



**PD2N-OCCULOG-BMS2-
FC DALI-2 Set**
93488-93772-92199

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	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:	Ø 200 x 90 mm (92199) via DALI-Bus and application which supports DALI
Settings:	multisensors according to IEC62386, parts 101, 103, 303 and 304
Typ. power input:	10 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 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
Impact strength:	IK09 (92199) 0 - 4095 Lux, Mixed light measuring
Measured light output:	
Ambient temperature:	-25 °C to +55 °C
Housing:	polycarbonate, UV-resistant + coated steel basket (92199) traffic white mat, similar to RAL9016 (93772)
Material color:	

Product information

Set : PD2N-OCCULOG-BMS2-FC DALI-2 + Cover ring
PD2N FC traffic white mat, similar to RAL9016 + 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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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

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

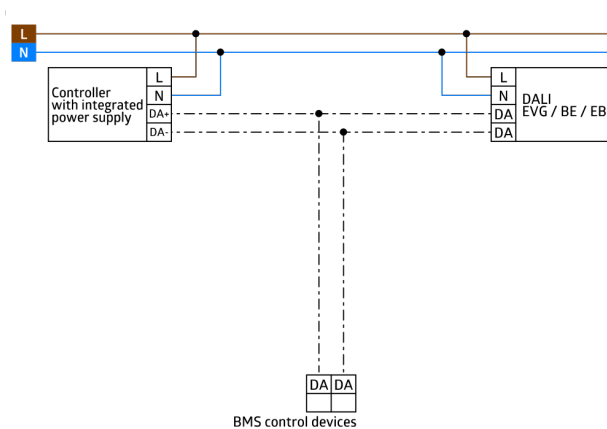
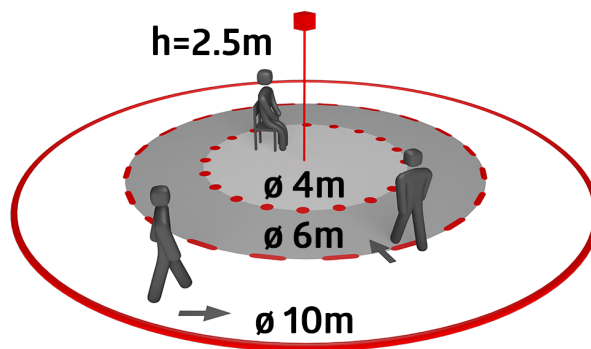
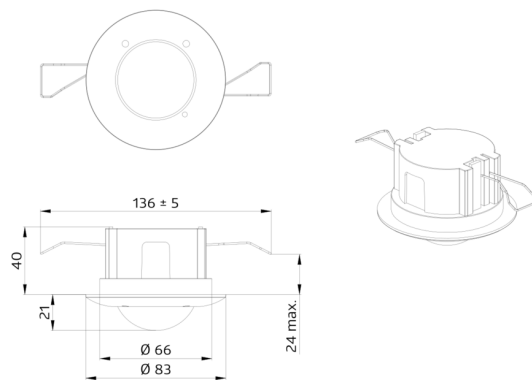
Light sensor bit resolution adjustable via memory bank 2

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

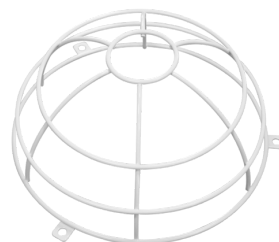
Voltage: via DALI Bus, max. 22.5 V DC
Dimensions: Ø 83 x 55 mm
Settings: via DALI-Bus and application which supports DALI multisensors according to IEC62386, parts 101, 103, 303 and 304



Cover ring PD2N FC

Art.No: 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