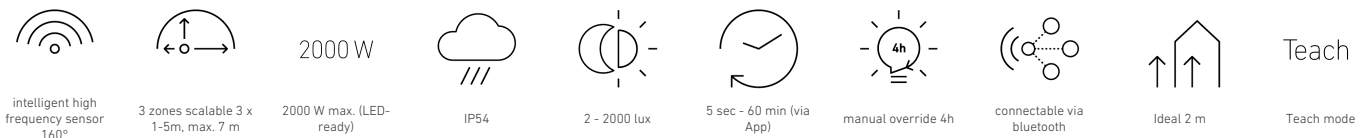


# iHF 3D

COM1 - white  
 EAN 4007841 066222  
 Article number 066222



## Function description

Makes all the difference outside. Precisely where you want it to. iHF 3D motion detector, ideal for facades, carports, parking areas and patios. 160° iHF-sensor with 5 m reach, 3D aerial technology, identifies and distinguishes between moving objects, no inadvertent triggering any more by small animals, very low or high temperatures. Detects everything equally well whichever direction it is approached from. Easy to adjust and interconnect by app and Bluetooth.

## Technical specifications

|                            |   |
|----------------------------|---|
| Dimensions (L x W x H)     | 120 x 117 x 120 mm  |
| With motion detector       | Yes   |
| Manufacturer's Warranty    | 5 years   |
| Settings via               | Potentiometers, Bluetooth   |
| With remote control        | No  |
| Version                    | COM1 - white  |
| PU1, EAN                   | 4007841066222   |
| Type                       | Motion detectors  |
| Application, place         | Outdoors  |
| Application, room          | outdoors, front door, all round the building, terrace / balcony, courtyard & driveway |
| Colour                     | white   |
| Colour, RAL                | 9010  |
| Includes corner wall mount | No  |
| Installation site          | wall  |
| Installation               | Surface wiring, Wall  |

|   |  |
|---|--|
| Mounting height max.                          | 2,00 m                                 |
| Optimum mounting height                       | 1,8 m                                  |
| HF-system                                     | 5,8 GHz                                |
| Detection angle                               | 160 °                                  |
| Angle of aperture                             | 100 °                                  |
| Sneak-by guard                                | Yes                                    |
| Capability of masking out individual segments | Yes                                    |
| Electronic scalability                        | Yes                                    |
| Mechanical scalability                        | No                                     |
| Reach, radial                                 | r = 5 m (35 m <sup>2</sup> )           |
| Reach, tangential                             | r = 5 m (35 m <sup>2</sup> )           |
| Transmitter power                             | < 1 mW                                 |
| Functions                                     | Normal / test mode, Manual ON / ON-OFF |
| Twilight setting                              | 2 – 2000 lx                            |
| Time setting                                  | 5 s – 60 Min.                          |

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## Technical specifications

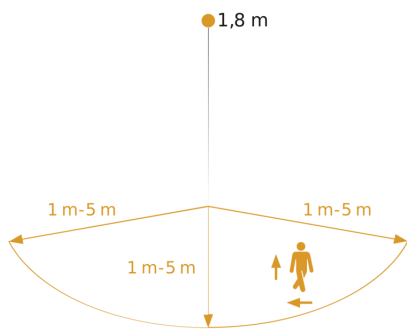
|                               |   |
|-------------------------------|---|
| IP-rating                     | IP54  |
| Ambient temperature           | -20 – 50 °C   |
| Material                      | Plastic   |
| Mains power supply            | 220 – 240 V / 50 – 60 Hz                                  |
| Switching output 1, resistive | 2000 W  |
| Technology, sensors           | iHF (intelligent high-frequency technology), Light sensor |
| Mounting height               | 1,80 – 2,00 m   |

|                            |                  |
|----------------------------|------------------|
| Basic light level function | No               |
| Main light adjustable      | No               |
| Twilight setting TEACH     | Yes              |
| Constant-lighting control  | No               |
| Interconnection            | Yes              |
| Type of interconnection    | Master/master    |
| Interconnection via        | Cable, Bluetooth |

# iHF 3D

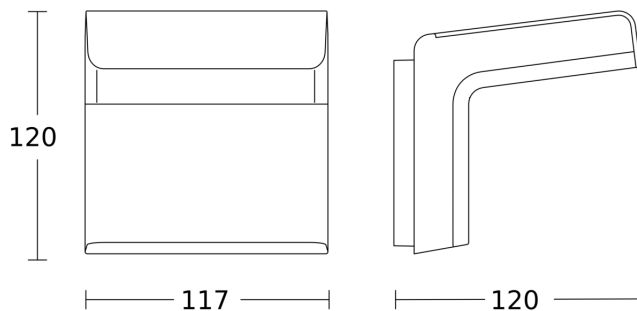
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## Detection Zone



Possible mounting height: 1,80 m - 2,00 m  
Orange: radial and tangential  
3 scalable axes

## Dimension Drawing



## Master circuit diagram

