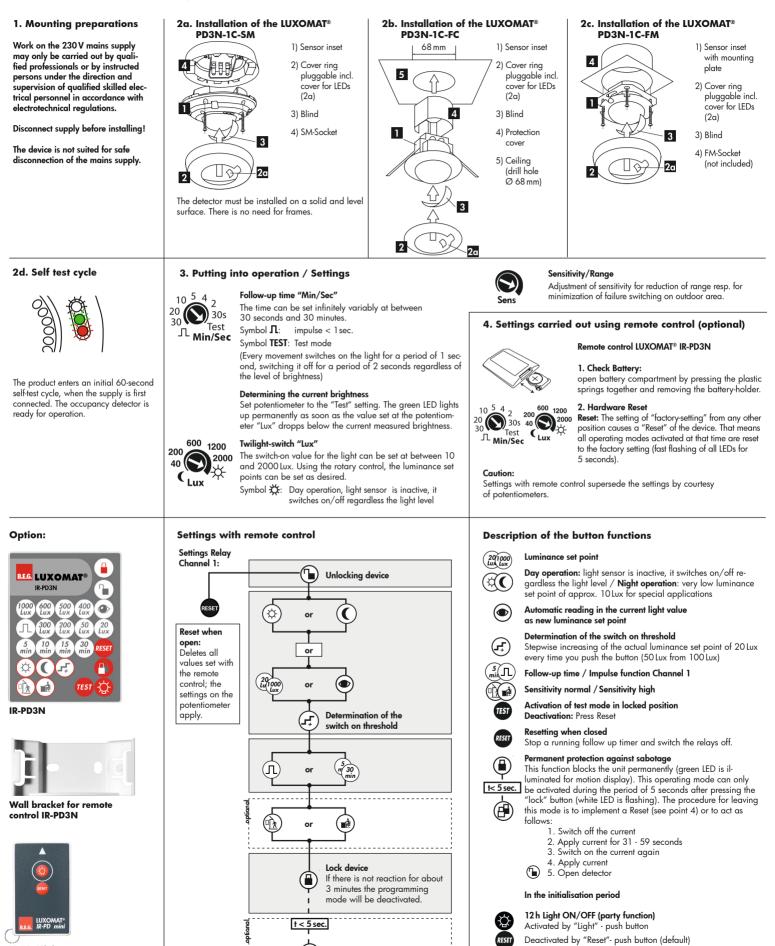


B.E.G. LUXOMAT[®] PD3N-1C

Installation and Operating Instruction



Permanent protection against

sabotage

RESET

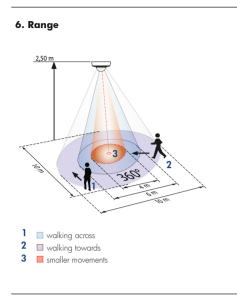
IR-PD-Mini

5. Manual Switching

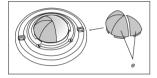


You can switch the lighting on and off manually by pressing the pushbutton for a short time. It will stay on or off as long as people are detected plus the configured follow up time.

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 **LUXOMAT®** 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

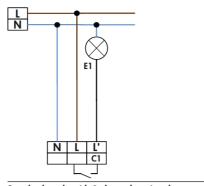
9. LED-functional indicators

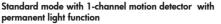
LED function indicators after each mains recovery (60 sec. initialisation period)				
Operating state	LED function indicators			
Double-locked	White and green shines for 5 sec. all 20 sec., after initialising notificatian			
	Indicator unprogrammed	Indicator programmed		
Standard mode	Red flashes	Red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

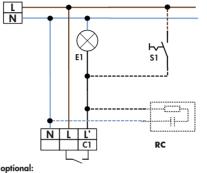
LED function indicators during operation		
Process	LED function indicators	
Motion detection	Red flashes on each detected movement	
Impulse mode active	Red and green flash one time all 4 sec.	
12 h ON/OFF function active	Red and green flash alternately	
IR command	White flashes once	
IR command "Open"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

10. Wiring diagrams

Standard mode with 1-channel motion detector

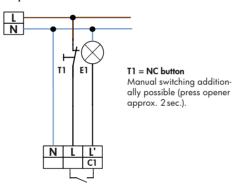




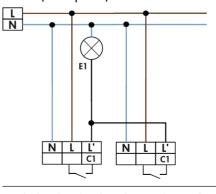


S1 = switch for permanent light RC = RC-suppression kit if required

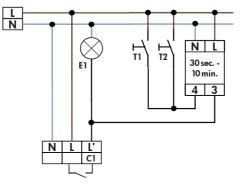
Standard mode with 1-channel motion detector with NC pushbutton



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



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



1

11. Technical data PD3N-1C				
Sensor and power supply i Power supply:	230 V~ ±10 %			
Terminal clamps:	for single-wire conductor			
Power consumption:	< 0.5 W			
Ambient temperature:	-25°C – +50°C			
Degree of protection/class:				
Caulana	FM = IP20 /Class II			
Settings:	via potentiometer or remote control			
Area of coverage: Range of coverage Ø H 2.	circular 360° 5 m / T= 18°C·			
Range of coverage 2 11 2.	smaller movements 4 m /			
	tangential 10 m / radial 6 m			
Recommended height for me	ounting: 2 - 3 m			
Lux values:	10 - 2000 Lux			
Channel 1 for light-connect				
Type of contact:	NOC/with pretravel tungsten contact and cero crossing			
	circuit			
Contact load:	2300 W cos $\phi = 1 /$			
	1150 VA $\cos \varphi = 0.5$, μ -Contact			
Time-settings:	30 sec 30 min. / Test			
Dimensions H x Ø [mm]	SM FC FM			
PD3N Visible partian when built	53 x 106 81 x 83 63 x 106			
Visible portion when built	1110 cening. 34 x 100 mm			
(E Declaration of Conform	ity: The product complies with			
the low voltage recommen-	dation 2006/95/EC and the			
EMV recommendation 200				
12. Trouble shooting				
1. Lamp does not light up				
Lamp may be defect: Replace lamps				
No mains connection/pow				
Check connection and mains fuse by qualified electrician				
Incorrect setting of CDS twi	light threshold:			
Correct setting of CDS th				
Lens of sensor unit obstruct				
Clean lens, remove obje	CTS			
2. Lamp turns ON too late	or detection range too small			
LUXOMAT® PD3 is mounted	too high:			
See table of mounting he				
Correct mounting if requ	ired.			
3. Lamp stays ON continuo	uslv			
	•			
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				
	3N 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				
check on presence or animals, fails or nearers				
13. PD3N-1C-Conne	13. PD3N-1C-Connections			
•				
	•			
	EI .			
	\otimes			

