Motion detector - Professional Line

MD IR N270

COM1 - surface white
EAN 4007841 079819
Article number 079819

Eagle Eye Technology | Bluetooth | Settings via App | Digital sensor setting | 2 - 2000 lux (via App) | IP54 | CE

Function description

Perfect sensor solution for entrances and façades. The powerful, LED-compatible (600 W) MD IR N270 with 270° detection range for wall mounting and extended Eagle Eye detection for frontal movement and convenient control and networking via Bluetooth Mesh. Includes smart Connect functions for networking lights, timer programmes and wireless push-buttons. Corner wall bracket included.

Technical specifications

Dimensions (L x W x H)	87 x 82 x 98 mm
With motion detector	Yes
Manufacturer's Warranty	5 years
Settings via	Bluetooth, Smartphone, Tablet
With remote control	No
Version	COM1 - surface white
PU1, EAN	4007841079819
Type	Motion detectors
Application, place	Outdoors, Indoors
Application, room	terrace / balcony, all round the building, multi-storey / underground car park, courtyard & driveway, outdoors, Indoors, front door
Colour	white
Colour, RAL	9010
Includes corner wall mount	Yes
Installation site	corner, wall
Installation	Surface wiring

Voltage range (max)	240 V
Mounting height	1,80 – 6,00 m
Mounting height max.	6,00 m
Optimum mounting height	2 m
Detection angle	270 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Mechanical scalability	No
Reach, radial	r = 2.7 m (17 m^2)
Reach, tangential	r = 12.5 m (368 m^2)
Switching zones	442 switching zones
Cover material	shrouds
Functions	Light sensor, Motions sensor, Relay output, Data monitoring
Twilight setting	2 – 2000 lx
Time setting	5 s – 60 Min.

Motion detector - Professional Line

MD IR N270

COM1 - surface white
EAN 4007841 079819
Article number 079819

Technical specifications

IP-rating	IP54
Protection class	II
Ambient temperature	from -20 up to 40 °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	10 pcs.
Power consumption	0,3 W
Technology, sensors	passive infrared, Mixed light metering
Voltage range (min)	220 V

Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	Yes
Constant-lighting control	No
Interconnection	Yes
Interconnection via	Bluetooth Mesh
Reichweite Radial Eagle Eye max.	6 m
Product category	Motion detector

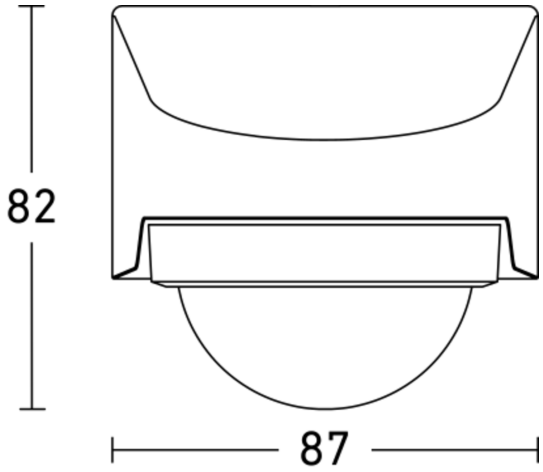
Motion detector - Professional Line

MD IR N270

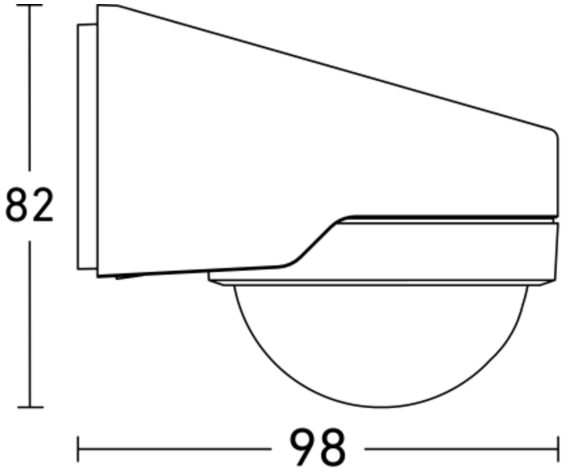
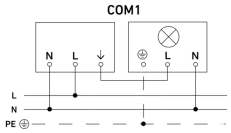
COM1 - surface white
EAN 4007841 079819
Article number 079819

Detection Zone

Dimension Drawing 1



Dimension Drawing 2



3-wire circuit diagram