

# iHF 3D

V3.5 KNX - white  
 EAN 4007841 059644  
 Article number 059644



intelligent high frequency sensor  
160°



3 zones scalable 3 x  
1-5m, max. 7 m



KNX



IP54



10 - 2000 lux



10 sec - 30 min



Ideal 2 m



Teach

Teach mode



energy saving

5 years

manufacturer's warranty steinel-professional.de/garantie

## Function description

Detects what you want it to. Integrates into the building network. iHF 3D KNX 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. The new Bluetooth version lets you start the programming mode and update the software by app.

## 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	ETS software, Bus, Bluetooth, App, Potentiometers, Smartphone
Version	KNX - white
PU1, EAN	4007841059644
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

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	Presence detector logic
Twilight setting	10 – 2000 lx
Time setting	10 s – 1092 Min.
Basic light level function	Yes
Basic light level function time	10s - 18h 12min 15s
Main light adjustable	0 - 100 %

# iHF 3D

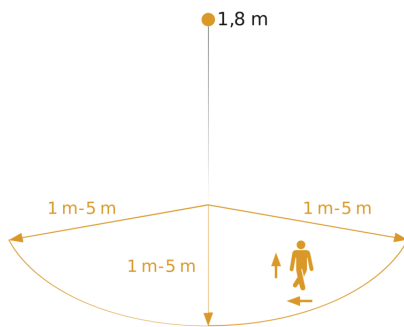
V3.5 KNX - white  
 EAN 4007841 059644  
 Article number 059644

## Technical specifications

IP-rating	IP54
Ambient temperature	from -20 up to 50 °C
Material	Plastic
Power supply, detail	KNX bus
With bus coupling	Yes
Technology, sensors	iHF (intelligent high-frequency technology), Light sensor
Mounting height	1,80 – 2,00 m
Mounting height max.	2,00 m
Optimum mounting height	1,8 m
HF-system	5,8 GHz

Twilight setting TEACH	Yes
Constant-lighting control	No
KNX functions	Photo-cell controller, Basic light level function, Light level, Light output 2x, Presence output, Day / night function, Logic gate, Direction of movement, Distance, Sabotage protection
Interconnection	Yes
Type of interconnection	Master/master, Master/slave
Interconnection via	KNX bus
Rated current	30 mA
Product category	Motion detector

## Detection Zone



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

## Dimension Drawing

