# MD IR N270 COM1 - surface white

**MOTION DETECTOR**

EAN 4007841079819
E-Nr. 535903090

- An even closer view of access areas: ideal solution for building entrances and façades
- Eagle Eye technology extends individual detection area with frontal walking direction towards the sensor
- Rear field monitoring possible with MD IR N270
- Power max. 600 W (LED-ready)
- Sensor family with three detection areas: Wall mounting 130° or 270° and ceiling mounting with 360°, optionally as surface-mounted or recessed version
- Commissioning, settings and networking via Bluetooth Mesh
- Comprehensive Connect functionalities, such as control of connected outdoor lights, definition of timer programmes and integration of wireless push-buttons

steinel

87 x 82 x 98 mm



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## Technical Data

### IDENTIFICATION

| | |
|---|---|
| Version | Motion detectors |

### DIMENSIONS

| | |
|---|---|
| Dimensions L × W × H | 87 x 82 x 98 mm |

### ELECTRICAL

| | |
|---|---|
| Mains connection | 220 – 240 V / 50 – 60 Hz |
| Power | 0,5 W |
| Switching output 1 resistive | 2000 W |
| Own consumption | 0,3 W |
| Switching output 1 number of LED/fluorescent lamps | 10 pcs. |

### SENSOR TECHNOLOGY

| | |
|---|---|
| Max. mounting height | 6,00 m |
| Sensor technology | passive infrared |
| With motion detector | Yes |
| Detection angle | 270 ° |
| Sneak-under protection | Yes |
| Segment-by-segment masking | Yes |
| Electronic scalability | Yes |
| Mechanical scalability | No |
| Radial range | r = 2.7 m (17 m²) |
| Tangential range | r = 12.5 m (368 m²) |
| Switching zones | 442 switching zones |
| Mounting height | 1,80 – 6,00 m |
| Optimal mounting height | 2 m |

### CONNECTIVITY

| | |
|---|---|
| Networking | Yes |
| Control technology | Steinel Connect |
| Wireless networking via | BT SIG 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 | No |
| Functions | Light sensor Motions sensor Relay output Data monitoring |
| Settings via | Bluetooth Smartphone Tablet |
| With remote control | No |
| Twilight setting teach | Yes |

### HOUSING & MATERIAL

| | |
|---|---|
| Protection class (IP) | IP54 |
| Protection class | II |
| Ambient temperature | from -20 up to 40 °C |
| Housing material | Plastic |
| Cover material (scope of delivery) | shrouds |
| Mounting location | corner wall |
| Application location | Indoors Outdoors |
| Mounting type | Surface wiring |
| Material | Plastic |
| Application room | Indoors all round the building courtyard & driveway front door multi-storey / underground car park outdoors terrace / balcony |
| Colour | white |
| RAL colour | 9010 |

### SCOPE OF DELIVERY & WARRANTY

| | |
|---|---|
| Manufacturer warranty | 5 years |
| Corner wall bracket included | Yes |

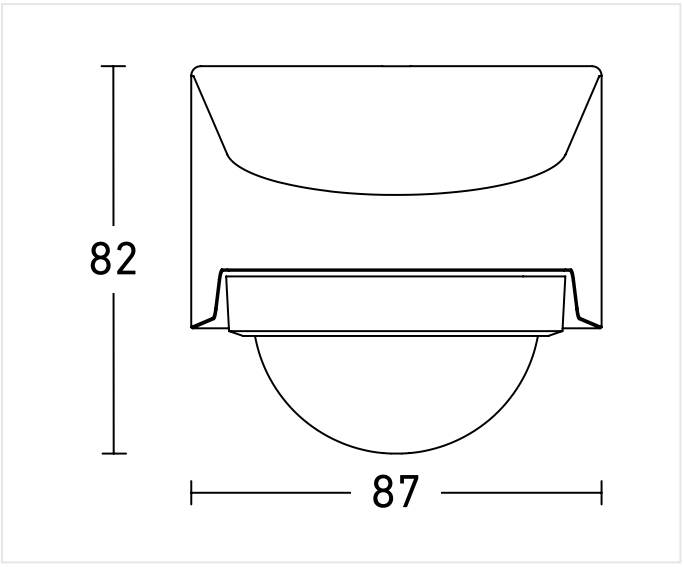
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## Illustrations

### TECHNICAL DRAWINGS




87 x 82 x 98 mm

### MOUNTING HEIGHT

| 1,80 – 6,00 m | 2 m | 6,00 m |
|---|---|---|
| BEREICH | OPTIMAL | MAX |

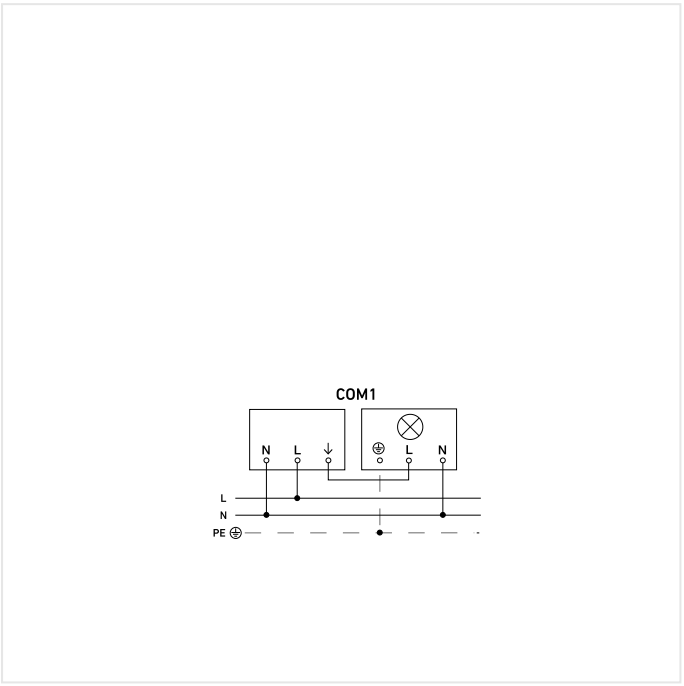
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## Wiring Diagrams

### WIRING DIAGRAM 1




3-wire circuit diagram

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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. | 079819 |
| EAN | 4007841079819 |
| E-Number | 535903090 |
| Typ | **MD IR N270 COM1 - surface white** |

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