Presence detector - Professional Line

IR Quattro HD-2 24m

COM1 - in-ceiling installation white
EAN 4007841 079406
Article number 079406

infrared sensor | ideal 2,5 - 10 m | 2 - 2000 lux | 5 sec - 60 min | Settings via App | movement | max. 8m x 8m presence | brightness | Teach mode | CE

Function description

Designed for the finest detection in the largest detection area among our infrared presence detectors. Ideal for open-plan offices or classrooms. Infrared presence detector IR Quattro HD-2 with 360° detection capability and 5,200 switching zones. Wireless setting, adjustment and interconnection via Bluetooth. Pyro sensor individually controllable. For installation in ceilings (COM1, KNX V3.5) as well as for concealed and surface mounting (COM1, COM2, DALI-2 IPD, KNX V3.5, IP und BT IPD). Measured variables: Presence function and light level as well as temperature and humidity on the basis of IP, KNX and DALI-2 IPD. Max. mounting height 10 m. Reach: 81 m2 (radial), 576 m2 (tangential).

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Technical specifications

Dimensions (L x W x H)	106 x 103 x 103 mm
Manufacturer's Warranty	5 years
Settings via	Bluetooth Mesh, App, Potentiometers, Smartphone
With remote control	No
Version	COM1 - in-ceiling installation white
PU1, EAN	4007841079406
Type	Presence detector
Application, place	Indoors
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
Colour, RAL	9003
Includes corner wall mount	No
Installation site	ceiling
Installation	In-ceiling installation, Ceiling
IP-rating	IP20
Ambient temperature	from -20 up to 50 °C
Material	Plastic
Mains power supply	220 – 240 V / 50 – 60 Hz
Switching output 1, resistive	2000 W
Switching output 1, number of LEDs / fluorescent lamps	8 pcs.
Switching output 1, floating	No
Fluorescent lamps, electronic ballast	1500 W
Fluorescent lamps, uncorrected	1000 VA
Fluorescent lamps, series-corrected	400 VA
Fluorescent lamps, parallel-corrected	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
Power consumption	0,3 W
Technology, sensors	Light sensor, passive infrared
Mounting height	2,50 – 10,00 m
Mounting height max.	10,00 m
Optimum mounting height	2,8 m
Detection angle	360 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Mechanical scalability	Yes
Reach, radial	9 x 9 m (81 m^2)
Reach, tangential	24 x 24 m (576 m^2)
Reach, presence	9 x 9 m (81 m^2)
Switching zones	5200 switching zones
Functions	Group parameterisation, Semi-/fully automatic, Manual ON / ON-OFF, Neighbouring group function, Normal / test mode, Lighting scenario
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	Yes
Constant-lighting control	No
Interconnection	Yes
Interconnection via	Bluetooth Mesh
Product category	Presence detector

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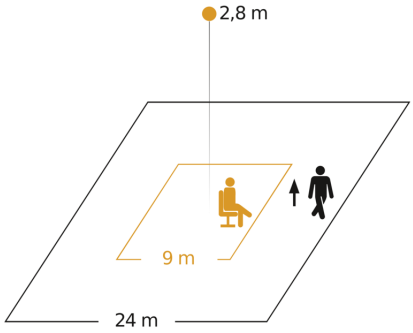
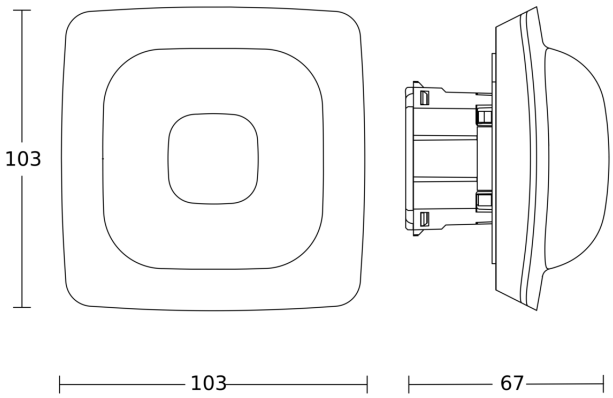
Detection Zone

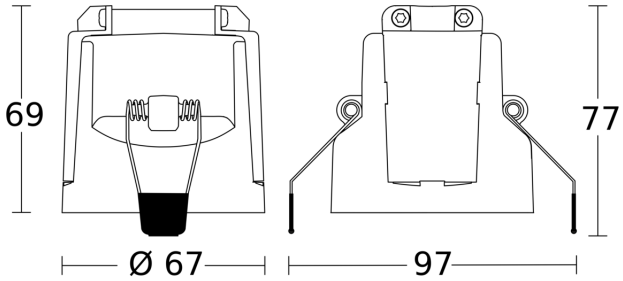
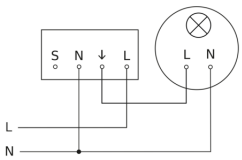


Possible mounting height: 2,50 m - 10,00 m
Orange: presence
Black: tangential

Dimension Drawing 1



Dimension Drawing 2



Master circuit diagram