

# MD IR N360 uDIM - surface white

MOTION DETECTOR

neva  
lux

EAN 4007841080068

E-Nr. 535133051

- Access areas under even closer scrutiny: the ideal solution for building entrances and façades
- Eagle Eye technology extends the individual detection range when walking towards the sensor
- With the uDIM interface, soft light start and basic light can now also be used with conventional luminaires. Prerequisite: the light source must be dimmable
- Sensor family with three detection ranges: wall mounting 130° or 270° and ceiling mounting with 360°, optionally as surface-mounted or recessed version
- Commissioning, settings and networking via Bluetooth Mesh
- Extensive connect functions, such as control of connected outdoor lights, definition of timer programmes and integration of wireless push buttons

● steinel

80 x 93 mm



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Technical Data

|                            |                  |                                    |                      |
|----------------------------|------------------|------------------------------------|----------------------|
| IDENTIFICATION             |                  |                                    |                      |
| Version                    | Motion detectors |                                    |                      |
| DIMENSIONS                 |                  |                                    |                      |
| Dimensions L x W x H       | 93 x 80 x 80 mm  |                                    |                      |
| Dimensions Ø x H           | 80 x 93 mm       |                                    |                      |
| ELECTRICAL                 |                  |                                    |                      |
| Mains connection           | 50 – 60 Hz       |                                    |                      |
| Power                      | 0,5 W            |                                    |                      |
| SENSOR TECHNOLOGY          |                  |                                    |                      |
| Max. mounting height       | 6,00 m           |                                    |                      |
| Sensor technology          | passive infrared |                                    |                      |
| With motion detector       | Yes              |                                    |                      |
| Detection angle            | 360 °            |                                    |                      |
| Sneak-under protection     | Yes              |                                    |                      |
| Segment-by-segment masking | Yes              |                                    |                      |
| Electronic scalability     | Yes              |                                    |                      |
| Mechanical scalability     | No               |                                    |                      |
|                            |                  |                                    |                      |
|                            |                  | Radial range                       | Ø 7 m (38 m²)        |
|                            |                  | Tangential range                   | Ø 26 m (531 m²)      |
|                            |                  | Switching zones                    | 1179 switching zones |
|                            |                  | Mounting height                    | 1,8 – 6,00 m         |
|                            |                  | Optimal mounting height            | 2,5 m                |
|                            |                  | CONNECTIVITY                       |                      |
|                            |                  | Networking                         | Yes                  |
|                            |                  | Networking via                     | Bluetooth Mesh       |
|                            |                  | LIGHTING TECHNOLOGY                |                      |
|                            |                  | 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                | Yes                  |
|                            |                  | Base light function time           | 1-60 min             |
|                            |                  | Settings via                       | Bluetooth App        |
|                            |                  |                                    |                      |
|                            |                  | With remote control                | No                   |
|                            |                  | Twilight setting teach             | Yes                  |
|                            |                  | Base light function in percent     | 5 – 100 %            |
|                            |                  | Base light function percent from   | 5 %                  |
|                            |                  | HOUSING & MATERIAL                 |                      |
|                            |                  | Protection class (IP)              | IP54                 |
|                            |                  | Ambient temperature                | from -20 up to 40 °C |
|                            |                  | Cover material (scope of delivery) | Cover clips          |
|                            |                  | Application location               | Outdoors             |
|                            |                  | Mounting type                      | Surface wiring       |
|                            |                  | Material                           | Plastic              |
|                            |                  | Colour                             | white                |
|                            |                  | RAL colour                         | 9010                 |
|                            |                  | SCOPE OF DELIVERY & WARRANTY       |                      |
|                            |                  | Manufacturer warranty              | 5 years              |
|                            |                  | Corner wall bracket included       | No                   |

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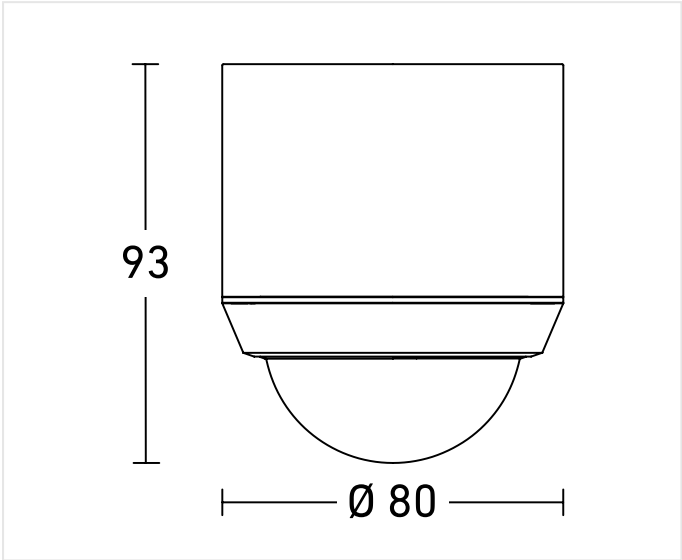
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Illustrations

TECHNICAL DRAWINGS



80 x 93 mm

MOUNTING HEIGHT

|                         |                  |               |
|-------------------------|------------------|---------------|
| 1,8 – 6,00 m<br>BEREICH | 2,5 m<br>OPTIMAL | 6,00 m<br>MAX |
|-------------------------|------------------|---------------|

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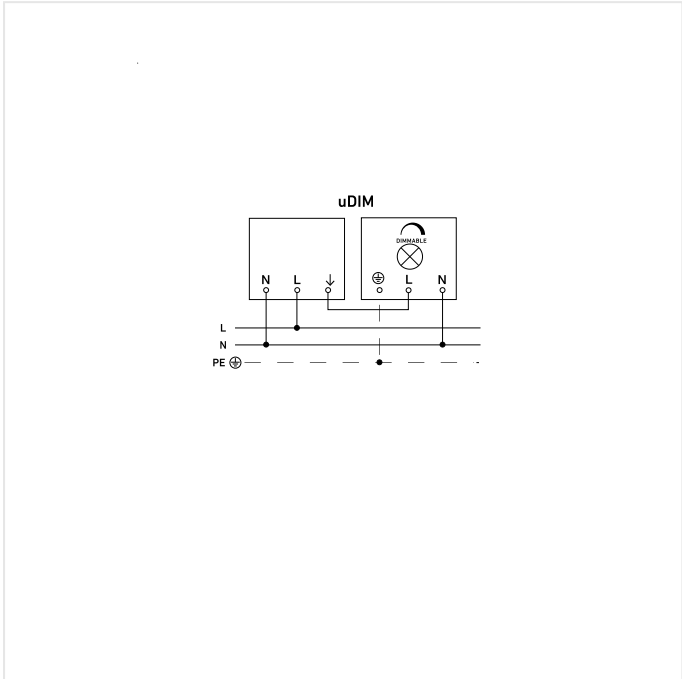
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Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram for phase and section dimming

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Accessories

| ORDERING INFORMATION                                                                                                                    |                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Art.-Nr.                                                                                                                                | 080068                          |
| EAN                                                                                                                                     | 4007841080068                   |
| E-Number                                                                                                                                | 535133051                       |
| Typ                                                                                                                                     | MD IR N360 uDIM - surface white |
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