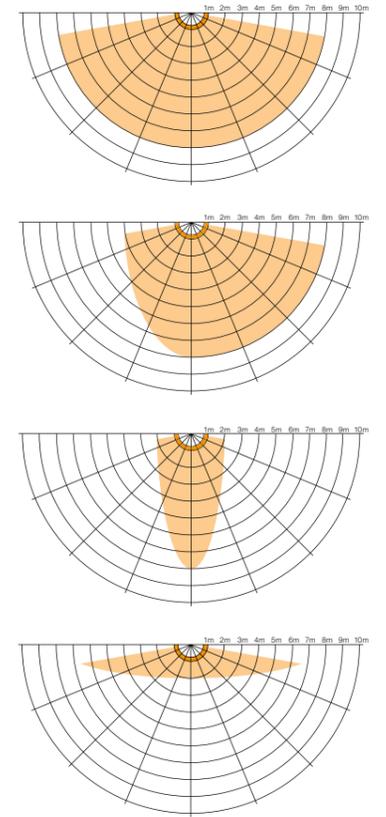


High-frequency sensor systems for outdoors.  
In a new dimension.



iHF 3D

Examples of the detection zone that can be adjusted on three axes



**Perfect motion detection redefined:  
Unfailing and totally exact.**

We wanted to create the ideal detector for outdoors and harness our high-frequency technology for use in the open. The effort has been well worth it: the iHF 3D lets us present you with the perfect detector for outdoors: the active sensor detects human walking movements in a radius of eight metres with equal precision from any direction. You can adjust its detection zone on three axes in exactly the way you want to. All made possible by the new 3D aerial technology. Inadvertent triggering by small animals is ruled out in just the same way as interference due to extreme temperatures. And the fact that we have given this leading technology an attractive look too goes without saying at STEINEL.



# iHF 3D

**Makes all the difference outside. Precisely where you want it to.**

No omissions, no compromises, no errors. The iHF 3D is the perfect motion detector for outdoors. Whether on facades, carports, patios or car parks – the intelligent high-frequency sensor only switches light on when it's really needed. Firstly, because it can distinguish human movements from the movements made by bushes, small animals and rain. And secondly, because users can set the maximum detection radius of 7 metres in all three dimensions with absolute precision to suit their particular needs. And in any weather.



intelligent high frequency sensor 160°



3 zones scalable 3x 1-8m

**2000w**

max.



IP 54



2m



2-2000 lux



10 sec-30 min



Marche forcée

**TEACH**

mode



energy saving

**5 JAHRE GARANTIE**

functional warranty



- EAN iHF 3D white ..... 4007841 007577
- EAN iHF 3D anthracite ..... 4007841 007591
- EAN iHF 3D black ..... 4007841 007584

**You will find the KNX version on page 122.**

- Type ..... Motion detector
- Dimensions (H x W x D) ..... 120 x 117 x 120 mm
- Power supply ..... 120-250 V, 50/60 Hz
- Sensor technology ..... iHF (intelligent high-frequency technology)
- Transmitter power ..... approx. 1mW
- HF system ..... 5.8 GHz
- Where to use ..... Outdoors
- Recommended installation height ..... 2 m
- Output (resistive load, e.g. ordinary lamp) ..... 2000W max., 230V
- ..... 1200W max., 120V
- Output (uncorrected, inductive, cos φ = 0.5, e.g. fluorescent lamps) ..... 1000VA max., 230V
- ..... 500VA max., 120V
- Output (series-corrected) ..... -
- Output (parallel corrected, with C ≤ 45.6 μF) ..... -
- Output (electronic ballasts, capacitive, e.g. low-energy lamps) ..... 800A/200μs max.
- ..... 30x (1x18W), 25x (2x18W),
- ..... 25x (1x36W), 15x (2x36W),
- ..... 20x (1x58W), 10x (2x58W)
- Angle of coverage ..... 160°
- Reach ..... 1-7 m
- Capability of masking out individual segments ..... Detection zone
- ..... can be adjusted on 3 axes
- Parallel-connected configurations ..... Yes
- User-friendly setting ..... Teach-In (with optional remote control RC 9)
- Response brightness ..... 2 - 2000 lx
- Time setting ..... 10 sec.- 30 min.
- IP rating ..... IP 54
- Protection class ..... II
- Enclosure ..... UV-resistant plastic
- Temperature range ..... -20 to +50°C

### Accessories

- EAN IR remote control RC9 ..... 4007841 007638
- Refer to the 'Accessories' section for further information.



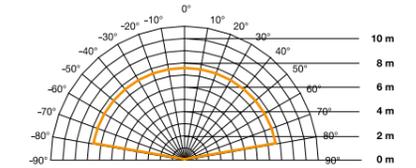
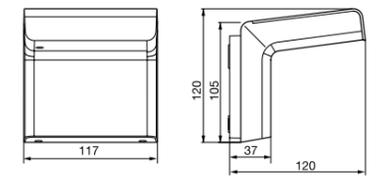
white



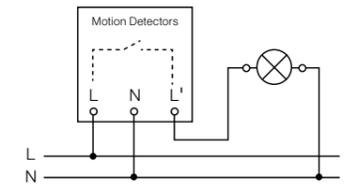
black



anthracite



iHF 3D detection zone  
Installation height 2 m  
black = tangential  
orange = radial



Also suitable for parallel operating mode.  
Intrinsic-light detection.

Further circuit diagrams starting on page 328.



Control unit for adjusting the detection zone in 3 axes



Control dials behind the designer trim panel



iHF sensor protected in the enclosure



UV-resistant plastic



Includes RC9 remote control



reddot design award