

B.E.G.**LUXOMAT®**

PD4-M-DAA4G-FC

92591 EAN: 4007529925919

DALI PIR motion detector with integrated DALI application controller, 360° detection, and a range of up to Ø24m (450 m²), Multimaster, with switching relay

Areas of application

- conference rooms
- classrooms/seminar rooms

Order data

Designation	Colour	Art.No
PD4-M-DAA4G-FC	white	92591

Accessories

Designation	Colour	Art.No
BLE-IR-Adapter	black	93067
Wire basket BSK (Ø 164 x 143 mm)	white	92467
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Blinds PD4	transparent	92313

Technical data

Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 117 x 100 mm
Power consumption:	approx. 0.4 W horizontal 360°
Detection area:	(Ceiling mounting) max. Ø 24 m across
Range:	max. Ø 8 m towards max. Ø 6.4 m seated
Monitored area (tangential movement):	450 m ² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 10 m / 2.5 m
Degree / class of protection:	IP20 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010

DALI Control

DALI output:	up to 64 DALI ballasts , can be grouped into 3 DALI groups plus blackboard lighting or HVAC control
Follow-up time:	1 min – 150 min (Lighting zones)
Orientation light:	10 – 30 % / OFF / 5 min – 60 min / ∞
Brightness set value:	10 – 2000 Lux

Relay (dry NO)

Switching power:	2300 W, cos φ = 1 1150 VA, cos φ = 0.5 300 W LED
Follow-up time:	5 sec – 120 min (HVAC)
Light measuring:	Mixed light measuring

Product information

Flexible DALI Compact solution designed for conference rooms, training rooms and classrooms

High-sensitivity occupancy detector with the capability to address up to 64 DALI electronic ballasts (EB) automatically, with segmented control via 4 groups

Quick commissioning and maintenance processes via Smartphone/Tablet App (Android, iOS) - No PC-Tool required

3 lighting zones:

A for main lighting with segmented constant light regulation via 3 DALI groups and offset control,
B for lectern or blackboard lighting via separate DALI group,
C for lectern or blackboard lighting by integrated relay

Powerful switching relay for different operating modes, e.g. Cut-off function for DALI ballasts, HVAC, blackboard illumination.

Manual switching or dimming via conventional pushbuttons

Detection area can be extended with up to four Slave devices of type PD4-S-DAA4G

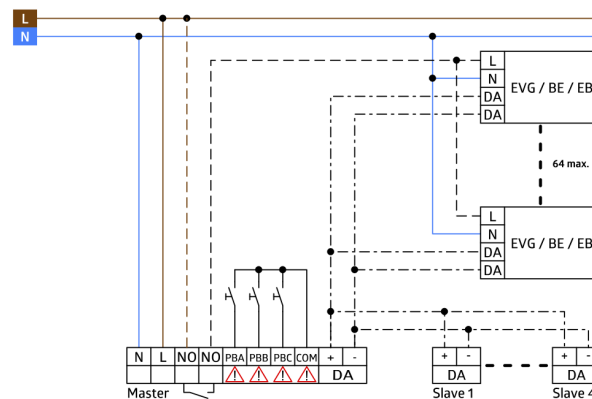
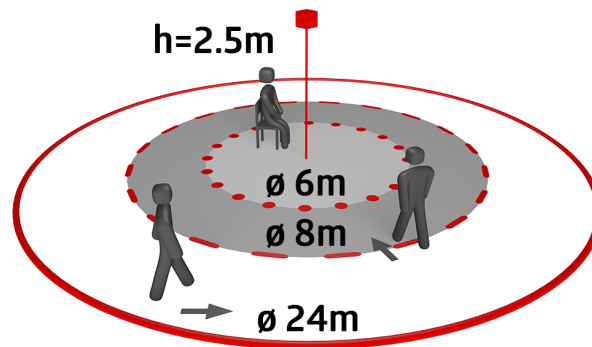
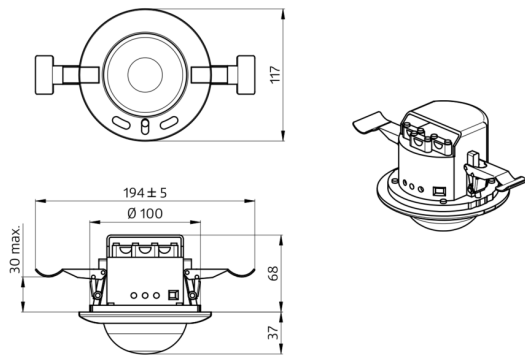
Complete range of functions can only be activated using the B.E.G. IR Adapter or the BLE-IR-Adapter and a compatible Smartphone or Tablet (Android, iOS).

External light sensor can be swivelled by 45

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

Application examples:

conference rooms, classrooms/seminar 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



Blinds PD4

Art.No: 92313

Housing: Housing UV- and shockresistant
Polycarbonate

Material color: transparent



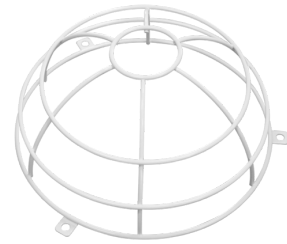
Wire basket BSK (Ø 164 x 143 mm)

Art.No: 92467

Dimensions: Ø 164 x 143 mm

Impact strength: IK09

Housing: coated steel basket



Wire basket BSK (Ø 200 x 90 mm)

Art.No: 92199

Dimensions: Ø 200 x 90 mm

Impact strength: IK09

Housing: coated steel basket