

B.E.G.**LUXOMAT®**

PD4-M-3C-TRIO-SM

Prod.No. 92740 EAN: 4007529927401

- Voltage: 110 – 240 V AC 50 / 60 Hz
- Dimensions: Ø 124 x 85 mm
- Power consumption: approx. 0.5 W

Areas of application

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

Order data

Designation	Colour	Art.No
PD4-M-3C-TRIO-SM	white	92740

Accessories

Designation	Colour	Art.No
RC-Arc extinction kit	white	10880
Mini-RC-Arc extinction kit		10882
BLE-IR-Adapter	black	93067
IR-PD4-TRIO-3C	-	92851
Wire basket BSK (Ø 164 x 143 mm)	white	92467
Socket IP54 PD4-TRIO-SM	white	92386
Wall holder PD4-SM	white	92441
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 124 x 85 mm
Power consumption:	approx. 0.5 W
Detection area:	horizontal 360° (Ceiling mounting) max. Ø 24 m across max. Ø 8 m towards 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:	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:	3000 W, $\cos \varphi$ = 1 1500 VA, $\cos \varphi$ = 0.5 800 W LED max. inrush current I_p (20 ms) = 165 A max. inrush current I_p (200 µs) = 800 A
Type of contact (k):	1x µ-contact, NO contact with tungsten pre- make contact
Switch-on threshold:	10 – 2000 Lux

Channel 2 (lighting control potential-free (dry))

Switching power:	3000 W, $\cos \varphi$ = 1 1500 VA, $\cos \varphi$ = 0.5 800 W LED max. inrush current I_p (20 ms) = 165 A, I_p (200 µs) = 800 A
Switch-on threshold:	10 – 2000 Lux

Product information

Occupancy detector particularly for classrooms and training
classrooms

Two contacts, one of them dry, for two groups of light,
separate switching possible

One potential-free contact for blackboard illumination or HVAC

One common detection area

Two independent, movable light sensors

Manual switching possible via two or three pushbuttons

Version as master device

Detection area can be extended by using slave devices

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

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

Application examples:

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

Type of contact:

1x μ -contact,
dry NO contact
with tungsten
pre-make
contact

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

Switching power:

3000 W, $\cos \varphi$
= 1
1500 VA, $\cos \varphi$
= 0.5
800 W LED
max. inrush
current I_p
(20ms) = 120 A

Type of contact:

1x μ -contact,
dry NO contact

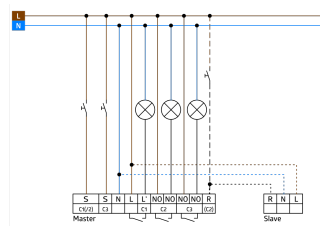
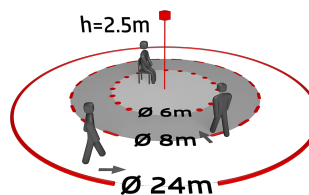
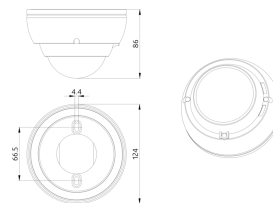
Channel 1 to channel 3

Follow-up time:

1 min – 90 min

Light measuring:

Mixed light
measuring



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

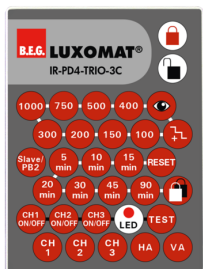
Voltage: 230 V AC ±10%
 Dimensions: 50 x 23 x 8 mm
 Degree / class of protection: IP20 / Class II



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-PD4-TRIO-3C

Art.No: 92851

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



Wire basket BSK (Ø 164 x 143 mm)

Art.No: 92467

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



Socket IP54 PD4-TRIO-SM

Art.No: 92386

Degree / class of protection: IP54
 Housing: polycarbonate, UV-resistant
 Material color: white



Wall holder PD4-SM

Art.No: 92441

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



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