

IR Quattro HD-2 24m COM1 - in-ceiling installation white

neva
lux

PRESENCE DETECTOR

EAN 4007841079406

- Passive infrared presence detector with square 360° detection
- 5.200 switching zones for the finest detection
- Offers the largest detection range in our IR range
- 4 pyro sensors individually de-/activatable
- Sensitivity digitally adjustable
- Measures presence and brightness
- Temperature and humidity measurement with IP, KNX and DALI-2 IPD
- Setting and networking via Bluetooth
- Ideal for open-plan offices and classrooms

106 x 103 x 103 mm



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PRESENCE DETECTOR

IDENTIFICATION

PU1 EAN	4007841079406
Material number	110082760
SAP designation	PRAESENZMELDER IR Q HD-2 2 COM1 DE WS
Version	Presence detector
Product name data sheet	IR Quattro HD-2 24m COM1 - in-ceiling installation white
Product category	Presence detector
Discount group	P1
Source	Steinel Excel
Product status	Normal
Manufacturer	Steinel

Dimensions L x W x H	106 x 103 x 103 mm
PU1 net weight	0.185

Mains connection	220 – 240 V / 50 – 60 Hz
Switching output 1 resistive	2000 W
Fluorescent lamps ECG	1500 W
Fluorescent lamps uncompensated	1000 VA
Fluorescent lamps series-compensated	400 VA
Fluorescent lamps parallel-compensated	1000 VA
Switching output 1 low-voltage halogen lamps	2000 VA
LED lamps < 2 W	100 W
LED lamps > 2 W < 8 W	300 W
LED lamps > 8 W	600 W
Capacitive load in μF	176 μF

Own consumption	0,3 W
Switching output 1 number of LED/fluorescent lamps	8
Switching output 1 potential-free	No
Maximum inrush current	800 A

Max. mounting height	10,00 m
Sensor technology	passive infrared
Detection angle	360°
Sneak-under protection	Yes
Segment-by-segment masking	Yes
Electronic scalability	Yes
Mechanical scalability	Yes
Radial range	9 x 9 m (81 m²)
Tangential range	24 x 24 m (576 m²)
Switching zones	5200 switching zones
Mounting height	2,50 – 10,00 m
Presence range	9 x 9 m (81 m²)
Optimal mounting height	2,8 m
Nevalux sensor technology	BT SIG Mesh, On / Off

Networking	Yes
Networking via	Bluetooth Mesh

Soft light start	No
Continuous light	selectable
Constant light regulation	No

Twilight switch	Yes
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Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min
Base light function	No
Main light adjustable	No
Functions	Group parameterisation Semi-/fully automatic Manual ON / ON-OFF Neighbouring group function Normal / test mode Lighting scenario
Settings via	Bluetooth Mesh App Potentiometers Smartphone
With remote control	No
Twilight setting teach	Yes

Protection class (IP)	IP20
Ambient temperature	from -20 up to 50 °C
Mounting location	ceiling
Application location	Indoors
Mounting type	In-ceiling installation
Material	Plastic

Application room	lecture hall classroom open-plan office high-bay warehouse production facilities conference room meeting room duty room recreation room changing room reception / lobby sports hall multi-storey underground car park dining hall / staff restaurant
	Indoors
Colour	white
RAL colour	9003

Manufacturer warranty	5 years
Corner wall bracket included	No

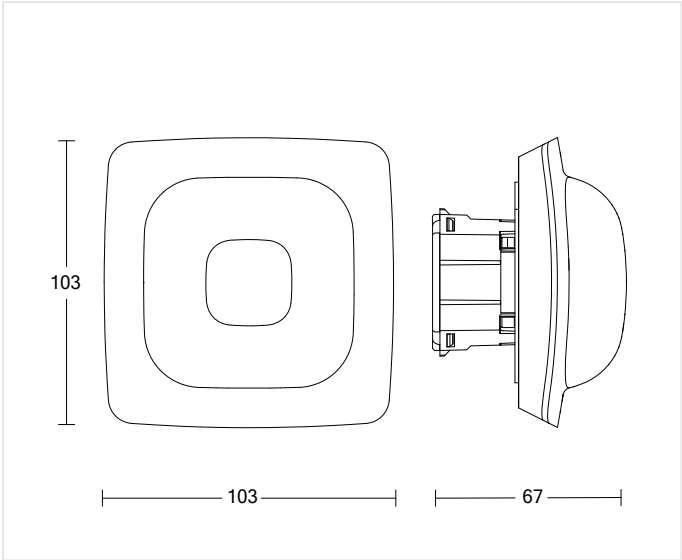
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Illustrations

TECHNICAL DRAWINGS



106 x 103 x 103 mm

MOUNTING HEIGHT

2,50 – 10,00 m BEREICH	2,8 m OPTIMAL	10,00 m MAX
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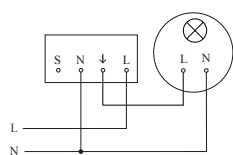
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Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

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Highlights



UV-resistant plastic

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841067335	Relais REL5A-Bluetooth	System components
 4007841067342	Tasterkoppler PC4-Bluetooth	System components

ORDERING INFORMATION

Art.-Nr.

079406

EAN

4007841079406

Typ

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