

B.E.G.**LUXOMAT®**

PD11-M-DACO-FLAT DALI-2 Set 93459-92994

DALI-2 PIR motion detector with integrated DALI application controller, 360° detection, and a range of up to Ø9m (63 m²)

Areas of application

- small offices
- open-plan offices

Order data

Designation	Colour	Art.No
PD11-M-DACO-FLAT DALI-2	white	93459
Square design frame PD11-FC	white	92994

Technical data

Voltage:	230 V AC $\pm 10\%$ 50 Hz
Dimensions:	Sensor head: $\varnothing 43 \times 48$ mm, Power supply: $240 \times 26 \times 26$ mm + 54×54 $\times 2.6$ mm (92994)
Power consumption:	approx. 2 W
Slave devices:	up to 8
Detection area:	horizontal 360° (Ceiling mounting) max. $\varnothing 9$ m across max. $\varnothing 6$ m towards max. $\varnothing 3$ m seated
Range:	63 m ² / 2.5 m mounting height
Monitored area (tangential movement):	2 m / 5 m / 2.5 m
Mounting height min./max./recommended:	IP20 / Class II
Degree / class of protection:	IK02
Impact strength:	-25 °C to +50 °C
Ambient temperature:	polycarbonate, UV-resistant
Housing:	white mat, similar to RAL9010 (92994)
Material color:	50 cm
Cable length:	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 : PD11-M-DACO-FLAT DALI-2 + Square design
frame PD11-FC white mat, similar to RAL9010

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

Measuring of mixed light thanks to internal 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

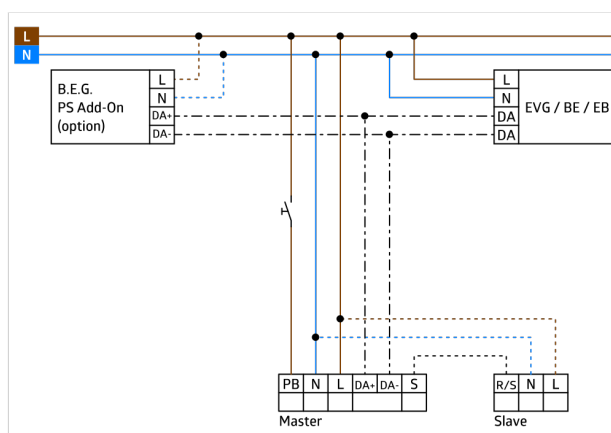
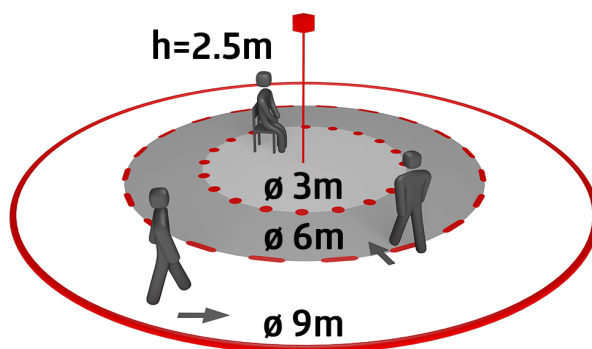
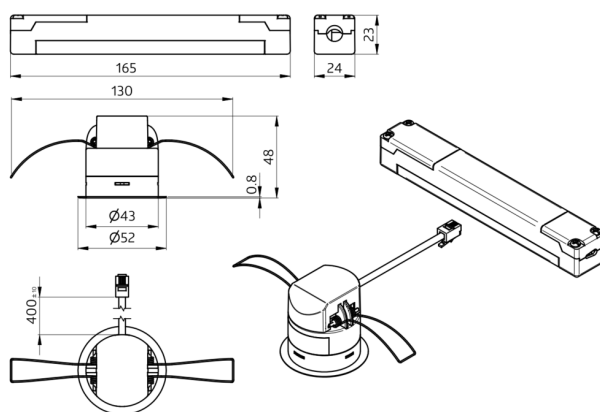
Software is backwards compatible with the first generation
(except DSI, double lock and corridor function)

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

Spring clips for quick and easy installation in suspended ceilings and light fittings

Includes blinds and clamp ring for installation into light fittings

Accessory for surface mounting available



Set items

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



PD11-M-DACO-FLAT DALI-2

Art.No: 93459

Voltage: 230 V AC $\pm 10\%$ 50 Hz

Dimensions: Sensor head: $\varnothing 43 \times 48$ mm, Power supply: $240 \times 26 \times 26$ mm

Power consumption: approx. 2 W



Square design frame PD11-FC

Art.No: 92994

Dimensions: $54 \times 54 \times 2.6$ mm

Housing: polycarbonate, UV-resistant

Material color: white mat, similar to RAL9010