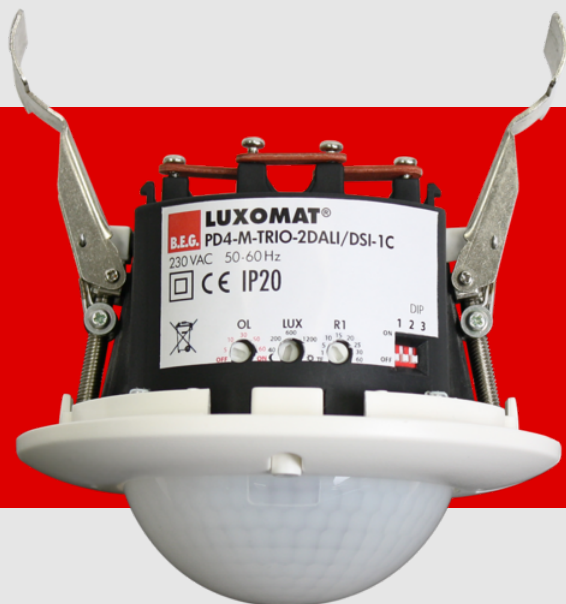


**B.E.G.****LUXOMAT®**

## PD4-M- TRIO-2DALI/DSI-1C-FC Set 92756-92467

Occupancy detector for two separate lighting groups, for daylight-dependent lighting control

One potential-free switching channel for control of equipment (HVAC) or lighting

Two independent, movable light sensors

### Order data

| Designation                      | Colour | Art.No |
|----------------------------------|--------|--------|
| PD4-M-TRIO-2DALI/DSI-1C-FC       | white  | 92756  |
| Wire basket BSK (Ø 164 x 143 mm) | white  | 92467  |

### Areas of application

- open-plan offices
- conference rooms
- classrooms/seminar rooms

## Technical data

|                                        |                                                                                                          |
|----------------------------------------|----------------------------------------------------------------------------------------------------------|
| Voltage:                               | 110 – 240 V AC<br>50 / 60 Hz                                                                             |
| Dimensions:                            | <b>Ø 164 x 143 mm (92467)</b>                                                                            |
| Power consumption:                     | approx. 2 W                                                                                              |
| Detection area:                        | horizontal 360°<br>(Ceiling mounting)<br>max. Ø 24 m across<br>max. Ø 8 m towards<br>max. Ø 6.4 m seated |
| Range:                                 |                                                                                                          |
| Monitored area (tangential movement):  | 450 m² / 2.5 m mounting height                                                                           |
| Mounting height min./max./recommended: | 2 m / 10 m / 2.5 m                                                                                       |
| Degree / class of protection:          | IP20 / Class II                                                                                          |
| Impact strength:                       | <b>IK09 (92467)</b>                                                                                      |
| Ambient temperature:                   | -25 °C to +50 °C                                                                                         |
| Housing:                               | <b>polycarbonate, UV-resistant + coated steel basket (92467)</b><br>white mat, similar to RAL9010        |
| Material color:                        |                                                                                                          |

### Channel 1 and Channel 2 (lighting control)

|                    |                                      |
|--------------------|--------------------------------------|
| DALI output:       | up to 25 DALI / DSI-EB per channel   |
| Orientation light: | 10 – 30 % / OFF / 1 min – 60 min / ∞ |

### Channel 3 (HVAC control or lighting control, potential-free (dry))

|                  |                                                                                                                                        |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Switching power: | 3000 W, $\cos \varphi = 1$<br>1500 VA, $\cos \varphi = 0.5$<br>800 W LED<br>max. inrush current $I_p$ (20ms) = 165 A, (200 µs) = 800 A |
| Type of contact: | 1x µ-contact, dry<br>NO contact with tungsten pre-make contact                                                                         |

### Channel 1 to channel 3

|                       |                       |
|-----------------------|-----------------------|
| Follow-up time:       | 1 min – 60 min        |
| Brightness set value: | 10 – 2000 Lux         |
| Light measuring:      | Mixed light measuring |

## Product information

Set : PD4-M-TRIO-2DALI/DSI-1C-FC + Wire basket BSK (Ø 164 x 143 mm) white

Occupancy detector for two separate lighting groups, for daylight-dependent lighting control

One potential-free switching channel for control of equipment (HVAC) or lighting

Two independent, movable light sensors

One common detection area

2 DALI/DSI interfaces for control of digital dimmable electronic ballasts as a group

Switching between DALI and DSI possible with remote control

Orientation light function

Relay with tungsten pre-make contact, optimised for LED loads

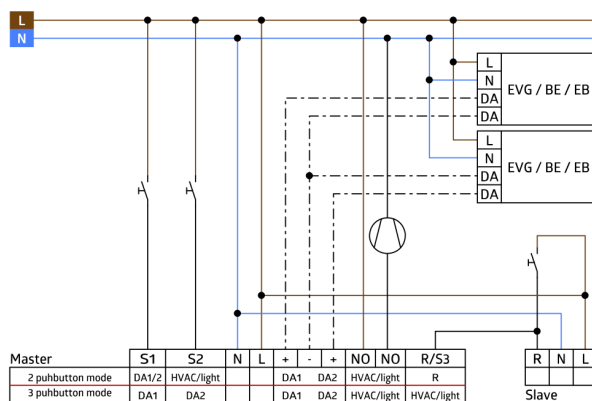
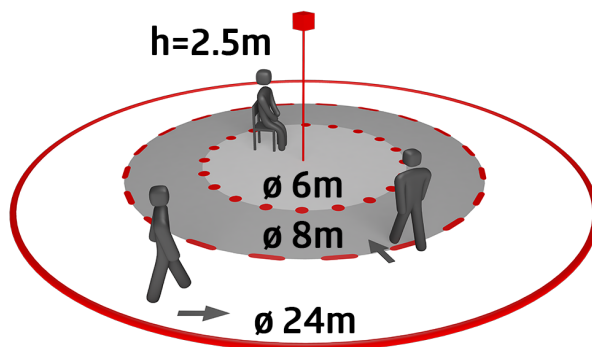
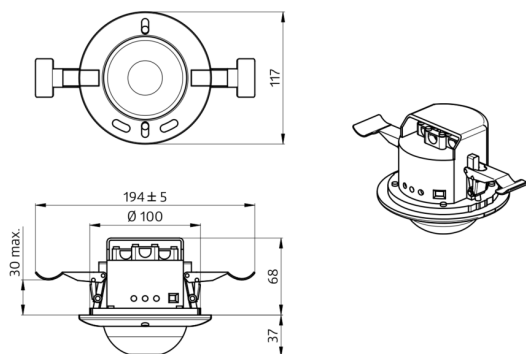
Version as master device

Detection area can be extended by using slave devices

Manual switching and dimming via push button possible

Semi-automatic, full-automatic or twilight switch mode

Additional functions can be set up using the optional remote control.



## Set items

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



**PD4-M-TRIO-2DALI/DSI-1C-FC**  
Art.No: 92756

Voltage: 110 – 240 V AC 50 / 60 Hz  
Dimensions: Ø 117 x 100 mm  
Power consumption: approx. 2 W



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

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