B.E.G. LUXOMAT®



PD4-M-DACO-GH-SM
DALI-2 Set 93469-92199

DALI-2 PIR motion sensor with integrated DALI application controller, 360° coverage, and a detection area of up to 30 x 19 m (440 m²) at a mounting height of 16 m, for high-bay warehouses

Order data

Designation	Colour	Art.No
PD4-M-DACO-GH-SM DALI-2	white	93469
Wire basket BSK (Ø 200 x 90 mm)	white	92199

Areas of application

- high-bay warehouse
- sports halls/ storage rooms

Technical data

Voltage:	230 V AC ±10% 50 Hz
Dimensions:	**Ø 200 x 90 mm (92199)**
Power consumption:	approx. 2 W
Slave devices:	up to 8
Detection area:	horizontal 360° oval (Ceiling mounting)
Range:	30 m x 19 m
Monitored area (tangential movement):	440 m² / 14 m mounting height
Mounting height min./max./recommended:	5 m / 16 m / 14 m
Degree / class of protection:	IP54 / Class II
Impact strength:	**IK09 (92199)**
Ambient temperature:	-25 °C to +50 °C
Housing:	**polycarbonate, UV-resistant + coated steel basket (92199)**
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
Orientation light:	10 – 30 % / OFF / 5 min – 60 min / ∞
Brightness set value:	10 – 2500 Lux
Light measuring:	Mixed light measuring

Product information

Set : PD4-M-DACO-GH-SM DALI-2 + Wire basket BSK (Ø 200 x 90 mm) white

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

For further information
https://www.beg-luxomat.com/en-au/solutions/areas-of-application/great-mounting-heights/

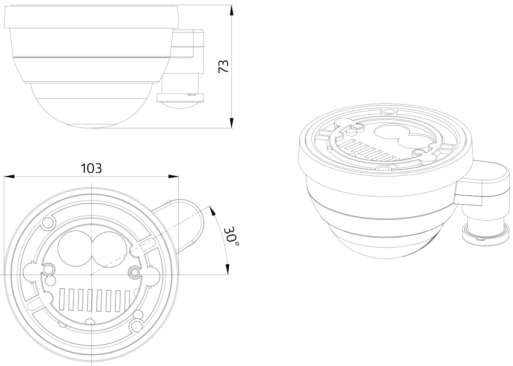
Software is backwards compatible with the first generation (except DSI, double lock and corridor function)

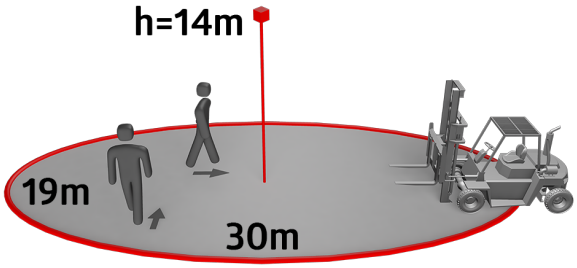
Factory setting 10 min follow-up time and 500 lux brightness set value

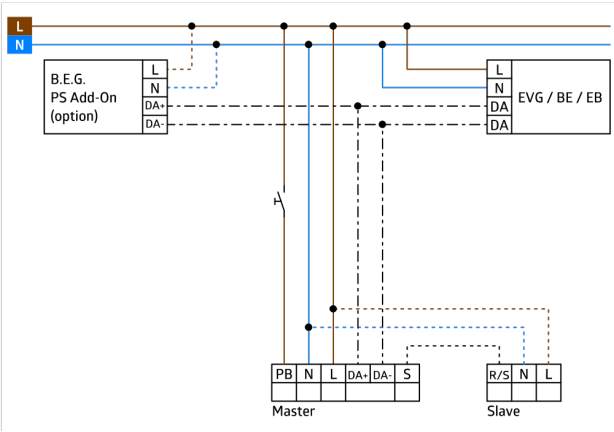
There are markings to ensure correct alignment during installation

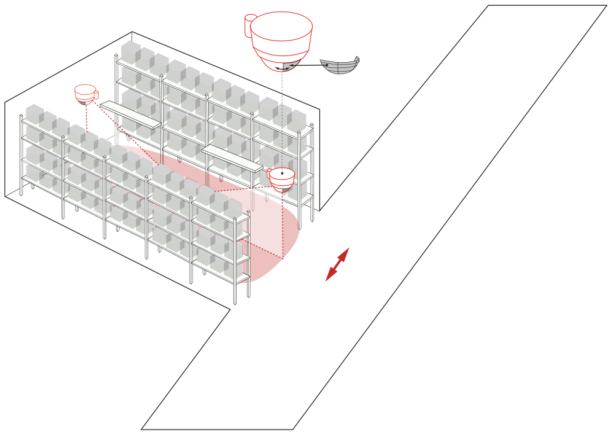
When used in high-bay warehouses, care should be taken that, in the cross-aisles of the warehouse, detectors are installed that can detect movement only in the desired aisle locations, by using blinds or other technical arrangements.

Surface-mount version


73
103
30°


h=14m
19m
30m


L
N
B.E.G.
PS Add-On
(option)
L
N
DA+
DA-
L
N
DA
DA
EVG / BE / EB
PB
N
L
DA+
DA-
S
Master
R/S
N
L
Slave



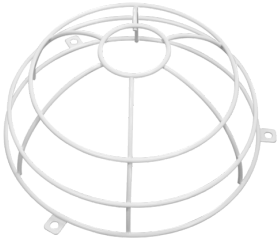
Set items

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



PD4-M-DACO-GH-SM DALI-2
Art.No: 93469

Voltage: 230 V AC ±10% 50 Hz
Dimensions: Ø 101 x 76 mm
Power consumption: approx. 2 W



Wire basket BSK (Ø 200 x 90 mm)
Art.No: 92199

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