

**IS 345**

V3 KNX - in-ceiling installation, sq.  
EAN 4007841 079680  
Article number 079680

infrared sensor  
360°

max. 20 x 4 m



KNX



IP20



2 - 1000 lux



1 - 255 min



ideal 2,5 - 5 m

Teach



energy saving

5 years

manufacturer's  
warranty  
[steinel-professional.de/garantie](https://steinel-professional.de/garantie)**Function description**

Huge reach. Infrared motion detector IS 345 for indoors and out, ideal for passageways, corridors and commonly used spaces, installation height 5 m, detection zone 12 x 6 m (radial) and 23 x 6 m (tangential). Available either in round or square surface-mounted, concealed or in-ceiling installation.

**Technical specifications**

Type	Motion detectors
Dimensions (L x W x H)	121 x 94 x 94 mm
Sensor Technology	passive infrared
Application, place	Indoors
Installation site	ceiling
Installation	In-ceiling installation
Mounting height	2,50 – 5,00 m
Reach, radial	12 x 6 m (72 m <sup>2</sup> )
Reach, tangential	23 x 6 m (138 m <sup>2</sup> )
Detection angle	360 °
Angle of aperture	45 °
Optimum mounting height	2,5 m
Mechanical scalability	No
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Twilight setting TEACH	Yes

Time setting	0 s – 1092 Min.
Constant-lighting control	Yes
Basic light level function	Yes
KNX functions	Photo-cell controller, Basic light level function, Light level, HVAC output, Constant-lighting control, Light output 2x, Presence output, Day / night function, Logic gate
With bus coupling	Yes
Settings via	ETS software, Remote control, Bus, Smart Remote
Interconnection	Yes
Type of interconnection	Master/slave
IP-rating	IP20
Material	Plastic
Ambient temperature	-20 – 50 °C
Application, room	corridor / aisle, multi-storey / underground car park, Indoors
Colour	white
Colour, RAL	9003
Manufacturer's Warranty	5 years
Version	KNX - in-ceiling installation, sq.
PU1, EAN	4007841079680

# IS 345

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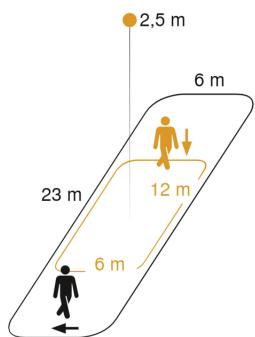
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## Accessories

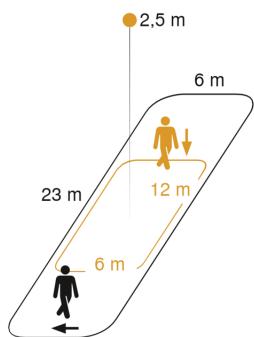
EAN 4007841 009151	Remote control Smart Remote
EAN 4007841 593018	Service remote control RC6 KNX
EAN 4007841 592912	User remote control RC7 KNX
EAN 4007841 056728	Black cover for IR-sensors

## Detection Zone 1



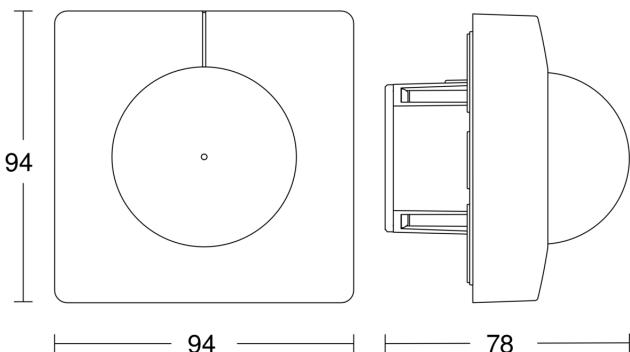
Mögliche Montagehöhe: 2,50 m – 5,00 m  
Orange: radial  
Schwarz: tangential

## Detection Zone 2

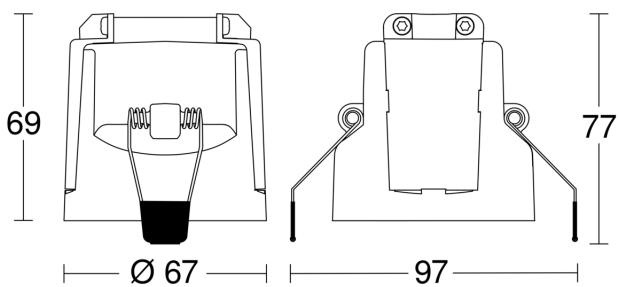


Mögliche Montagehöhe: 2,50 m – 5,00 m  
Orange: radial  
Schwarz: tangential

## Dimension Drawing 1



## Dimension Drawing 2



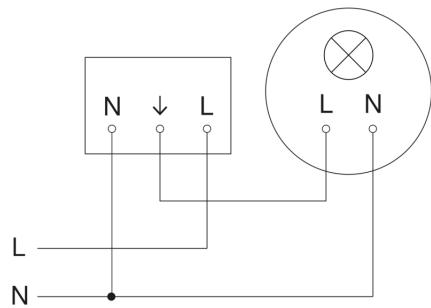
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Master circuit diagram



Master/slave interconnection circuit diagram

