

**B.E.G.****LUXOMAT<sup>®</sup>net**

## PD2N-BMS-FC DALI-2 Set 93543-93772-92199

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

### Order data

Designation	Colour	Art.No
PD2N-BMS-FC DALI-2	white	93543
Cover ring PD2N FC	traffic white	93772
Wire basket BSK (Ø 200 x 90 mm)	white	92199

## Technical data

Voltage:	via DALI Bus, max. 22.5 V DC
Dimensions:	<b>Ø 200 x 90 mm (92199)</b>
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) max. Ø 10 m across max. Ø 6 m towards max. Ø 4 m seated
Range:	
Monitored area (tangential movement):	78 m <sup>2</sup> / 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:	<b>IK09 (92199)</b>
Measured light output:	0 - 4095 Lux, Mixed light measuring
Ambient temperature:	-25 °C to +55 °C
Housing:	<b>polycarbonate, UV-resistant + coated steel basket (92199)</b> <b>traffic white mat, similar to RAL9016 (93772)</b>
Material color:	

## Product information

Set : PD2N-BMS-FC DALI-2 + Cover ring PD2N FC  
traffic white mat, similar to RAL9016 + Wire basket  
BSK (Ø 200 x 90 mm) white

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



## Set items

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



### **PD2N-BMS-FC DALI-2**

Art.No: 93543

Voltage: via DALI Bus, max. 22.5 V DC  
Dimensions: Ø 83 x 55 mm  
Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304



### **Cover ring PD2N FC**

Art.No: 93772

Dimensions: Ø 82 x 13 mm  
Impact strength: IK05  
Housing: polycarbonate, UV-resistant



### **Wire basket BSK (Ø 200 x 90 mm)**

Art.No: 92199

Dimensions: Ø 200 x 90 mm  
Impact strength: IK09  
Housing: coated steel basket