

### LUXOMAT® PD4N-1C-SM/-FC/-FM



For monitoring  
large areas



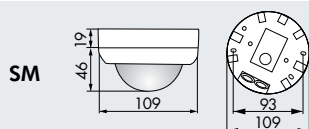
SM



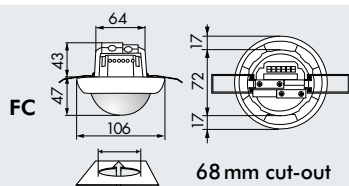
FC



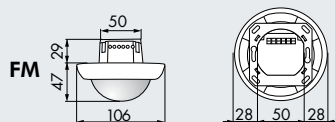
FM



SM



FC



FM

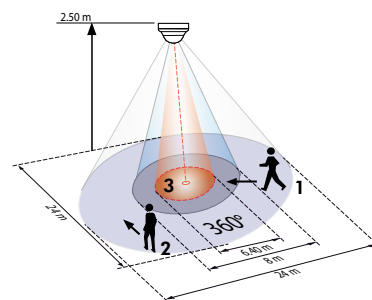
#### ■ TECHNICAL DATA

- ~ 230V~ ±10 %
- 360°
- across Ø 24.00 m  
towards Ø 8.00 m
- IP SM = IP44; FC = IP23;  
FM = IP20 / Class II / C
- SM Ø 109 x H 65 mm  
FC Ø 106 x H 90 mm  
FM Ø 106 x H 76 mm
- 25°C to +50°C
- Housing UV- and shock-resistant polycarbonate
- IR-PD3N, IR-PD-Mini
- Channel 1 (Control the lighting)**
- 2300 W, cos φ = 1;  
1150 VA, cos φ = 0.5
- 30 sec. - 30 min. or impulse
- 10 - 2000 Lux

- ▶ Remote controls on page 122, 126!
- ▶ Wiring diagrams on page 143 - 145!
- ▶ Application examples on page 172, 178!
- ▶ For maximum number of connectable lights, see page 22!
- ▶ Installation note - Arc extinction kit: on page 36!

#### i PRODUCT INFORMATION

- Remote controllable ceiling-mounted motion detectors LUXOMAT® PD4N-1C in surface-mount, ceiling-mount and flush-mount version with circular detection area and large range
- One channel to switch the lighting
- Switching for all types of light fixtures by high performance relay
- Optical system, designed for highest sensitivity
- Serial impulse function
- **Typical applications:** monitoring of large areas like underground garages, gyms, warehouses, loading ramps, halls



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

#### ■ ACCESSORY (OPTIONAL)

IR-PD3N



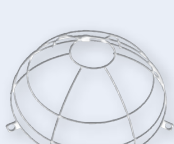
(to order  
separately)

IR-PD-Mini



(to order  
separately)

Wire basket



Blinds  
see page 36!



Arc extinction kit  
see page 36!

Description	Colour	Part number
PD4N-1C-SM	white	92144
PD4N-1C-FC	white	92149
PD4N-1C-FM	white	92151
<b>Accessory (optional)</b>		
LUXOMAT® IR-PD3N	grey	92105
LUXOMAT® IR-PD-Mini	grey	92159
Wire basket BSK	white	92199