

# IR Quattro HD-2 24m COM1 - surface black

**neva**  
**lux**

## PRESENCE DETECTOR

EAN 4007841094515

- 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                                     |                          | Sensor technology          |  | passive infrared |                    | Functions                    |                                                                                                                                                                                                                                                                                          | Group parameterisation                                                                           |  |
|----------------------------------------------------|--------------------------|----------------------------|--|------------------|--------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--|
| Version                                            | Presence detector        | Detection angle            |  |                  | 360 °              |                              |                                                                                                                                                                                                                                                                                          | Semi-/fully automatic<br>Manual ON / ON-OFF<br>Neighbouring group function<br>Normal / test mode |  |
| DIMENSIONS                                         |                          | Segment-by-segment masking |  |                  | Yes                |                              |                                                                                                                                                                                                                                                                                          |                                                                                                  |  |
| Dimensions L x W x H                               | 64 x 123 x 123 mm        | Electronic scalability     |  |                  | Yes                | Settings via                 | Bluetooth Mesh App<br>Potentiometers Smartphone                                                                                                                                                                                                                                          |                                                                                                  |  |
| ELECTRICAL                                         |                          | Mechanical scalability     |  |                  | Yes                | With remote control          | No                                                                                                                                                                                                                                                                                       |                                                                                                  |  |
| Mains connection                                   | 220 – 240 V / 50 – 60 Hz | Radial range               |  |                  | 9 x 9 m (81 m²)    | Twilight setting teach       | Yes                                                                                                                                                                                                                                                                                      |                                                                                                  |  |
| Switching output 1 resistive                       | 2000 W                   | Tangential range           |  |                  | 24 x 24 m (576 m²) | HOUSING & MATERIAL           |                                                                                                                                                                                                                                                                                          |                                                                                                  |  |
| Fluorescent lamps ECG                              | 1500 W                   | Mounting height            |  |                  | 2,50 – 10,00 m     | Protection class (IP)        | IP54                                                                                                                                                                                                                                                                                     |                                                                                                  |  |
| Fluorescent lamps uncompensated                    | 1000 VA                  | Presence range             |  |                  | 9 x 9 m (81 m²)    | Ambient temperature          | from -20 up to 50 °C                                                                                                                                                                                                                                                                     |                                                                                                  |  |
| Fluorescent lamps series-compensated               | 400 VA                   | Optimal mounting height    |  |                  | 2,8 m              | Mounting location            | ceiling                                                                                                                                                                                                                                                                                  |                                                                                                  |  |
|                                                    |                          | CONNECTIVITY               |  |                  |                    | Application location         | Indoors                                                                                                                                                                                                                                                                                  |                                                                                                  |  |
| Fluorescent lamps parallel-compensated             | 1000 VA                  | Networking                 |  |                  | Yes                | Mounting type                | Surface wiring                                                                                                                                                                                                                                                                           |                                                                                                  |  |
| Switching output 1 low-voltage halogen lamps       | 2000 VA                  | Networking via             |  |                  | Bluetooth Mesh     | Material                     | Plastic                                                                                                                                                                                                                                                                                  |                                                                                                  |  |
|                                                    |                          | LIGHTING 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-plan office production<br>facilities reception / lobby<br>recreation room sports hall |                                                                                                  |  |
| LED lamps < 2 W                                    | 100 W                    | Soft light start           |  |                  | No                 | Colour                       | black                                                                                                                                                                                                                                                                                    |                                                                                                  |  |
| LED lamps > 2 W < 8 W                              | 300 W                    | Continuous light           |  |                  | selectable         | RAL colour                   | 9005                                                                                                                                                                                                                                                                                     |                                                                                                  |  |
| LED lamps > 8 W                                    | 600 W                    | Constant light regulation  |  |                  | No                 | SCOPE OF DELIVERY & WARRANTY |                                                                                                                                                                                                                                                                                          |                                                                                                  |  |
|                                                    |                          | SETTINGS                   |  |                  |                    | Manufacturer warranty        | 5 years                                                                                                                                                                                                                                                                                  |                                                                                                  |  |
| Capacitive load in µF                              | 176 µF                   | Twilight switch            |  |                  | Yes                | Corner wall bracket included | No                                                                                                                                                                                                                                                                                       |                                                                                                  |  |
| Own consumption                                    | 0,3 W                    | Twilight setting           |  |                  | 2 – 2000 lx        |                              |                                                                                                                                                                                                                                                                                          |                                                                                                  |  |
| Switching output 1 number of LED/fluorescent lamps | 8 pcs.                   | Time setting               |  |                  | 5 s – 60 Min.      |                              |                                                                                                                                                                                                                                                                                          |                                                                                                  |  |
| Switching output 1 potential-free                  | No                       | Base light function        |  |                  | No                 |                              |                                                                                                                                                                                                                                                                                          |                                                                                                  |  |
| SENSOR TECHNOLOGY                                  |                          | Main light adjustable      |  |                  | Yes                |                              |                                                                                                                                                                                                                                                                                          |                                                                                                  |  |
| Max. mounting height                               | 10,00 m                  |                            |  |                  |                    |                              |                                                                                                                                                                                                                                                                                          |                                                                                                  |  |

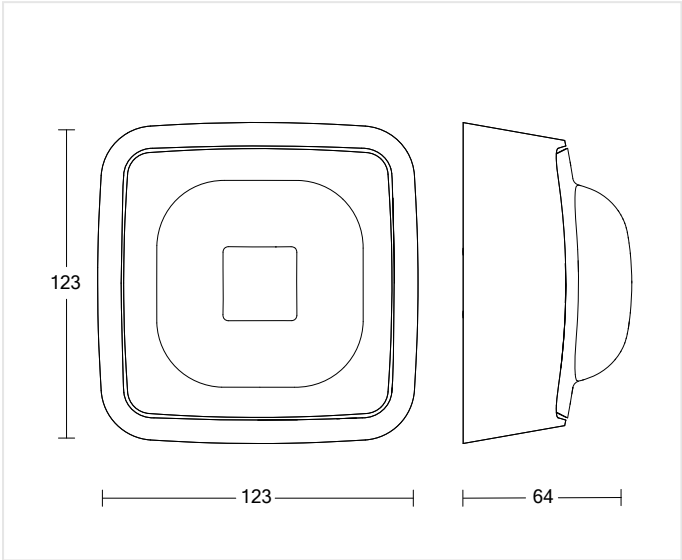
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Illustrations

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 |
|---------------------------|------------------|----------------|

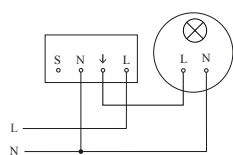
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## Wiring Diagrams

### WIRING DIAGRAM 1



Master circuit diagram

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## Highlights



UV-resistant plastic

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Accessories

|                                                                                                                                    |                                          |
|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| ORDERING INFORMATION                                                                                                               |                                          |
| Art.-Nr.                                                                                                                           | 094515                                   |
| EAN                                                                                                                                | 4007841094515                            |
| Typ                                                                                                                                | IR Quattro HD-2 24m COM1 - surface black |
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