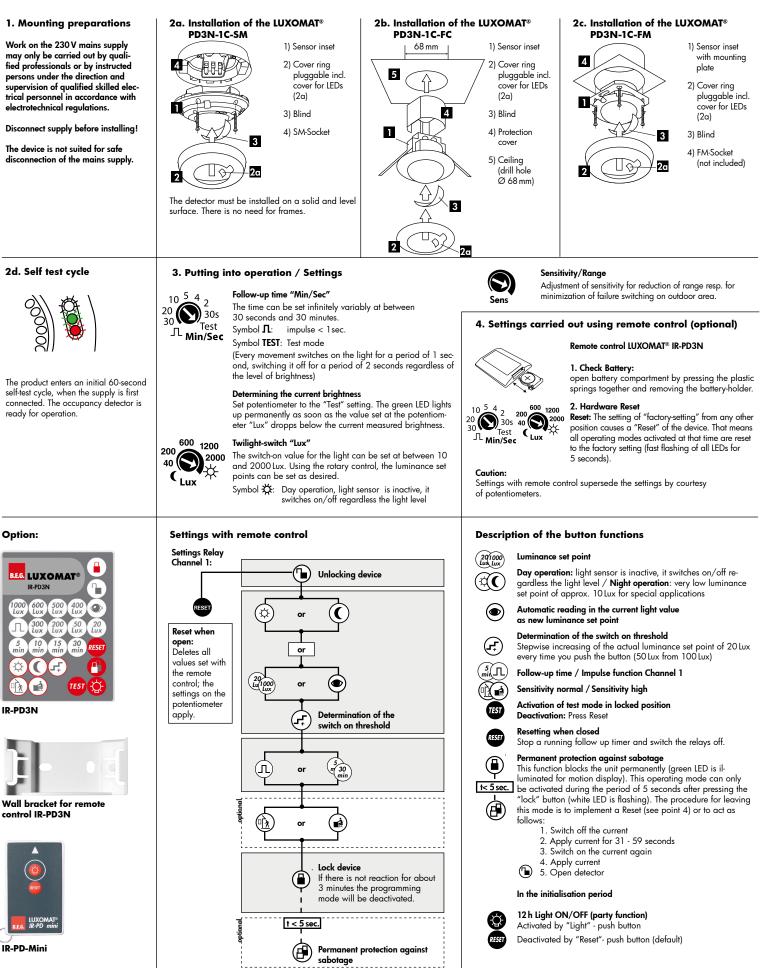
B.E.G. LUXOMAT® PD3N-1C

Installation and Operating Instruction

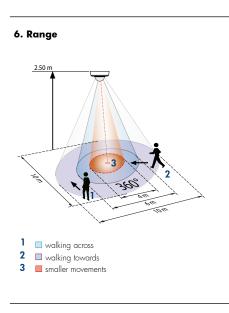


5. Manual Switching

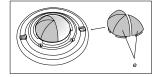
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You can switch the lighting on and off manually by pressing the pushbutton for a short time. It will stay on or off as long as people are detected plus the configured follow up time.

By pushing the button for more than 3 seconds the lighting will be switched on for 12 hours (Party program) and returns to full automatic mode after timeout.



7. Exclude sources of interference



In case the sensing area of the $\ensuremath{\text{LUXOMAT}}^{\ensuremath{\$}}\ensuremath{\,\text{PD3N-1C}}$ is too large or areas are being covered that should not be monitored, the range can be reduced or limited by using the enclosed masking clips.

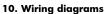
8. Article / Part no. / Accessory

Туре	SM	FC	FM
PD3N-1C	92190	92196	92186
LUXOMAT® Remote control IR-PD3N (incl. wall bracket IR-PD-Mini	-		92105 92159
Accessory: BSK Ball basket guard			92199

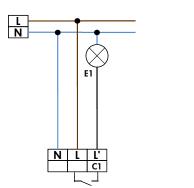
9. LED-functional indicators

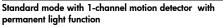
LED function indicators after each mains recovery (60 sec. initialisation period)				
Operating state	LED function indicators			
Double-locked	White and green shines for 5 sec. all 20 sec., after initialising notificatian			
	Indicator unprogrammed	Indicator programmed		
Standard mode	Red flashes	Red flashes quickly		
12 h ON/OFF active	Red and green flash	Red and green flash quickly		
LED function indic	ators during operation			

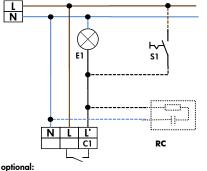
LED Inicitori malcalors doring operation		
Process	LED function indicators	
Motion detection	Red flashes on each detected movement	
Impulse mode active	Red and green flash one time all 4 sec.	
12 h ON/OFF function active	Red and green flash alternately	
IR command	White flashes once	
IR command "Open" and sabotage active	White and green flash once slowly	



Standard mode with 1-channel motion detector



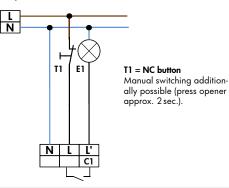




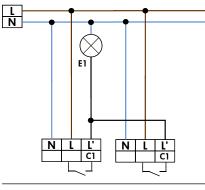
S1 = switch for permanent light

RC = RC-suppression kit if required

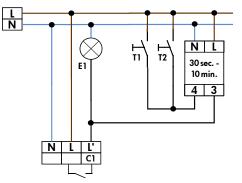
Standard mode with 1-channel motion detector with NC pushbutton



Parallel connection with 1-channel motion detectors (max. 8 parallel)



Standard mode with 1-channel motion detector (f.ex. stairs)



11. Technical data PD3N-1C

	514-1C			
Sensor and power supply Power supply: Terminal clamps: Power consumption: Ambient temperature: Degree of protection/class:	230 V~ ±10 % for single-wire conductor < 0.25 W -25°C - +50°C			
Settings:	via potentiometer or remote control			
Area of coverage: Range of coverage ØH2.	circular 360°			
B 1.11 · 1.7				
Recommended height for mounting: 2 · 3 m Lux values: 10 · 2000 Lux • Channel 1 for light-connection				
Type of contact:	NOC/with pretravel tungsten			
Type of condct.				
	contact and cero crossing			
	circuit			
Contact load:	$2300 \text{ W} \cos \varphi = 1 /$			
	1150 VA $\cos \varphi = 0.5$, μ -Contact			
Time-settings:	30 sec 30 min. / Test			
Dimensions H x Ø [mm]	SM FC FM			
PD3N	53 x 106 81 x 83 63 x 106			
Visible portion when built into ceiling: 34 x 106 mm				
C E Declaration of Conformity: The product complies with the low voltage recommendation 2006/95/EC and the EMV recommendation 2004/108/EC.				
12. Trouble shooting				
1. Lamp does not light up				
lama may be defect:				

Lamp may be defect: Replace lamps

- No mains connection/power:
- Check connection and mains fuse by qualified electrician
- Incorrect setting of CDS twilight threshold: Correct setting of CDS threshold
- Lens of sensor unit obstructed by dirt or other objects: Clean lens, remove objects

2. Lamp turns ON too late or detection range too small

LUXOMAT[®] PD3 is mounted too high: See table of mounting heights. Correct mounting if required.

3. Lamp stays ON continuously

Continuous thermal activity detected ie fan, central heating ducts, animals within detection area:

- Remove heatsource. Check proper function of **LUXOMAT**[®] PD3N by covering the fresnel-lens. After expiry of delay timer, PD3N has to turn OFF lighting.
- LUXOMAT® PD3N connected in parallel to a manual
- override switch: Connect switch correctly

4. Unintended switching of light

Movement of heat source within detection area: Check on presence of animals, fans or heaters

