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)

Order data

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

Areas of application

- small offices
- open-plan offices

Technical data

Voltage:	230 V AC ±10% 50 Hz
Dimensions:	**Sensor head: Ø 43 x 48 mm, Power supply: 240 x 26 x 26 mm + 54 x 54 x 2.6 mm (92994)**
Power consumption:	approx. 2 W
Slave devices:	up to 8
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 9 m across max. Ø 6 m towards max. Ø 3 m seated
Monitored area (tangential movement):	63 m² / 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:	IK02
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	**white mat, similar to RAL9010 (92994)**
Cable length:	50 cm
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

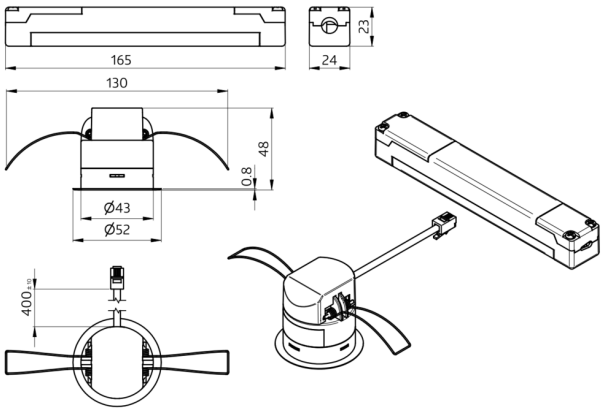
Software is backwards compatible with the first generation (except DSI, double lock and corridor function)

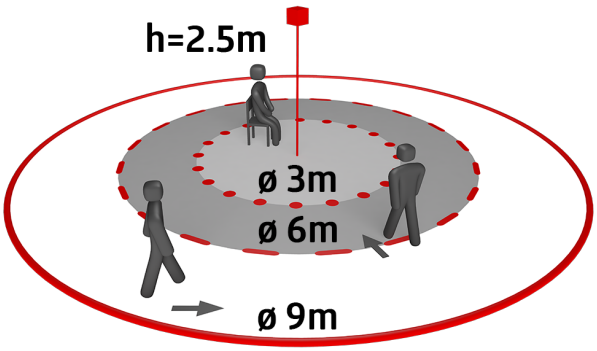
Factory setting 10 min follow-up time and 500 lux brightness set value

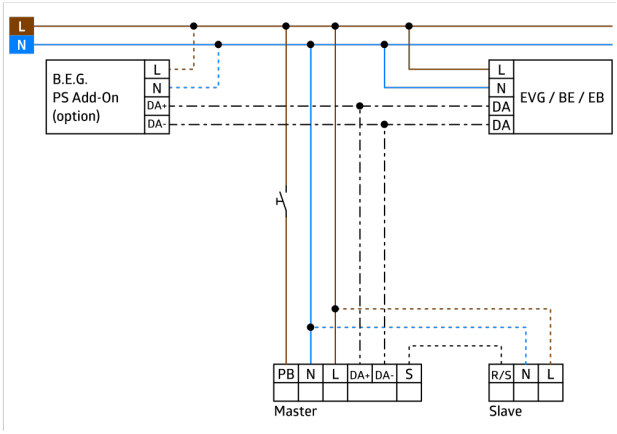
Spring clips for quick and easy installation in suspended ceilings and light fittings

Includes blinds and clamp ring for installation into light fittings

Accessory for surface mounting available


165
130
23
24
48
0.8
Ø43
Ø52
400


h=2.5m
ø 3m
ø 6m
ø 9m


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.



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Art.No: 93459

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Square design frame PD11-FC
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Housing: polycarbonate, UV-resistant
Material color: white mat, similar to RAL9010