LUXOMAT®

PD4-M-2C-SM

Prod.No. 92140 EAN: 4007529921409

- Voltage: 110 – 240 V AC 50 / 60 Hz

- Dimensions: Ø 101 x 76 mm

- Power consumption: approx. 0.5 W

Order data

Designation	Colour	Art.No
PD4-M-2C-SM	white	92140

Areas of application

- open-plan offices

- conference rooms

- classrooms/seminar rooms

- underground car parks

- entrance halls

- corridors/hallways

- sports halls/ storage rooms

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD-2C	-	92475
IR-PD-Mini	-	92159
Surface mounting socket IP65 PD4-SM IP54	white	92376
Wall holder PD4-SM	white	92441
Wire basket BSK (Ø 200 x 90 mm)	white	92199
Blinds PD4	transparent	92313
Pendulum mounting set PD2/3/4 SM	white	93179

Technical data

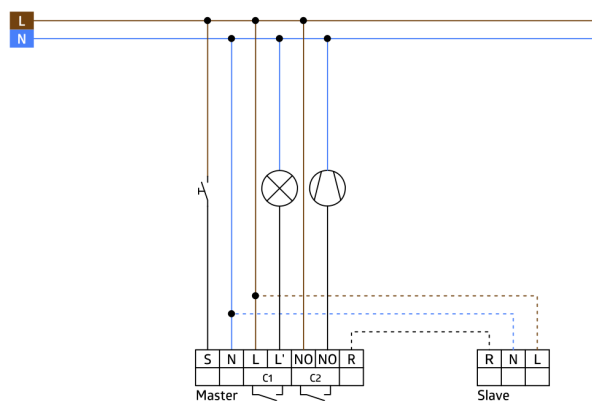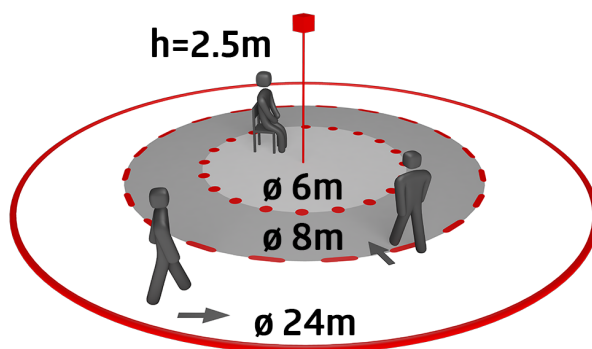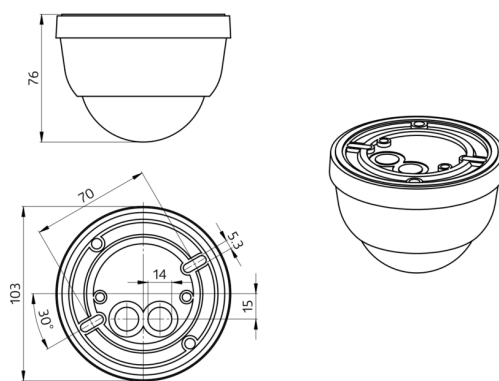|	
Voltage:	110 – 240 V AC 50 / 60 Hz
Dimensions:	Ø 101 x 76 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting)
Range:	max. Ø 24 m across max. Ø 8 m towards max. Ø 6.4 m seated
Monitored area (tangential movement):	450 m² / 2.5 m mounting height
Mounting height min./max./recommended:	2 m / 10 m / 2.5 m
Degree / class of protection:	IP54 / Class II
Impact strength:	IK04
Ambient temperature:	-25 °C to +50 °C
Housing:	polycarbonate, UV-resistant
Material color:	white mat, similar to RAL9010
Channel 1 (lighting control)	
Switching power:	2300 W, cos φ = 1 1150 VA, cos φ = 0.5 800 W LED max. inrush current Ip (20 ms) = 165 A max. inrush current Ip (200 µs) = 800 A
Type of contact (k):	1x µ-contact, NO contact with tungsten pre-make contact
Follow-up time:	15 sec – 30 min, Pulse
Switch-on threshold:	10 – 2000 Lux
Channel 2 (HVAC control potential-free (dry))	
Switching power:	3 A (230 V), cos φ = 1
Type of contact:	1x dry NO contact
Follow-up time:	5 min – 120 min, Alarm pulse, Pulse
Light measuring:	Mixed light measuring

Product information

Occupancy detector with extended detection area

One channel for light switching

One additional potential-free (dry) contact for HVAC

Version as master device

Detection area can be extended by using slave devices

Manual switching via push-button possible

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

Alarm pulse: the detector triggers only when three movements are detected within 9 seconds

Factory settings 10 min and 500 lux (15 min HVAC)

Zero crossing switching

Application examples:
open-plan offices, conference rooms, classrooms/seminar rooms, underground car parks, entrance halls, corridors/hallways, sports halls/ storage rooms

76

70

103

14

15

30°

h=2.5m

ø 6m

ø 8m

ø 24m

S	N	L	L'	NO	NO	R			R	N	L
			C1		C2						

Master

Slave

Accessories

RC-Arc extinction kit
Art.No: 10880

Voltage: 230 V AC ±10%
Dimensions: 38 x 12 x 26 mm
Degree / class of protection: IP20 /
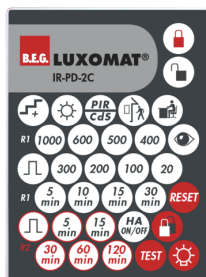Class II

Mini-RC-Arc extinction kit
Art.No: 10882

Voltage: 230 V AC ±10%
Dimensions: 50 x 23 x 8 mm
Degree / class of protection: IP20 /
Class II

BLE-IR-Adapter
Art.No: 93067

Dimensions: 40 x 55 x 103 mm
Material color: black
Frequency: 2.4 GHz ISM band, GFSK
0.2 dBm + 5.3 dBi = 5.5 dBm

IR-PD-2C
Art.No: 92475

Battery: 3.0 V Lithium CR2032
(inclusive)
Dimensions: 80 x 60 x 8 mm
Material color: -

IR-PD-Mini
Art.No: 92159

Battery: 3.0 V Lithium CR2032
(inclusive)
Dimensions: 57 x 35 x 7 mm
Material color: -

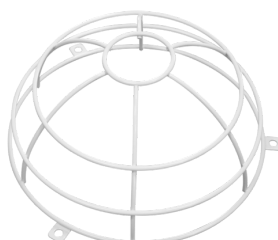**Surface mounting socket IP65
PD4-SM IP54**
Art.No: 92376

Dimensions: Ø 115 x 70 mm
Degree / class of protection: IP65
Impact strength: IK07

Wall holder PD4-SM
Art.No: 92441

Dimensions: 130 x 100 x 53 mm
Housing: polycarbonate, UV-resistant
Material color: white

**Wire basket BSK (Ø 200 x 90
mm)**
Art.No: 92199

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

Blinds PD4
Art.No: 92313

Housing: Housing UV- and
shockresistant Polycarbonate
Material color: transparent

Pendulum mounting set PD2/3/4 SM
Art.No: 93179

Dimensions: 1 : Ø 113 x 79 mm, 2 : Ø
113 x 34 mm
Housing: polycarbonate, UV-resistant
Material color: white, similar to RAL9010