

**B.E.G.****LUXOMAT®**

## PD4-M-DACO-GH-SM DALI-2

Prod.No. 93469 EAN: 4007529934690

- Voltage: 230 V AC  $\pm 10\%$  50 Hz
- Dimensions:  $\varnothing$  101 x 76 mm
- Power consumption: approx. 2 W

### Areas of application

- high-bay warehouse
- sports halls/ storage rooms

### Order data

| Designation             | Colour | Art.No |
|-------------------------|--------|--------|
| PD4-M-DACO-GH-SM DALI-2 | white  | 93469  |

### 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  |
| Wire basket BSK ( $\varnothing$ 200 x 90 mm) | white       | 92199  |
| Blinds PD4                                   | transparent | 92313  |
| Pendulum mounting set PD2/3/4 SM             | white       | 93179  |

## Technical data

|   |  |
|---|--|
| Voltage:                                  | 230 V AC $\pm 10\%$<br>50 Hz   |
| Dimensions:                               | Ø 101 x 76 mm  |
| Power consumption:                        | approx. 2 W  |
| Slave devices:                            | up to 8  |
| Detection area:                           | horizontal 360°<br>oval (Ceiling<br>mounting)<br>30 m x 19<br>mmax. 30 m x<br>19 m across<br>max. 30 m x 19<br>m towards |
| Range:                                    |  |
| Monitored area (tangential<br>movement):  | 440 m <sup>2</sup> / 14 m<br>mounting<br>height  |
| Mounting height<br>min./max./recommended: | 5 m / 16 m / 14<br>m   |
| Degree / class of<br>protection:          | IP54 / Class II  |
| Impact strength:                          | IK04   |
| Ambient temperature:                      | -25 °C to +50<br>°C  |
| Housing:                                  | polycarbonate,<br>UV-resistant   |
| Material color:                           | white mat,<br>similar to<br>RAL9010  |

### Channel 1 (lighting control)

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

## Product information

Occupancy detector for large heights with integrated DALI application controller for energy-efficient lighting control

External telescopic light sensor for a mounting height between 5 and 16 m (mechanically adjustable) for measuring the light according to the application.

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 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

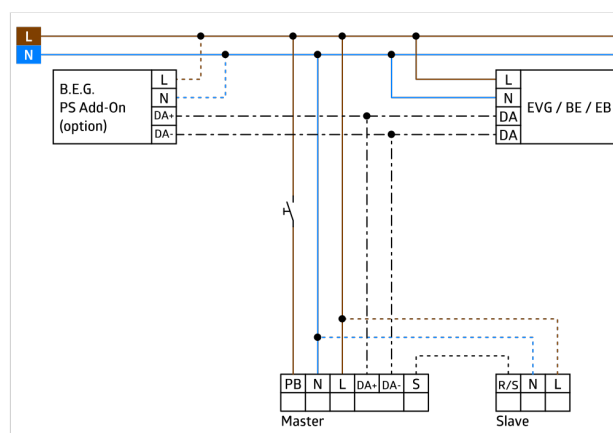
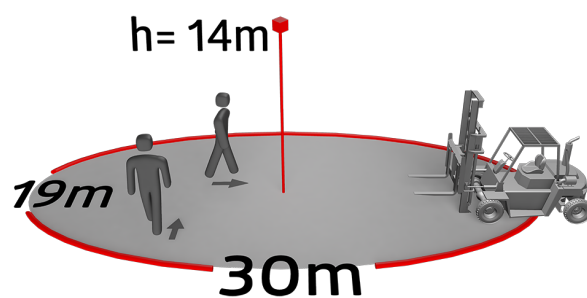
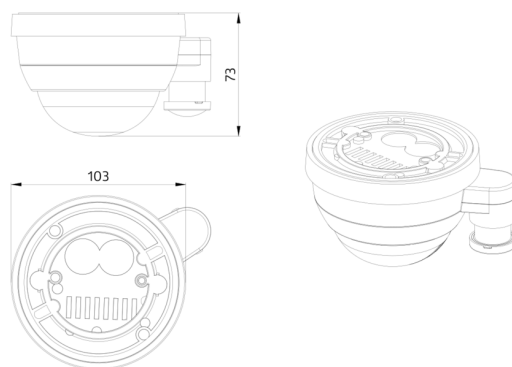
There are markings to ensure correct alignment during installation

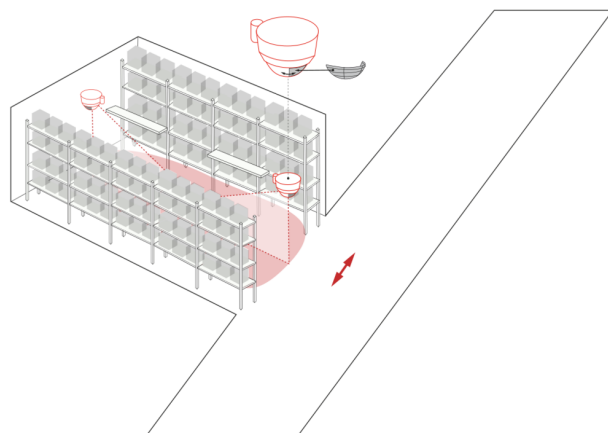
**When used in high-bay warehouses, care should be taken that, in the cross-aisles of the warehouse, detectors are installed that can detect movement only in the desired aisle locations, by using blinds or other technical arrangements.**

Surface-mount version

**Application examples:**

high-bay warehouse, 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

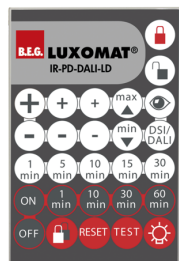
Dimensions: 47 x 19 x 10 mm  
Degree / class of protection: IP20  
Ambient temperature: -20 °C to +40 °C



### IR-PD-DALI

Art.No: 92094

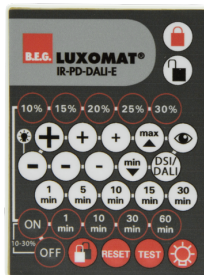
Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 mm  
Material color: -



### 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

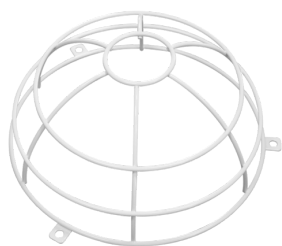
Battery: 3.0 V Lithium CR2032 (inclusive)  
Dimensions: 80 x 60 x 8 mm  
Material color: -



### IR-PD-DALI-Mini

Art.No: 92112

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



### Wire basket BSK (Ø 200 x 90 mm)

Art.No: 92199

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



### Blinds PD4

Art.No: 92313

Housing: Housing UV- and shockresistant Polycarbonate  
Material color: transparent



### Pendulum mounting set PD2/3/4 SM

Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø 113 x 34 mm  
Housing: polycarbonate, UV-resistant  
Material color: white, similar to RAL9010