

## PD-8 ECO

COM1 - surface black  
EAN 4007841 087883  
Article number 087883



infrared sensor 360°



ideal 1 - 2,5 m



Presence Ø 6 m



max. 8 m



IP54



2 - 1000 lux

Teach

Teach mode

5 years

manufacturer's  
warranty steinel-  
professional.de/  
garantie



CE

### Function description

Motion detection, presence detection and light measurement for offices, meeting rooms, passageways and more – the 360° IR presence detectors are sensNORM-compliant and ideal for sensor-based standard requirements in public buildings. With COM1, KNX and DALI-2 IPD interface. With COM1 interface, key input and fully/semi-automatic mode. Motion detection range: Ø 8 or Ø 24 m. Presence detector function with Ø 6 or Ø 7.5 m detection zone. Includes insertable cover caps in a matching colour. For concealed wiring, surface mounting and recessed ceiling installation. Configuration and operation via Smart Remote control or potentiometer. Installation-friendly modular magnetic plug-in connection. LED feedback for safe commissioning. Mounting height max. 4 m. Parallel switching (up to 10 sensors). Switching output: 2000 watt or 500 watt (LED). In black or white.

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## Technical specifications

Dimensions (Ø x H)	129 x 65 mm	Mounting height	2 – 4 m
With motion detector	Yes	Mounting height max.	4,00 m
Manufacturer's Warranty	5 years	Optimum mounting height	2,8 m
Settings via	Remote control, Smart Remote, Potentiometers	Detection angle	360 °
With remote control	No	Capability of masking out individual segments	Yes
Version	COM1 - surface black	Electronic scalability	No
PU1, EAN	4007841087883	Mechanical scalability	No
Type	Motion and Presence Detector	Reach, radial	Ø 4.5 m (16 m²)
Application, place	Indoors	Reach, tangential	Ø 8 m (50 m²)
Application, room	one-person office, function room / ancillary room, Indoors, warehouse	Reach, presence	Ø 6 m (28 m²)
Colour	black	Switching zones	492 switching zones
Includes corner wall mount	No	Cover material	shrouds
Installation site	ceiling	Functions	Motions sensor, Light sensor, Presence function, Presence detector logic, Semi-/fully automatic, Potentiometer, Relay output, Normal / test mode
Installation	Surface wiring, Ceiling	Twilight setting	2 – 1000 lx
IP-rating	IP54	Time setting	5 s – 60 Min.
Ambient temperature	from -20 up to 50 °C	Main light adjustable	No
Material	Plastic	Twilight setting TEACH	Yes
Switching output 1, resistive	2000 W	Constant-lighting control	No
Switching output 1, number of LEDs / fluorescent lamps	50 pcs.	Type of interconnection	Master/master
LED lamps > 8 W	500 W	Interconnection via	Cable
Capacitive load in µF	176 µF	Interconnection, number	max. 10 sensors
Technology, sensors	passive infrared, Light sensor	Product category	Motion and Presence Detector

## Accessories

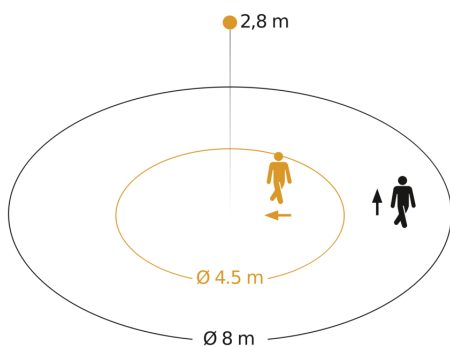
EAN 4007841 079543	Recessed adapter
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 592806	User remote control RC5
EAN 4007841 559410	Service remote control RC8

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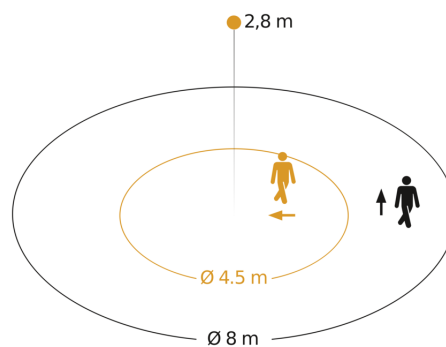


## Detection Zone 1



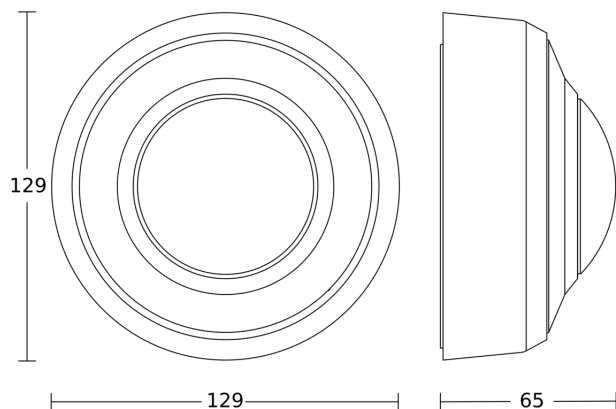
Possible mounting height: 2,00 m – 4,00 m  
Orange: radial  
Black: tangential

## Detection Zone 2

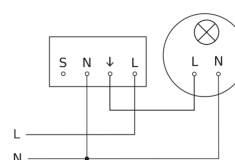


Possible mounting height: 2,00 m – 4,00 m  
Orange: radial  
Black: tangential

## Dimension Drawing



## Circuit diagram



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## Circuit diagram for interconnecting several sensors

