

# IS 180-2 Silver

## MOTION DETECTOR

**neva**  
**lux**

EAN 4007841603618

E-Nr. 535996170

- Infrared motion detector with 180° detection angle and up to 12 m detection range
- For wall or corner mounting (with optional corner wall bracket) indoors and outdoors (IP 54), ideal for monitoring large properties and outdoor areas, e.g. house fronts and driveways
- Simple and flat design, made of UV-resistant plastic for a long service life
- The range can be adjusted to max. 12 m or max. 5 m by turning the multi-lens, incl. cover panels for exact adjustment of the detection range
- Stepless adjustment of time (5 sec. - 15 min.) and switch-on brightness (2-2000 lux)
- Reliably switches any light source with a total of max. 1000 W switching load (LED light sources max. 350 W/50 pcs.)
- Incl. mounting accessories - plastic-free packaging

 **steinel**

56 x 76 x 120 mm



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Technical Data

| IDENTIFICATION                               |                  |                            |                                     |                                                                                   |  |
|----------------------------------------------|------------------|----------------------------|-------------------------------------|-----------------------------------------------------------------------------------|--|
| Version                                      | Motion detectors |                            |                                     |                                                                                   |  |
| DIMENSIONS                                   |                  |                            |                                     |                                                                                   |  |
| Dimensions L x W x H                         | 56 x 76 x 120 mm |                            |                                     |                                                                                   |  |
| ELECTRICAL                                   |                  |                            |                                     |                                                                                   |  |
| Mains connection                             | 230 V / 50 Hz    |                            |                                     |                                                                                   |  |
| Power                                        | 1000 W           |                            |                                     |                                                                                   |  |
| Switching output 1 resistive                 | 1000 W           |                            |                                     |                                                                                   |  |
| Fluorescent lamps ECG                        | 350 W            |                            |                                     |                                                                                   |  |
| Fluorescent lamps uncompensated              | 500 VA           |                            |                                     |                                                                                   |  |
| Fluorescent lamps series-compensated         | 900 VA           |                            |                                     |                                                                                   |  |
| Fluorescent lamps parallel-compensated       | 500 VA           |                            |                                     |                                                                                   |  |
| Switching output 1 low-voltage halogen lamps | 1000 VA          |                            |                                     |                                                                                   |  |
| LED lamps < 2 W                              | 100 W            |                            |                                     |                                                                                   |  |
| LED lamps > 2 W < 8 W                        | 175 W            |                            |                                     |                                                                                   |  |
| LED lamps > 8 W                              | 350 W            |                            |                                     |                                                                                   |  |
| Capacitive load in µF                        | 132 µF           |                            |                                     |                                                                                   |  |
| SENSOR TECHNOLOGY                            |                  |                            |                                     |                                                                                   |  |
| Max. mounting height                         | 4,00 m           |                            |                                     |                                                                                   |  |
| Sensor technology                            | passive infrared |                            |                                     |                                                                                   |  |
|                                              |                  | Detection angle            | 180 °                               | Twilight setting                                                                  |  |
|                                              |                  | Opening angle              | 90 °                                | Time setting                                                                      |  |
|                                              |                  | Sneak-under protection     | Yes                                 | Base light function                                                               |  |
|                                              |                  | Segment-by-segment masking | Yes                                 | Main light adjustable                                                             |  |
|                                              |                  | Electronic scalability     | No                                  | Settings via                                                                      |  |
|                                              |                  | Mechanical scalability     | No                                  | With remote control                                                               |  |
|                                              |                  | Radial range               | r = 1.5 m (4 m²) / r = 3 m (14 m²)  | Twilight setting teach                                                            |  |
|                                              |                  | Tangential range           | r = 5 m (39 m²) / r = 12 m (226 m²) | HOUSING & MATERIAL                                                                |  |
|                                              |                  | Switching zones            | 504 switching zones                 | Protection class (IP)                                                             |  |
|                                              |                  | Mounting height            | 1,80 – 4,00 m                       | Protection class                                                                  |  |
|                                              |                  | Optimal mounting height    | 2 m                                 | Ambient temperature                                                               |  |
|                                              |                  | CONNECTIVITY               |                                     | Mounting location                                                                 |  |
|                                              |                  | Networking                 | Yes                                 | Application location                                                              |  |
|                                              |                  | Type of networking         | Master/master                       | Mounting type                                                                     |  |
|                                              |                  | Networking via             | Cable                               | Material                                                                          |  |
|                                              |                  | LIGHTING TECHNOLOGY        |                                     | Application room                                                                  |  |
|                                              |                  | Soft light start           | No                                  | all round the building courtyard & driveway front door outdoors terrace / balcony |  |
|                                              |                  | Continuous light           | selectable                          | Colour                                                                            |  |
|                                              |                  | Constant light regulation  | No                                  | RAL colour                                                                        |  |
|                                              |                  | SETTINGS                   |                                     | SCOPE OF DELIVERY & WARRANTY                                                      |  |
|                                              |                  | Twilight switch            | Yes                                 | Manufacturer warranty                                                             |  |
|                                              |                  |                            |                                     | Corner wall bracket included                                                      |  |
|                                              |                  |                            |                                     | 3 years                                                                           |  |
|                                              |                  |                            |                                     | No                                                                                |  |

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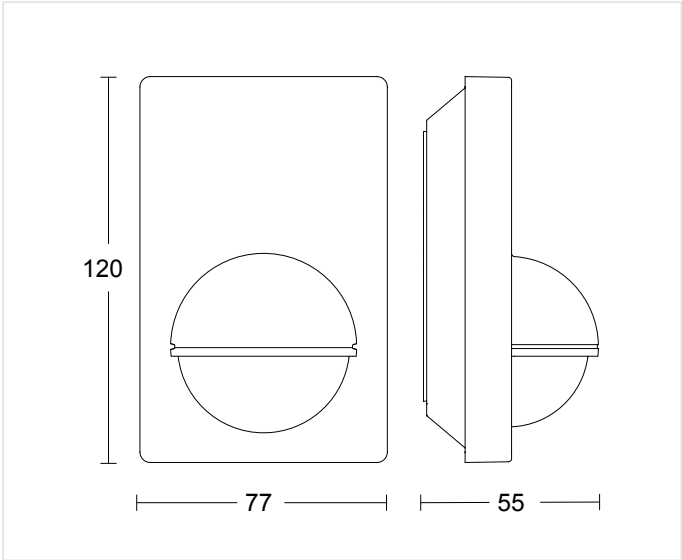
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Illustrations

TECHNICAL DRAWINGS



56 x 76 x 120 mm

MOUNTING HEIGHT

|                                             |                                   |                                  |
|---------------------------------------------|-----------------------------------|----------------------------------|
| <div>1,80 – 4,00 m</div> <div>BEREICH</div> | <div>2 m</div> <div>OPTIMAL</div> | <div>4,00 m</div> <div>MAX</div> |
|---------------------------------------------|-----------------------------------|----------------------------------|

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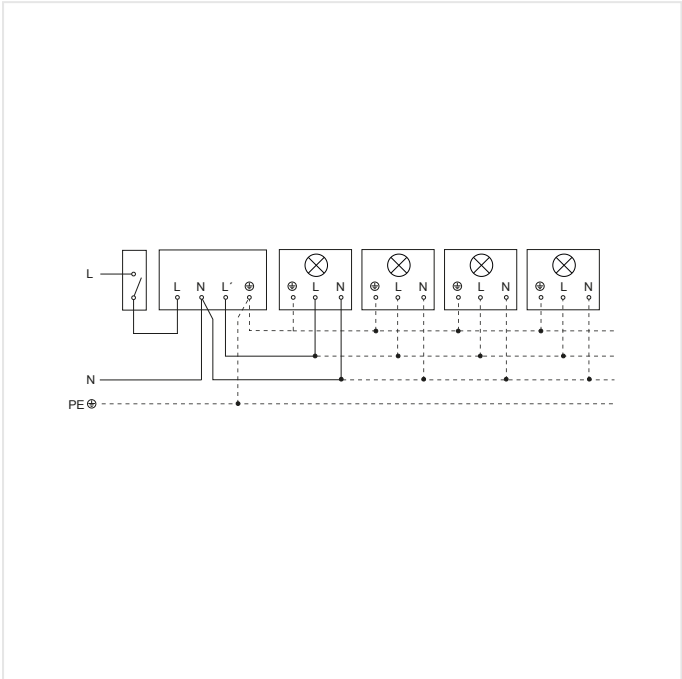
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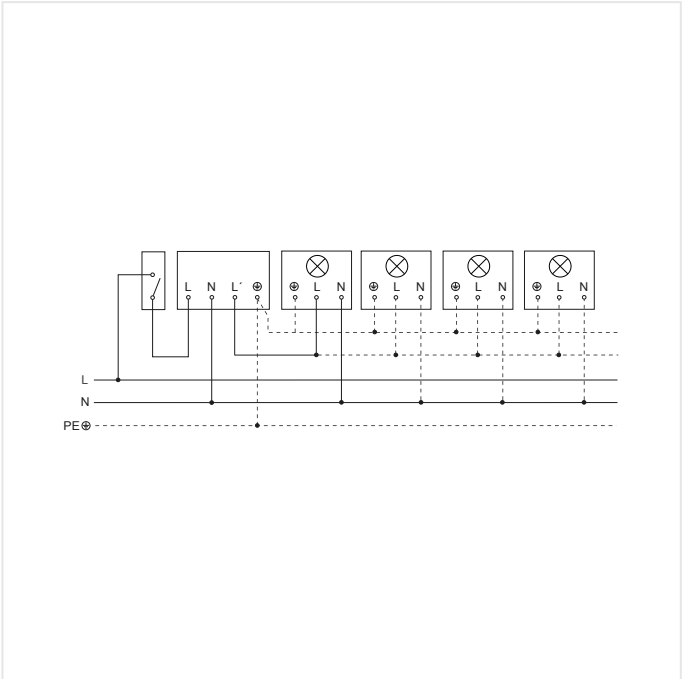
Wiring Diagrams

WIRING DIAGRAM 1



Light without neutral conductor

WIRING DIAGRAM 2



Light with neutral conductor

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## Highlights



UV-resistant plastic



Optional corner wall mount bracket

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Accessories

| ARTICLE NUMBER                                                                                            | DESCRIPTION                                                 | CATEGORY  |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------|
| <div>4007841085148</div> | Eckwandhalter für IS 180-2, IS 2180-2 und IS 2180 ECO weiss | Accessory |

ORDERING INFORMATION

Art.-Nr.

603618

EAN

4007841603618

E-Number

535996170

Typ

IS 180-2 Silver

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