Presence detector - Professional Line

IR Quattro HD 24m

COM1 - surface white
EAN 4007841 592400
Article number 592400

.●steinel

infrared sensor 360°	max. 8 x 8 m presence	4800 zones	2000 W max. (LED-ready)	ideal 2,5 - 10 m	indoor sensor	IQ-mode	energy saving	manufacturer's warranty steinel-professional.de/ garantie	CE

Function description

Detection no finer! Infrared presence detector Presence Control PRO IR Quattro HD COM1 AP for indoors, ideal for medium to large-size offices, conference and meeting rooms, classrooms and lecture theatres, sports halls and warehouses, installation height up to 10 m, surface-mounting version for switching light 'ON' and 'OFF', 4800 switching zones for the ultimate in detection quality, presence detection over a true 64 m2, square detection zone, mechanically scalable.

Technical specifications

Dimensions (L x W x H)	65 x 120 x 120 mm
Manufacturer's Warranty	5 years
Settings via	Remote control, DIP switches, Potentiometers, Smart Remote
With remote control	No
Version	COM1 - surface white
PU1, EAN	4007841592400
Type	Presence detector
Application, place	Indoors
Application, room	classroom, lecture hall, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, sports hall, reception / lobby, multi-storey / underground car park
Colour	white
Colour, RAL	9010

Capacitive load in µF	176 µF
Technology, sensors	passive infrared, Light sensor
Mounting height	2,50 – 10,00 m
Mounting height max.	10,00 m
Optimum mounting height	2,8 m
Detection angle	360 °
Angle of aperture	160 °
Sneak-by guard	Yes
Capability of masking out individual segments	No
Electronic scalability	No
Mechanical scalability	Yes
Reach, radial	8 x 8 m (64 m²)
Reach, tangential	20 x 20 m (400 m²)
Reach, presence	8 x 8 m (64 m²)
Switching zones	4800 switching zones

https://www.steinel.de

IR Quattro HD 24m

COM1 - surface white
EAN 4007841 592400
Article number 592400

steinel

Technical specifications

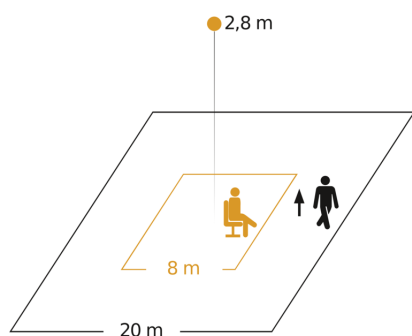|			
Includes corner wall mount	No	Functions	Normal / test mode, Semi-/fully automatic, Pushbutton / switch mode, Manual ON / ON-OFF, Constant-lighting control ON-OFF
Installation site	ceiling		
Installation	Surface wiring, Ceiling		
IP-rating	IP20	Twilight setting	10 – 1000 lx
Ambient temperature	-25 – 55 °C	Time setting	30 s – 30 Min.
Material	Plastic	Basic light level function	No
Mains power supply	230 V / 50 – 60 Hz	Main light adjustable	No
Fluorescent lamps, electronic ballast	1500 W	Twilight setting TEACH	Yes
Fluorescent lamps, uncorrected	1000 VA	Constant-lighting control	No
Fluorescent lamps, series-corrected	1000 VA	Interconnection	Yes
Fluorescent lamps, parallel-corrected	1000 VA	Type of interconnection	Master/master, Master/slave
Switching output 1, low-voltage halogen lamps	2000 VA	Interconnection via	Cable
LED lamps < 2 W	100 W	Interconnection, number	max. 10 sensors
LED lamps > 2 W < 8 W	300 W		
LED lamps > 8 W	600 W		

Accessories

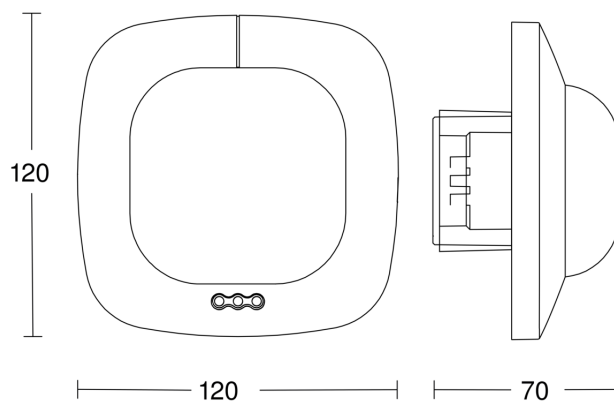|	
EAN 4007841 000363	Surface-mounted adapter Control Pro IP54
EAN 4007841 003036	Control PRO guard cage
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 559410	Service remote control RC8

IR Quattro HD 24m

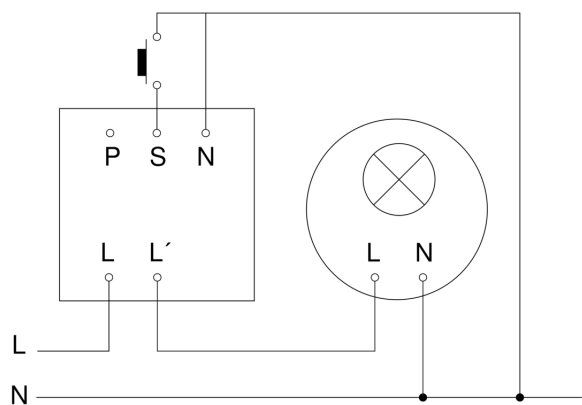COM1 - surface white
EAN 4007841 592400
Article number 592400

. steinel

Detection Zone

●2,8 m

8 m

20 m

Possible mounting height: 2,50 m – 10,00 m
Orange: presence
Black: tangential

Dimension Drawing

120

120

70
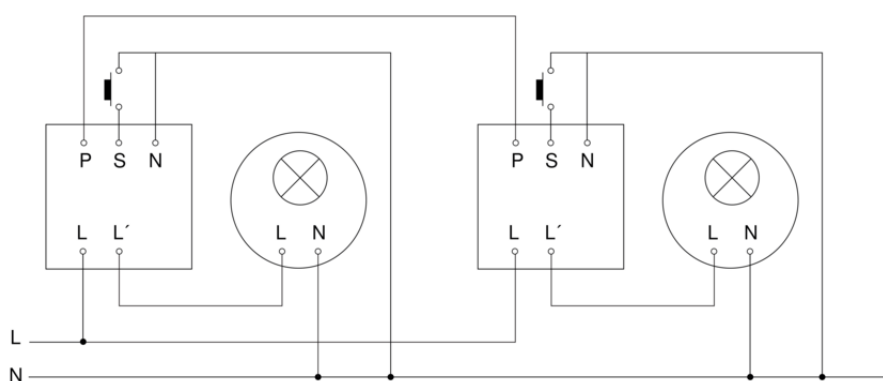
Master circuit diagram

P S N

L L´

L N

L

N

IR Quattro HD 24m

COM1 - surface white
EAN 4007841 592400
Article number 592400

steinel

Master/master interconnection circuit diagram

Master/slave interconnection circuit diagram