

# IS 3180 PF - concealed, sq.

MOTION DETECTOR

**neva**  
**lux**

EAN 4007841055769

 **steinel**

78 x 94 x 94 mm



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Technical Data

| IDENTIFICATION                               |                          |                                    |                                                                                                                                                            |
|----------------------------------------------|--------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version                                      | Motion detectors         |                                    |                                                                                                                                                            |
| DIMENSIONS                                   |                          |                                    |                                                                                                                                                            |
| Dimensions L x W x H                         | 78 x 94 x 94 mm          |                                    |                                                                                                                                                            |
| ELECTRICAL                                   |                          |                                    |                                                                                                                                                            |
| Mains connection                             | 220 – 240 V / 50 – 60 Hz |                                    |                                                                                                                                                            |
| Power                                        | 2000 W                   |                                    |                                                                                                                                                            |
| Fluorescent lamps ECG                        | 1500 W                   |                                    |                                                                                                                                                            |
| Fluorescent lamps uncompensated              | 1000 VA                  |                                    |                                                                                                                                                            |
| Fluorescent lamps series-compensated         | 400 VA                   |                                    |                                                                                                                                                            |
| Fluorescent lamps parallel-compensated       | 400 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                    |                                    |                                                                                                                                                            |
| SENSOR TECHNOLOGY                            |                          |                                    |                                                                                                                                                            |
| Max. mounting height                         | 2,50 m                   |                                    |                                                                                                                                                            |
| Sensor technology                            | passive infrared         |                                    |                                                                                                                                                            |
| With motion detector                         | Yes                      |                                    |                                                                                                                                                            |
| Detection angle                              | 180 °                    |                                    |                                                                                                                                                            |
|                                              |                          |                                    |                                                                                                                                                            |
|                                              |                          | Opening angle                      | 90 °                                                                                                                                                       |
|                                              |                          | Sneak-under protection             | Yes                                                                                                                                                        |
|                                              |                          | Segment-by-segment masking         | Yes                                                                                                                                                        |
|                                              |                          | Electronic scalability             | No                                                                                                                                                         |
|                                              |                          | Mechanical scalability             | No                                                                                                                                                         |
|                                              |                          | Radial range                       | r = 3 m (14 m²) / r = 4 m (25 m²)                                                                                                                          |
|                                              |                          | Tangential range                   | r = 6 m (57 m²) / r = 20 m (628 m²)                                                                                                                        |
|                                              |                          | Switching zones                    | 448 switching zones                                                                                                                                        |
|                                              |                          | Mounting height                    | 1,80 – 2,50 m                                                                                                                                              |
|                                              |                          | Optimal mounting height            | 2 m                                                                                                                                                        |
| CONNECTIVITY                                 |                          |                                    |                                                                                                                                                            |
|                                              |                          | Networking                         | Yes                                                                                                                                                        |
|                                              |                          | Type of networking                 | Master/master                                                                                                                                              |
|                                              |                          | Networking via                     | Cable                                                                                                                                                      |
| LIGHTING TECHNOLOGY                          |                          |                                    |                                                                                                                                                            |
|                                              |                          | Soft light start                   | No                                                                                                                                                         |
|                                              |                          | Continuous light                   | selectable, 4h                                                                                                                                             |
|                                              |                          | Constant light regulation          | No                                                                                                                                                         |
| SETTINGS                                     |                          |                                    |                                                                                                                                                            |
|                                              |                          | Twilight switch                    | Yes                                                                                                                                                        |
|                                              |                          | Twilight setting                   | 2 – 1000 lx                                                                                                                                                |
|                                              |                          | Time setting                       | 5 s – 15 Min.                                                                                                                                              |
|                                              |                          | Base light function                | No                                                                                                                                                         |
|                                              |                          |                                    |                                                                                                                                                            |
|                                              |                          | Main light adjustable              | No                                                                                                                                                         |
|                                              |                          | Functions                          | Normal / test mode Manual ON / ON-OFF                                                                                                                      |
|                                              |                          | Settings via                       | Remote control Potentiometers Smart Remote                                                                                                                 |
|                                              |                          | With remote control                | No                                                                                                                                                         |
|                                              |                          | Twilight setting teach             | Yes                                                                                                                                                        |
| HOUSING & MATERIAL                           |                          |                                    |                                                                                                                                                            |
|                                              |                          | Protection class (IP)              | IP20                                                                                                                                                       |
|                                              |                          | Ambient temperature                | from -20 up to 50 °C                                                                                                                                       |
|                                              |                          | Cover material (scope of delivery) | shrouds                                                                                                                                                    |
|                                              |                          | Mounting location                  | corner wall                                                                                                                                                |
|                                              |                          | Application location               | Indoors Outdoors                                                                                                                                           |
|                                              |                          | Mounting type                      | Concealed wiring                                                                                                                                           |
|                                              |                          | Material                           | Plastic                                                                                                                                                    |
|                                              |                          | Application room                   | Indoors all round the building corridor / aisle courtyard & driveway function room / ancillary room multi-storey / underground car park outdoors stairwell |
|                                              |                          | Colour                             | white                                                                                                                                                      |
|                                              |                          | RAL colour                         | 9003                                                                                                                                                       |
| SCOPE OF DELIVERY & WARRANTY                 |                          |                                    |                                                                                                                                                            |
|                                              |                          | Manufacturer warranty              | 5 years                                                                                                                                                    |
|                                              |                          | Corner wall bracket included       | No                                                                                                                                                         |

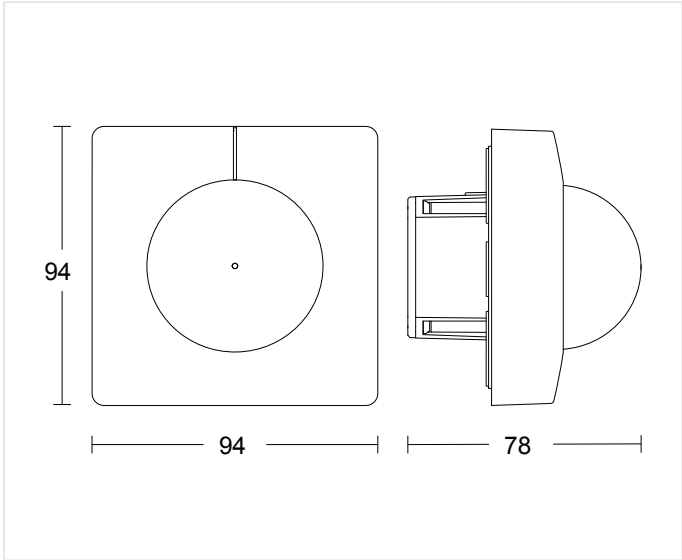
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Illustrations

TECHNICAL DRAWINGS



78 x 94 x 94 mm

MOUNTING HEIGHT

|                          |                |               |
|--------------------------|----------------|---------------|
| 1,80 – 2,50 m<br>BEREICH | 2 m<br>OPTIMAL | 2,50 m<br>MAX |
|--------------------------|----------------|---------------|

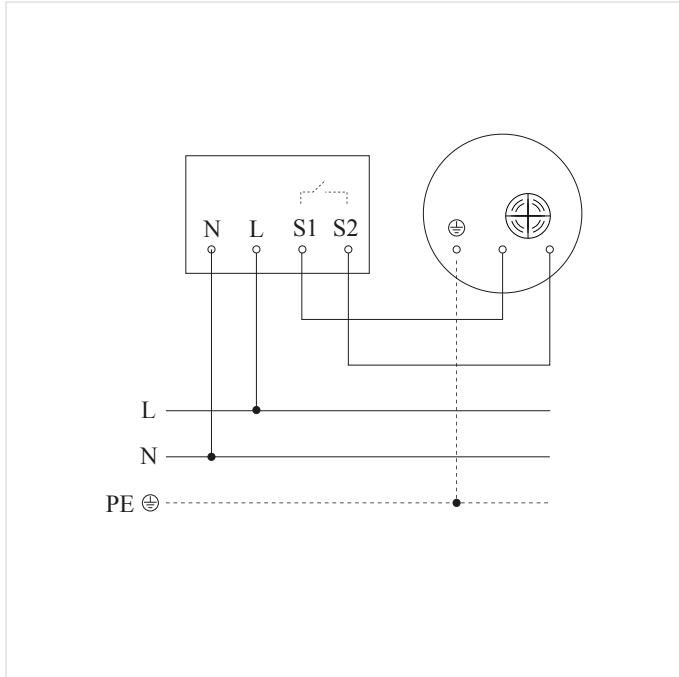
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## Wiring Diagrams

### WIRING DIAGRAM 1



Master circuit diagram

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## Highlights



UV-resistant plastic



Optional remote controls

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Accessories

| ARTICLE NUMBER                                                                                  | DESCRIPTION                | CATEGORY       |
|-------------------------------------------------------------------------------------------------|----------------------------|----------------|
|  4007841648015  | Eckwandhalter 3000 schwarz | Corner adapter |
|  4007841559410 | Service Fernbedienung RC8  | Accessory      |
|  4007841009151 | Smart Remote               | Accessory      |
|  4007841035174  | Eckwandhalter 3000 weiss   | Corner adapter |

ORDERING INFORMATION

Art.-Nr.

055769

EAN

4007841055769

Typ

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