

B.E.G.**LUXOMAT®**

PD4N-M-DACO DALI-2

Prod.No. 93460 EAN: 4007529934607

- Voltage: 230 V AC $\pm 10\%$ 50 Hz
- Dimensions: \varnothing 106 x 95 mm
- Power consumption: approx. 2 W

Areas of application

- entrance halls
- corridors/hallways
- small offices
- open-plan offices
- conference rooms
- classrooms/seminar rooms
- sports halls/ storage rooms

Order data

| Designation | Colour | Art.No |
|--------------------|--------|--------|
| PD4N-M-DACO DALI-2 | white | 93460 |

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 PD4N H | anthracite | 93786 |
| SM socle mounting set IP54 PD4N H | white | 93465 |
| SM socle mounting set IP54 PD4N H | black | 93788 |
| SM socle mounting set IP54 PD4N H | traffic white | 93787 |
| SM socle mounting set IP65 PD4N | white | 93314 |

| | | |
|---------------------------------------|---------------|-------|
| Corridor lens PD4N type A, Cover ring | traffic white | 93742 |
| Corridor lens PD4N type A, Cover ring | anthracite | 93741 |
| Corridor lens PD4N type A, Cover ring | black | 93743 |
| Corridor lens PD4N type A | white | 93073 |
| lens PD4N, Cover ring | anthracite | 93731 |
| lens PD4N, Cover ring | black | 93733 |
| lens PD4N, Cover ring | traffic white | 93732 |
| 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 106 x 95 mm |
| Power consumption: | approx. 2 W |
| Slave devices: | up to 8 |
| Detection area: | horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated |
| Range: | |
| Monitored area (tangential movement): | 450 m ² / 2.5 m mounting height |
| Mounting height min./max./recommended: | 2 m / 10 m / 2.5 m |
| Degree / class of protection: | IP20 / Class II |
| Impact strength: | IK04 |
| 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

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

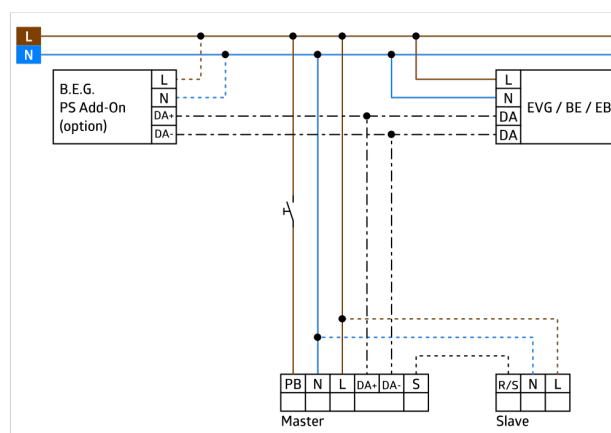
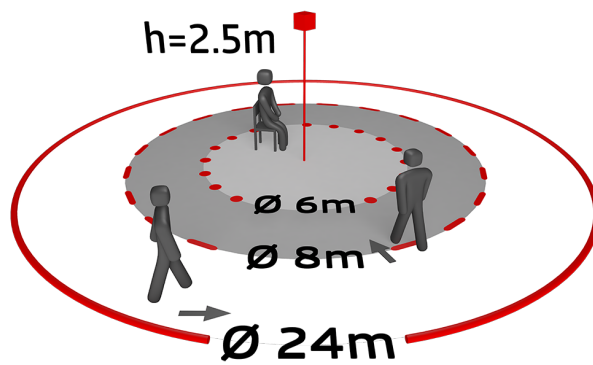
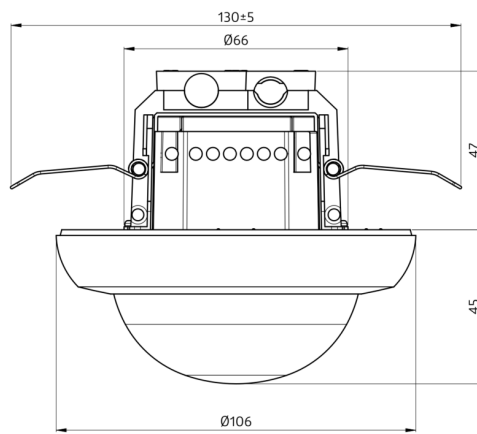
Accessory for surface mounting available

Accessories for wall mounting optionally available

Further accessories for colour matching optionally available

Application examples:

entrance halls, corridors/hallways, small offices, open-plan offices, conference rooms, classrooms/seminar rooms, sports halls/ storage rooms



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

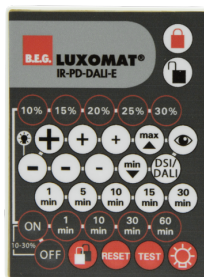
Battery: 3.0 V Lithium CR2032 (inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -



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 PD4N H

Art.No: 93786

Dimensions: Ø 110 x 45 mm
Degree / class of protection: IP54
Material color: anthracite, similar to RAL7016



SM socle mounting set IP54 PD4N H

Art.No: 93465

Dimensions: Ø 110 x 45 mm
Degree / class of protection: IP54
Material color: white, similar to RAL9010



SM socle mounting set IP54 PD4N H

Art.No: 93788

Dimensions: Ø 110 x 45 mm
Degree / class of protection: IP54
Material color: black, similar to RAL9005



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



SM socle mounting set IP65 PD4N
Art.No: 93314

Dimensions: 133 x 133 x 69 mm
Degree / class of protection: IP65
Material color: white



Corridor lens PD4N type A, Cover ring
Art.No: 93742

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



Corridor lens PD4N type A, Cover ring
Art.No: 93741

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



Corridor lens PD4N type A, Cover ring
Art.No: 93743

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



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



lens PD4N, Cover ring
Art.No: 93731

Detection area: horizontal 360° (Ceiling mounting)
Range: max. Ø 24 m across
max. Ø 8 m towards
max. Ø 6.4 m seated
Monitored area (tangential movement): 450 m² / 2.5 m mounting height



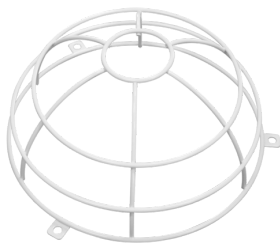
lens PD4N, Cover ring
Art.No: 93733

Detection area: horizontal 360° (Ceiling mounting)
Range: max. Ø 24 m across
max. Ø 8 m towards
max. Ø 6.4 m seated
Monitored area (tangential movement): 450 m² / 2.5 m mounting height



lens PD4N, Cover ring
Art.No: 93732

Detection area: horizontal 360° (Ceiling mounting)
Range: max. Ø 24 m across
max. Ø 8 m towards
max. Ø 6.4 m seated
Monitored area (tangential movement): 450 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



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