B.E.G. LUXOMAT® net



PD2N-BMS-FM DALI-2
Set 93544-93307

DALI-2 (BMS) PIR motion detector with 360° coverage and a range of up to Ø10m (78 m²), DALI-2 input device

Order data

Designation	Colour	Art.No
PD2N-BMS-FM DALI-2	white	93544
SM socle mounting set IP54 PD2N- / PD4N-FM	white	93307

Technical data

Voltage:	via DALI Bus, max. 22.5 V DC
Dimensions:	**Ø 106 x 42 mm + Ø 109 x 19 mm (93307)**
Settings:	via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304
Typ. power input:	7 mA
Settling time:	200 ms
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
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 + IP54 (93307)**
Impact strength:	IK05
Measured light output:	0 - 4095 Lux, Mixed light measuring
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant
Material color:	**white, similar to RAL9010 (93307)**

Product information

Set : PD2N-BMS-FM DALI-2 + SM socle mounting set IP54 PD2N- / PD4N-FM white, similar to RAL9010

DALI-2 multisensor (input device)

DALI-2 certified product

Powered via DALI bus

Bright LED indication for commissioning

DALI multimaster technology according to IEC 62386 part 103

Instance 0 provides information regarding occupancy and movement for the DALI-Bus according to IEC 62386 part 303

Instance 1 provides LUX values for the DALI-Bus according to IEC 62386 part 304

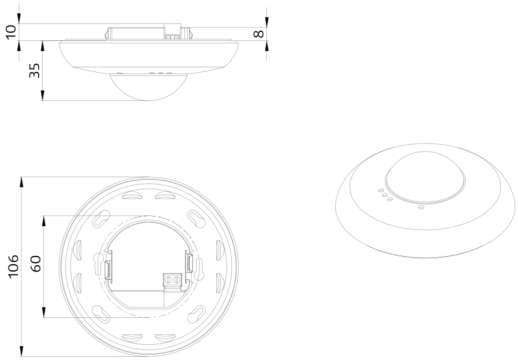
Parameterisation is possible via mandatory Multimaster-Application-Controller of any manufacturer. This controller must support IEC 62386 parts 101/103/303/304.

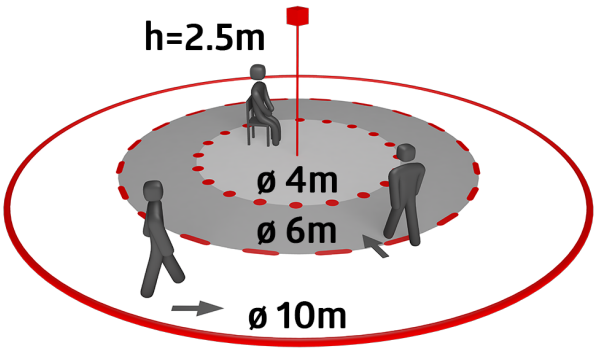
Mixed light measurement with internal and external light sensor

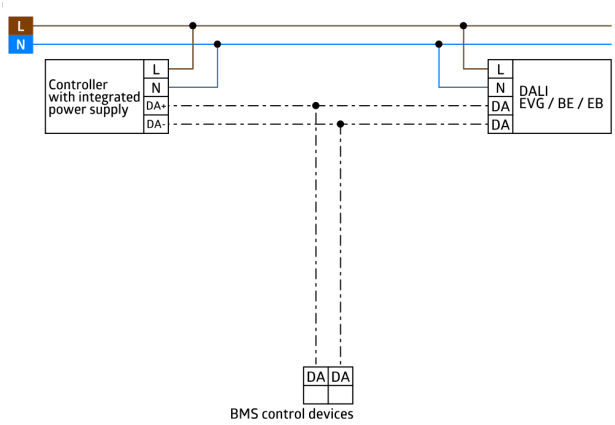
Detection area can be restricted with blinds

Individual adaption of the PIR sensor sensitivity

Status LEDs can be activated / deactivated


10
8
35
106
60


h=2.5m
ø 4m
ø 6m
ø 10m


L
N
Controller
with integrated
power supply
L
N
DA+
DA-
L
N
DA
DA
DALI
EVG / BE / EB
DA
DA
BMS control devices

Set items

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



PD2N-BMS-FM DALI-2
Art.No: 93544

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SM socle mounting set IP54 PD2N- / PD4N-FM
Art.No: 93307

Dimensions: Ø 109 x 19 mm
Degree / class of protection: IP54
Material color: white, similar to RAL9010