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

PRESENCE DETECTOR

EAN 4007841094522

- 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

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

PRESENCE DETECTOR

EAN 4007841094522

Technical Data

IDENTIFICATION

Variant	230V, 1 channel
Version	Presence detector

DIMENSIONS

Dimensions L × W × H	106 x 103 x 103 mm

ELECTRICAL

Mains connection	230 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 pcs.
Switching output 1 potential-free	No

SENSOR TECHNOLOGY

Max. mounting height	10,00 m
Sensor technology	passive infrared
Detection angle	360 °
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)
Mounting height	2,5 – 10,0 m
Presence range	9 x 9 m (81 m²)
Optimal mounting height	2,8 m

CONNECTIVITY

Networking	Yes
Networking via	Bluetooth Mesh

LIGHTING TECHNOLOGY

Soft light start	No
Continuous light	selectable
Constant light regulation	No

SETTINGS

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

HOUSING & MATERIAL

Protection class (IP)	IP20
Ambient temperature	-20…+50 °C
Mounting location	ceiling
Application location	Indoors
Mounting type	Recessed ceiling
Material	Plastic
Application room	Indoors, changing room, classroom, conference room / meeting room, dining hall / staff restaurant, duty room, high-bay warehouse, lecture hall, multi-storey / underground car park, open-plan office, production facilities, reception / lobby, recreation room, sports hall
Colour	Black
RAL colour	9005

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
Corner wall bracket included	No
Packaging unit	1 piece

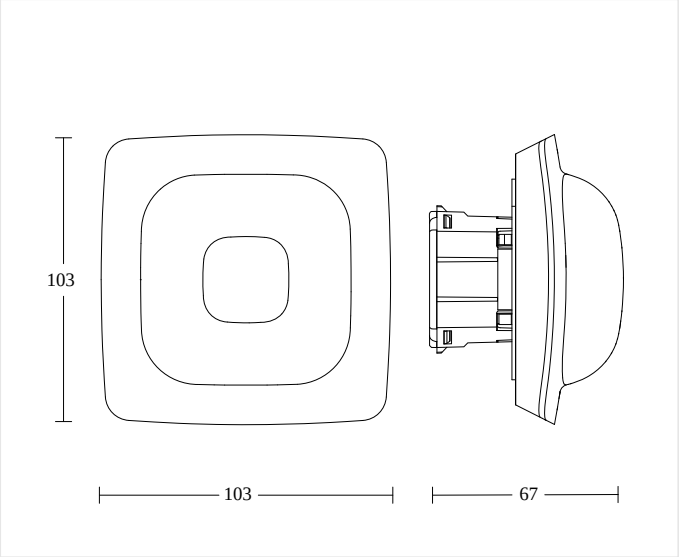
IR Quattro HD-2 24m COM1 - in-ceiling installation black

EAN 4007841094522

PRESENCE DETECTOR

Illustrations

TECHNICAL DRAWINGS



106 x 103 x 103 mm

MOUNTING HEIGHT

2,5 – 10,0 m	2,8 m	10,00 m
BEREICH	OPTIMAL	MAX

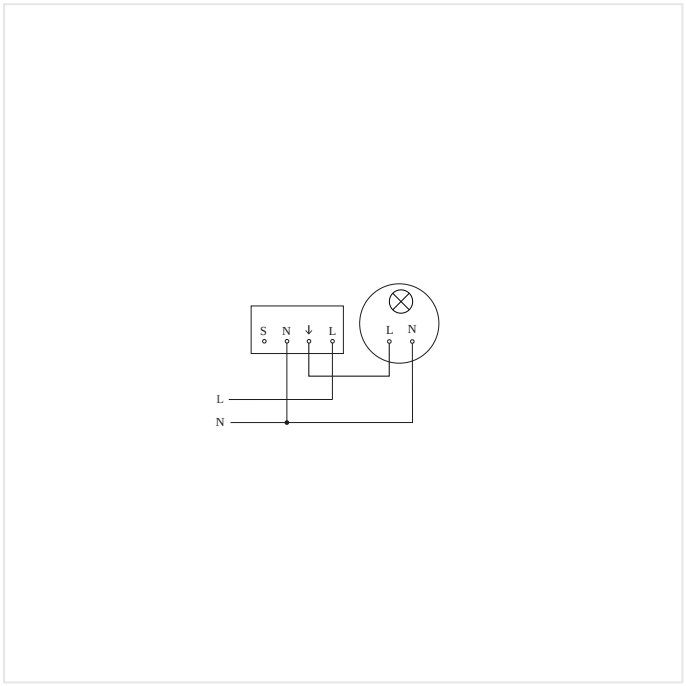
IR Quattro HD-2 24m COM1 - in-ceiling installation black

EAN 4007841094522

PRESENCE DETECTOR

Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

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

EAN 4007841094522

PRESENCE DETECTOR

Highlights



UV-resistant plastic

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

EAN 4007841094522

PRESENCE DETECTOR

Accessories

ORDERING INFORMATION

Art.-Nr.	094522
EAN	4007841094522

Typ **IR Quattro HD-2 24m COM1 - in-ceiling installation black**

nevalux AG
Neugrütstrasse 2
8610 Uster
+41 44 508 78 78
info@nevalux.swiss