

# IR Quattro HD-2 24m BT IPD - surface

**neva**  
**lux**

## PRESENCE DETECTOR

EAN 4007841064402

E-Nr. 535900012

- Passive infrared presence detector with square 360° detection
- 5.200 switching zones for the finest detection
- Offers the largest detection range in our IR range
- 4 pyro sensors individually de-/activatable
- Sensitivity digitally adjustable
- Measures presence and brightness
- Temperature and humidity measurement with IP, KNX and DALI-2 IPD
- Setting and networking via Bluetooth
- Ideal for open-plan offices and classrooms

 **steinel**

64 x 123 x 123 mm



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Technical Data

|                            |                          |                              |                                                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IDENTIFICATION             |                          | HOUSING & MATERIAL           |                                                                                                                                                                                                                                                                                              |
| Version                    | Presence detector        | Protection class (IP)        | IP54                                                                                                                                                                                                                                                                                         |
| DIMENSIONS                 |                          | Ambient temperature          | from -20 up to 50 °C                                                                                                                                                                                                                                                                         |
| Dimensions L x W x H       | 64 x 123 x 123 mm        | Mounting location            | ceiling                                                                                                                                                                                                                                                                                      |
| ELECTRICAL                 |                          | Application location         | Indoors                                                                                                                                                                                                                                                                                      |
| Mains connection           | 220 – 240 V / 50 – 60 Hz | Mounting type                | Surface wiring                                                                                                                                                                                                                                                                               |
| Own consumption            | 0,3 W                    | Material                     | Plastic                                                                                                                                                                                                                                                                                      |
| SENSOR TECHNOLOGY          |                          | Application room             | Indoors changing room<br>classroom conference room /<br>meeting room dining hall /<br>staff restaurant duty room<br>high-bay warehouse lecture<br>hall multi-storey /<br>underground car park open-<br>plan office production<br>facilities reception / lobby<br>recreation room sports hall |
| Max. mounting height       | 10,00 m                  | Colour                       | white                                                                                                                                                                                                                                                                                        |
| Sensor technology          | passive infrared         | RAL colour                   | 9003                                                                                                                                                                                                                                                                                         |
| Detection angle            | 360 °                    | SCOPE OF DELIVERY & WARRANTY |                                                                                                                                                                                                                                                                                              |
| Opening angle              | 160 °                    | Manufacturer warranty        | 5 years                                                                                                                                                                                                                                                                                      |
| Sneak-under protection     | Yes                      | Corner wall bracket included | No                                                                                                                                                                                                                                                                                           |
| Segment-by-segment masking | Yes                      |                              |                                                                                                                                                                                                                                                                                              |
| Electronic scalability     | Yes                      |                              |                                                                                                                                                                                                                                                                                              |
| Mechanical scalability     | Yes                      |                              |                                                                                                                                                                                                                                                                                              |
| Radial range               | 9 x 9 m (81 m²)          |                              |                                                                                                                                                                                                                                                                                              |
| Tangential range           | 24 x 24 m (576 m²)       |                              |                                                                                                                                                                                                                                                                                              |
| Switching zones            | 5200 switching zones     |                              |                                                                                                                                                                                                                                                                                              |
| Mounting height            | 2,50 – 10,00 m           |                              |                                                                                                                                                                                                                                                                                              |
| Presence range             | 9 x 9 m (81 m²)          |                              |                                                                                                                                                                                                                                                                                              |
| Optimal mounting height    | 2,8 m                    |                              |                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY               |                          |                              |                                                                                                                                                                                                                                                                                              |
| Networking                 | Yes                      |                              |                                                                                                                                                                                                                                                                                              |
| Networking via             | Bluetooth 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                       |                              |                                                                                                                                                                                                                                                                                              |
| Settings via               | Bluetooth                |                              |                                                                                                                                                                                                                                                                                              |
| With remote control        | No                       |                              |                                                                                                                                                                                                                                                                                              |
| Twilight setting teach     | No                       |                              |                                                                                                                                                                                                                                                                                              |

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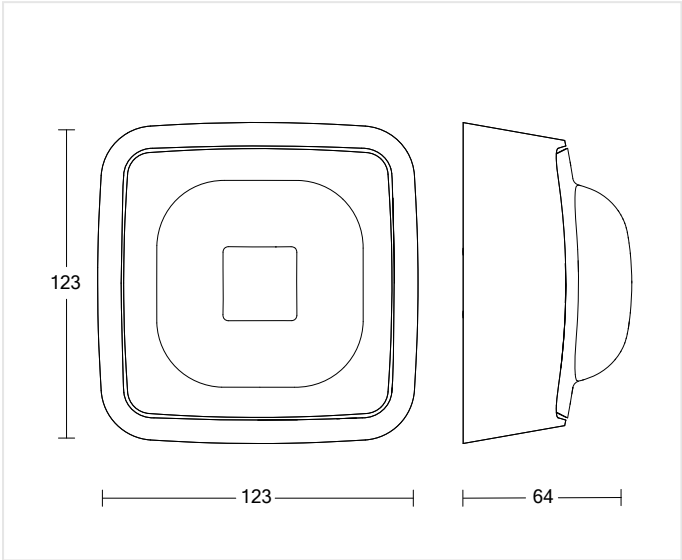
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Illustrations

TECHNICAL DRAWINGS



64 x 123 x 123 mm

MOUNTING HEIGHT

|                           |                  |                |
|---------------------------|------------------|----------------|
| 2,50 – 10,00 m<br>BEREICH | 2,8 m<br>OPTIMAL | 10,00 m<br>MAX |
|---------------------------|------------------|----------------|

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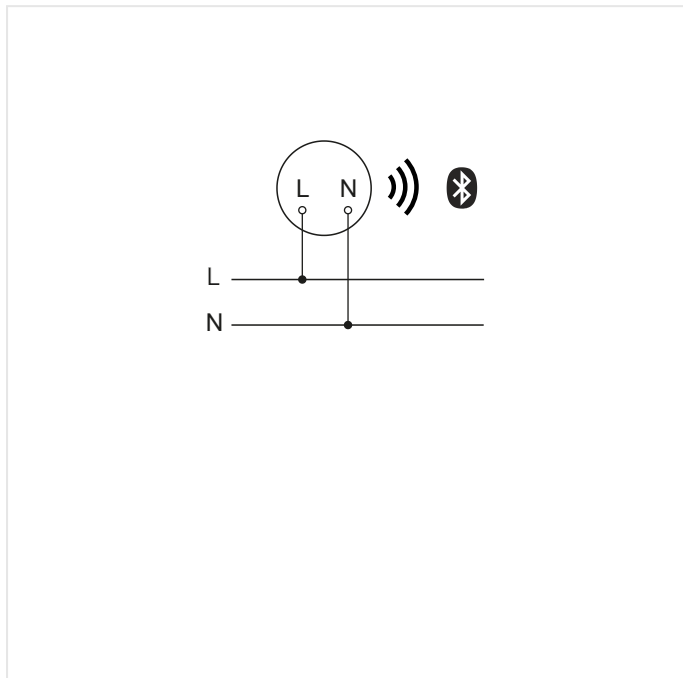
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## Wiring Diagrams

### WIRING DIAGRAM 1



Circuit diagram

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## Highlights



UV-resistant plastic

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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.

064402

EAN

4007841064402

E-Number

535900012

Typ

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