

PD-24 ECO

COM1 - in-ceiling installation black
EAN 4007841 087845
Article number 087845



easy install magnet



infrared sensor
360°



ideal 1 - 2,5 m



max. ø 24 m



Presence Ø 7,5 m



2 - 1000 lux



IP20

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)	109 x 114 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 - in-ceiling installation black	Electronic scalability	No
PU1, EAN	4007841087845	Mechanical scalability	No
Type	Motion and Presence Detector	Reach, radial	Ø 5.5 m (24 m²)
Application, place	Indoors	Reach, tangential	Ø 24 m (452 m²)
Application, room	one-person office, function room / ancillary room, Indoors, warehouse	Reach, presence	Ø 7.5 m (44 m²)
Colour	black	Switching zones	1436 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, Normal / test mode, Potentiometer, Relay output
Installation	In-ceiling installation, Ceiling	Twilight setting	2 – 1000 lx
IP-rating	IP20	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

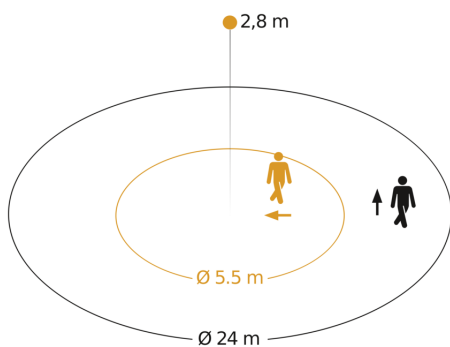
EAN 4007841 079543	Recessed adapter
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 592806	User remote control RC5
EAN 4007841 559410	Service remote control RC8

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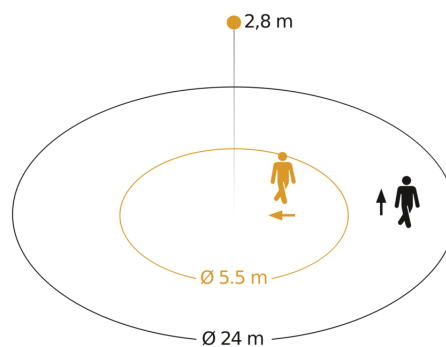


Detection Zone 1



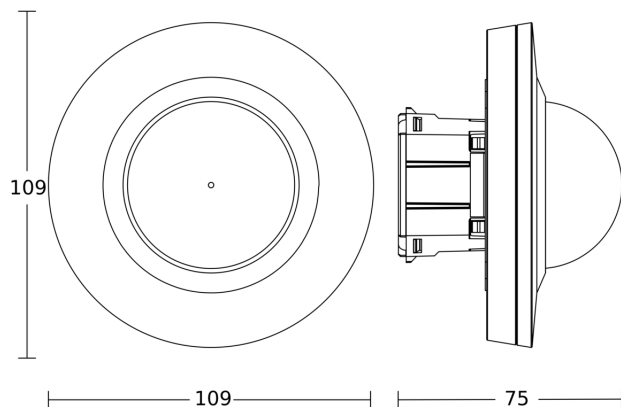
Possible mounting height: 2,00 m – 4,00 m
Orange: radial
Black: tangential

Detection Zone 2

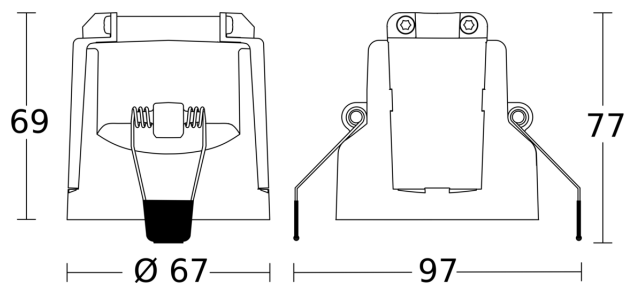


Possible mounting height: 2,00 m – 4,00 m
Orange: radial
Black: tangential

Dimension Drawing 1



Dimension Drawing 2



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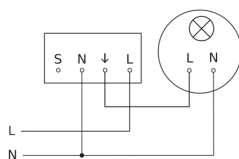
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Circuit diagram



Circuit diagram for interconnecting several sensors

