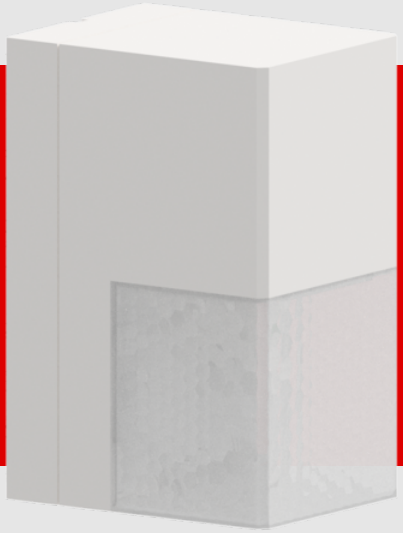
B.E.G. LUXOMAT® net



Aleum WB BMS2 DALI-2 Set 93555-92467

DALI-2 (BMS) Outdoor PIR Multisensor with 180° detection and a range of up to 16 m (400 m²), DALI-2 Input Device

Order data

Designation	Colour	Art.No
Aleum WB BMS2 DALI-2	white	93555
Wire basket BSK (Ø 164 x 143 mm)	white	92467

Areas of application

- outdoor areas (entrances/access roads)
- staircases

Technical data

Voltage:	via DALI Bus, max. 22.5 V DC
Dimensions:	**Ø 164 x 143 mm (92467)**
Typ. power input:	7 mA
Settling time:	200 ms
Power consumption:	approx. 0.5 W
Detection area:	horizontal 180° (Wall mounting)
Range:	max. 16 m across max. 5 m towards max. 3 m anti-creep protection
Monitored area (tangential movement):	400 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 4 m / 2.5 m
Degree / class of protection:	IP54 / Class II
Impact strength:	**IK09 (92467)**
Measured light output:	0 - 4095 Lux, Mixed light measuring
Ambient temperature:	-25 °C to +50 °C
Housing:	**polycarbonate, UV-resistant + coated steel basket (92467)**
Material color:	white mat, similar to RAL9010

Product information

Set : Aleum WB BMS2 DALI-2 + Wire basket BSK (Ø 164 x 143 mm) white

Motion detector with 180° detection area and creep protection

DALI-2 multisensor (input device)

DALI-2 certified product

Powered via DALI bus

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

Instances 2 to 6 provide information regarding the pressing of control buttons of a compatible mini-IR remote control according to IEC 62386 part 301 on the DALI bus

Parameterisation is possible via a mandatory Multimaster-Application-Controller of any manufacturer. This controller must support IEC 62386 parts 101/103/301/303/304.

Individual adaption of the PIR sensor sensitivity

Status LEDs can be activated / deactivated

Bit resolution of light sensor adjustable

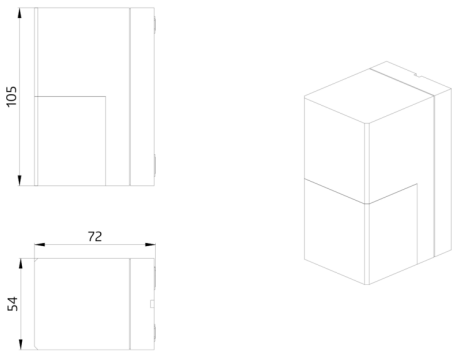
Reflection factor for calculated lux value adjustable

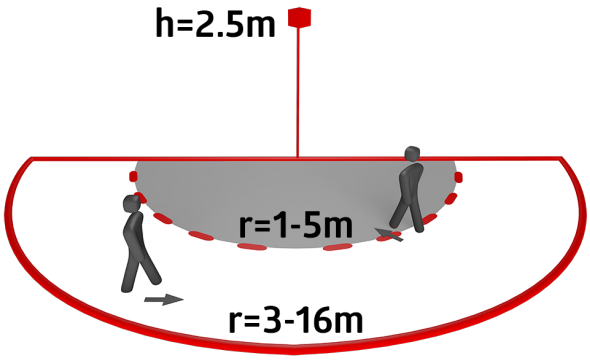
Bright LED indication for commissioning

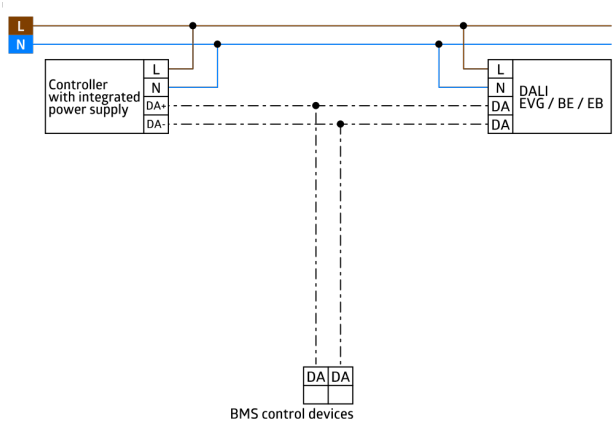
Mechanical range adjustment of different PIRs

Faulty switching due to animals can be avoided by reducing the sensitivity

Simple mounting thanks to plug base

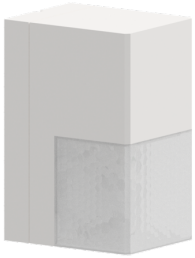

105
72
54


h=2.5m
r=1-5m
r=3-16m


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.



Aleum WB BMS2 DALI-2
Art.No: 93555

Voltage: via DALI Bus, max. 22.5 V DC
Dimensions: 71 x 54 x 105 mm
Typ. power input: 7 mA



Wire basket BSK (Ø 164 x 143 mm)
Art.No: 92467

Dimensions: Ø 164 x 143 mm
Impact strength: IK09
Housing: coated steel basket