



## PD2N-OCCULOG-BMS2- FC DALI-2 Set 93488-93773-92199

DALI-2 certified product

Powered via DALI bus

DALI multimaster technology according to IEC  
62386 part 103

### Order data

| Designation                     | Colour | Art.No |
|---------------------------------|--------|--------|
| PD2N-OCCULOG-BMS2-FC DALI-2     | white  | 93488  |
| Cover ring PD2N FC              | black  | 93773  |
| Wire basket BSK (Ø 200 x 90 mm) | white  | 92199  |

## Technical data

|                                           |                                                                                                                                          |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage:                                  | via DALI Bus,<br>max. 22.5 V DC                                                                                                          |
| Dimensions:                               | <b>Ø 200 x 90 mm<br/>(92199)</b>                                                                                                         |
| Settings:                                 | via DALI-Bus and<br>application<br>which supports<br>DALI<br>multisensors<br>according to<br>IEC62386, parts<br>101, 103, 303<br>and 304 |
| Typ. power input:                         | 10 mA                                                                                                                                    |
| Settling time:                            | 200 ms                                                                                                                                   |
| Detection area:                           | horizontal 360°<br>(Ceiling<br>mounting)<br>max. Ø 10 m<br>across<br>max. Ø 6 m<br>towards<br>max. Ø 4 m<br>seated                       |
| Range:                                    |                                                                                                                                          |
| Monitored area<br>(tangential movement):  | 78 m² / 2.5 m<br>mounting height                                                                                                         |
| Mounting height<br>min./max./recommended: | 2 m / 5 m / 2.5<br>m                                                                                                                     |
| Degree / class of<br>protection:          | IP20 / Class II                                                                                                                          |
| Impact strength:                          | <b>IK09 (92199)</b>                                                                                                                      |
| Measured light output:                    | 0 - 4095 Lux,<br>Mixed light<br>measuring                                                                                                |
| Ambient temperature:                      | -25 °C to +55 °C                                                                                                                         |
| Housing:                                  | <b>polycarbonate,<br/>UV-resistant +<br/>coated steel<br/>basket (92199)</b>                                                             |
| Material color:                           | <b>black mat,<br/>similar to<br/>RAL9005<br/>(93773)</b>                                                                                 |

## Product information

Set : PD2N-OCCULOG-BMS2-FC DALI-2 + Cover ring  
PD2N FC black mat, similar to RAL9005 + Wire  
basket BSK (Ø 200 x 90 mm) white

DALI multisensor (input device) for installation in suspended  
ceilings. The data collected is used to monitor room  
occupancy, brightness, IR signals, temperature, humidity, and  
volatile organic compounds (VOCs)

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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

Instance 7 provides temperature information on the DALI bus  
in accordance with IEC 62386, Part 306

Instance 8 provides information regarding relative humidity in  
accordance with IEC 62386 Part 306 on the DALI bus

Instance 9 provides information regarding volatile organic  
compounds (VOCs) in accordance with IEC 62386 Part 306 on  
the DALI bus

Mixed light measurement with internal and external light  
sensor

Custom sensitivity adjustment of the PIR sensor via memory  
bank 2

Status LEDs are configurable via memory bank 2

Light sensor weighting can be adjusted via memory bank 2

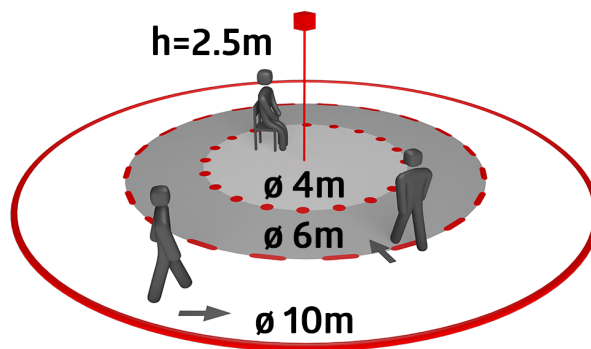
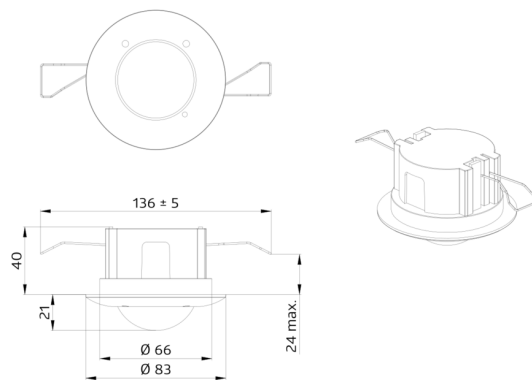
Light sensor bit resolution adjustable via memory bank 2

Reflectance factor for calculated lux value can be set via  
memory bank 2

Bright LED indication for commissioning

Spring-clamps

Cover plates for adjusting the detection zone



## Set items

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



### **PD2N-OCCULOG-BMS2-FC DALI-2**

Art.No: 93488

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: 93773

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