

# iHF 3D KNX anthrazit

**neva**  
**lux**

Product code 4007841007621

E-Nr. 535939401

- Control unit for adjusting the detection zone along 3 axes
- Control dials behind the designer trim panel
- iHF sensor protected in enclosure
- UV-resistant plastic
- Remote control RC9 included

**neva**  
**lux**

120 x 117 x 120 mm



iHF 3D KNX anthrazit

Product code **4007841007621**  
E-Nr. **535939401**

Technical Data

| IDENTIFICATION               |                                             |
|------------------------------|---------------------------------------------|
| Variant                      | Anthracite                                  |
| Version                      | Motion detectors                            |
| Model                        | KNX                                         |
| DIMENSIONS                   |                                             |
| Dimensions L x W x H         | 120 x 117 x 120 mm                          |
| ELECTRICAL                   |                                             |
| Mains connection             | 220 – 240 V , 50 / 60 Hz                    |
| Switching output 1 resistive | 2000 W                                      |
| Supply voltage detail        | KNX bus                                     |
| SENSOR TECHNOLOGY            |                                             |
| Sensor technology            | iHF (intelligent high-frequency technology) |
| HF technology                | 5,8 GHz                                     |
| Detection angle              | 160 °                                       |
| Opening angle                | 100 °                                       |

| Sneak-under protection  | Yes                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Electronic scalability  | Yes                                                                                                                               |
| Mechanical scalability  | No                                                                                                                                |
| Range detail            | Detection zone adjustable on 3 axes                                                                                               |
| Radial range            | r = 7 m (68 m²)                                                                                                                   |
| Tangential range        | r = 7 m (68 m²)                                                                                                                   |
| Mounting height         | 1,80 – 2,00 m                                                                                                                     |
| Optimal mounting height | 1,8 m                                                                                                                             |
| CONNECTIVITY            |                                                                                                                                   |
| KNX functions           | Light output 1x, Presence output, Light level, Basic light level function, Photo-cell controller, Direction of movement, Distance |
| With bus coupler        | Yes                                                                                                                               |
| SETTINGS                |                                                                                                                                   |
| Twilight setting        | 2 – 2000 lx                                                                                                                       |

| Time setting                 | 0 – 1092 min                      |
|------------------------------|-----------------------------------|
| Settings via                 | ETS software, Remote control, Bus |
| With remote control          | Yes                               |
| Twilight setting teach       | Yes                               |
| HOUSING & MATERIAL           |                                   |
| Protection class (IP)        | IP54                              |
| Ambient temperature          | -20 – 50 °C                       |
| Mounting location            | wall                              |
| Application location         | Outdoors                          |
| Mounting type                | Surface wiring                    |
| Material                     | Plastic                           |
| Colour                       | Anthracite                        |
| SCOPE OF DELIVERY & WARRANTY |                                   |
| Manufacturer warranty        | 5 years                           |

iHF 3D KNX anthrazit

Product code **4007841007621**  
E-Nr. **535939401**

Illustrations

MOUNTING HEIGHT

|                          |                  |
|--------------------------|------------------|
| 1,80 – 2,00 m<br>BEREICH | 1,8 m<br>OPTIMAL |
|--------------------------|------------------|

iHF 3D KNX anthrazit

Product code **4007841007621**  
E-Nr. **535939401**

Accessories

| ARTICLE NUMBER                                                                                 | DESCRIPTION       | CATEGORY  |
|------------------------------------------------------------------------------------------------|-------------------|-----------|
|  4007841007638 | Fernbedienung RC9 | Other     |
|  4007841009151 | Smart Remote      | Accessory |

ORDERING INFORMATION

Art.-Nr.

4007841007621

E-Number

535939401

Typ

iHF 3D KNX anthrazit

neva

lux

nevalux AG

Neugrütstrasse 2

8610 Uster

+41 44 508 78 78

info@nevalux.swiss