

**B.E.G.****LUXOMAT® net****PD4-M-DALI/DSI-1C**

Description	Colour	Part number	EAN number
PD4-M-DALI/DSI-1C-FC	white	92488	4007529924882



FC

Accessory	Colour	Part number	EAN number
IR-PD-DALI-1C	grey	92116	4007529921164
IR-PD-DALI-Mini	grey	92112	4007529921126
IR-Adapter for Smartphones	black	92726	4007529927265
Wire basket BSK (Ø 200 x 90 mm)	white	92199	4007529921997
PD4-S-FC	white	92254	4007529922543
RC-Arc extinction kit	white	10880	4007529108800
Mini-RC-Arc extinction kit	black	10882	4007529108824

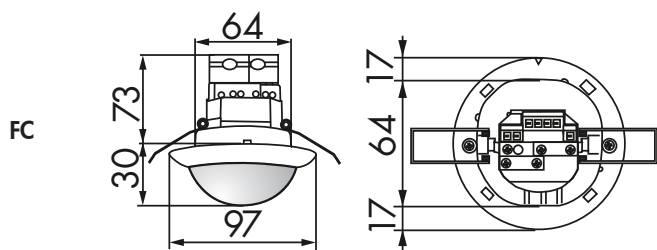
## ■ TECHNICAL DATA

<b>Voltage:</b>	110 - 240 V AC 50 / 60 Hz
<b>Typ. power input:</b>	approx. 1 W
<b>Detection area:</b>	360°
<b>Range:</b>	max. Ø 24 m across max. Ø 8 m towards max. Ø 6,4 m small movements
<b>Recommended mounting height:</b>	2.5m
<b>Degree / class of protection:</b>	IP20 / Class II
<b>Ambient temperature:</b>	-25 °C to +50 °C
<b>Housing:</b>	Polycarbonate, UV-resistant
<b>Remote control-capable:</b>	IR-Adapter for Smartphones, IR-PD-DALI-1C, IR-PD-DALI-Mini
<b>DALI output:</b>	up to 50 DALI / DSI EB
<b>Time settings:</b>	1 min - 30 min
<b>Lux value:</b>	10 - 2000 Lux
<b>Switching power:</b>	<b>Channel 1 (lighting control)</b> 2300 W, cos $\varphi$ = 1 1150 VA, cos $\varphi$ = 0.5 max. inrush current $I_p$ (20ms) = 165 A
<b>Type of contact:</b>	<b>Channel 2 (lighting or HVAC control)</b> NO contact with tungsten pre-make contact
<b>Time settings:</b>	5 min - 120 min, pulse, alarm pulse Mixed light measuring

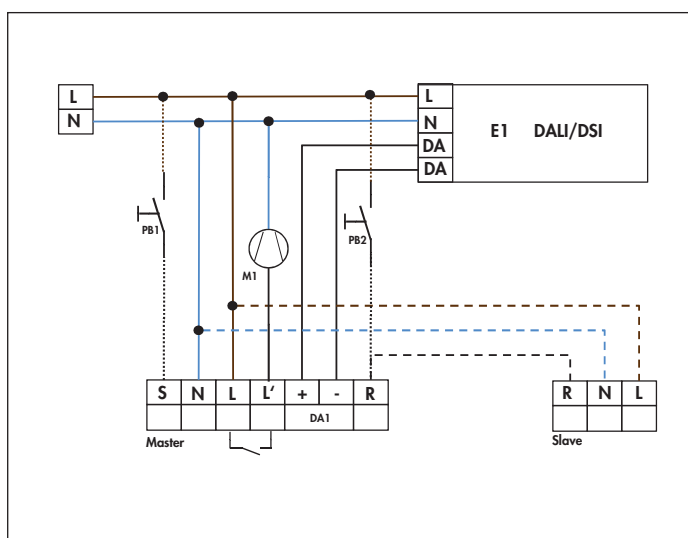
## **i** PRODUCT INFORMATION

- Occupancy detector with large detection range for daylight-dependent lighting control
- DALI / DSI interface for control of digital dimmable electronic ballasts as a group
- One additional switching channel with many functions: cut-off function for electronic ballast switchoff or HVAC function for energy-efficient control of heating, ventilation or air-conditioning units
- Switching between DALI and DSI programming possible with DIP switch and remote control
- Version as Master device
- Detection area can be extended with Slave devices
- Manual switching and dimming via push button possible
- Orientation light function
- Additional functions can be set up using the optional remote control.
- Factory settings 10 min and 500 lux

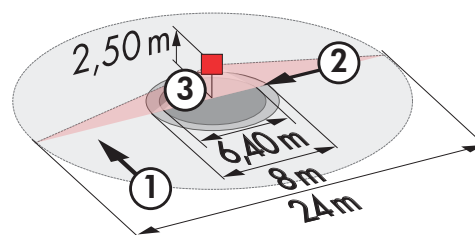
DIMENSIONS DRAWING



WIRING DIAGRAM



RANGE DIAGRAM



- ① Walking across
- ② Walking towards
- ③ Smaller movements