

**B.E.G.****LUXOMAT®**

## PD2N-M-DACO-1C DALI-2 Bundle 93455-93772

- Voltage: 230 V AC  $\pm 10\%$  50 Hz
- Dimensions:  $\varnothing 84 \times 85$  mm
- Power consumption: approx. 2 W

### Order data

Designation	Colour	Art.No
PD2N-M-DACO-1C DALI-2 Bundle 93455-93772	traffic white	1898517849

### Areas of application

- small offices
- open-plan offices

## Technical data

Voltage:	230 V AC $\pm 10\%$ 50 Hz
Dimensions:	Ø 84 x 85 mm
Power consumption:	approx. 2 W
Slave devices:	up to 8
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	
Monitored area (tangential movement):	78 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:	IK05
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	<b>traffic white mat, similar to RAL9016 (93772)</b>
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 / $\infty$
Brightness set value:	10 – 2500 Lux
Channel 2 (HVAC or lighting control)	
Switching power:	2300 W, $\cos \varphi = 1$ 1150 VA, $\cos \varphi = 0.5$ 300 W LED max. inrush current $I_p$ (20 ms) = 165 A
Type of contact:	1x $\mu$ -contact, dry, bistable
Follow-up time:	5 min – 120 min, Alarm pulse, Pulse
Light measuring:	Mixed light measuring

## Product information

Bundle : PD2N-M-DACO-1C DALI-2 + Cover ring PD2N FC traffic white mat, similar to RAL9016
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
Powerful switching relay for different operating modes, e.g. Cut-off function for DALI ballasts, HVAC, blackboard illumination.
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

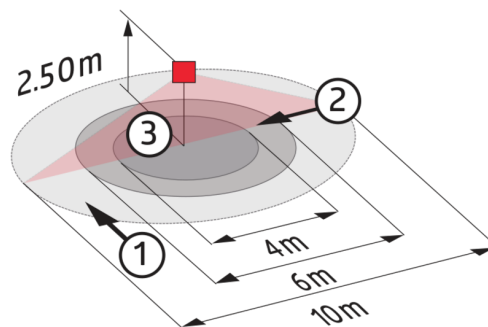
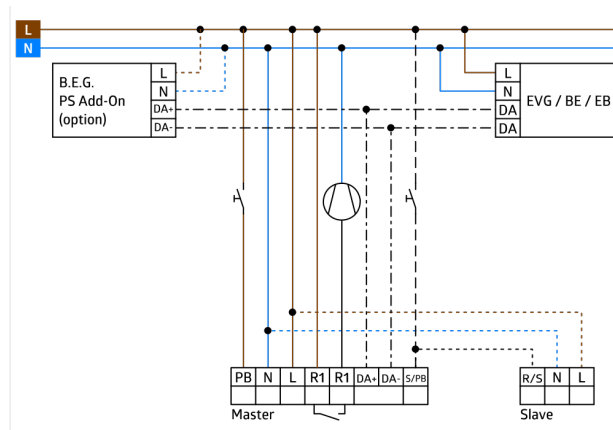
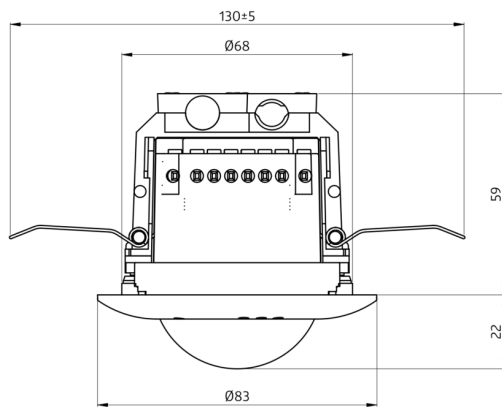
Avoidance of standby losses of the lighting system in accordance with EnEV DIN V 18599-4

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



## Bundle items

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



**PD2N-M-DACO-1C DALI-2**

Art.No: 93455

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

Dimensions:  $\varnothing$  84 x 85 mm

Power consumption: approx. 2 W



**Cover ring PD2N FC**

Art.No: 93772

Dimensions:  $\varnothing$  82 x 13 mm

Impact strength: IK05

Housing: polycarbonate, UV-resistant