimensions: Ø 110 x 65 mm
Degree / class of protection: IP54
Material color: anthracite, similar to RAL7012



Cover ring PD2N FC

Art.No: 93773

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



Cover ring PD2N FC

Art.No: 93772

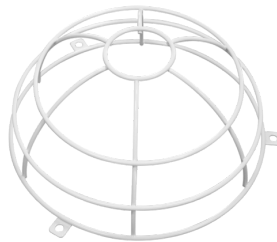
Dimensions: Ø 82 x 13 mm
Impact strength: IK05
Housing: polycarbonate, UV-resistant



Cover ring PD2N FC

Art.No: 93771

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



Wire basket BSK (Ø 200 x 90 mm)

Art.No: 92199

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



Wall holder PD2N/4N Typ A

Art.No: 93164

Dimensions: 133 x 106 x 66 mm
Degree / class of protection: IP54
Housing: polycarbonate, UV-resistant