Motion detector - Professional Line

IS 345

V3 KNX - in-ceiling installation, rd. white
EAN 4007841 079703
Article number 079703

infrared sensor 360°

max. 20 x 4 m

KNX

IP54

2 - 1000 lux

1-255 min

ideal 2,5 - 5 m

Teach

Teach mode

5 years

manufacturer's warranty steinel.de/garantie

CE

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 and concealed version.

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Technical specifications

Dimensions (L x W x H)	121 x 94 x 94 mm
Dimensions (Ø x H)	124 x 121 mm
Manufacturer's Warranty	5 years
Settings via	ETS software, Remote control, Bus, Smart Remote
Version	KNX - in-ceiling installation, rd. white
PU1, EAN	4007841079703
Type	Motion detectors
Application, place	Indoors
Application, room	corridor / aisle, multi-storey / underground car park, Indoors
Colour	white
Colour, RAL	9003
Includes corner wall mount	No
Installation site	ceiling
Installation	Concealed wiring, Ceiling, In-ceiling installation
IP-rating	IP20
Ambient temperature	from -20 up to 50 °C
Material	Plastic
With bus coupling	Yes
Mounting height	2,50 – 5,00 m
Mounting height max.	5,00 m
Optimum mounting height	2,5 m

Detection angle	Aisle, 360 °
Angle of aperture	45 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	No
Mechanical scalability	No
Reach, radial	12 x 6 m (72 m^2)
Reach, tangential	23 x 6 m (138 m^2)
Time setting	0 s – 1092 Min.
Basic light level function	Yes
Main light adjustable	0 - 100 %
Twilight setting TEACH	Yes
Constant-lighting control	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
Interconnection	Yes
Type of interconnection	Master/slave
Interconnection via	KNX bus
Rated current	12,5 mA
KNX Medium	TP 256
KNX Secure	No
Product category	Motion detector

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 056742	Black cover for IR-sensors concealed, rd.

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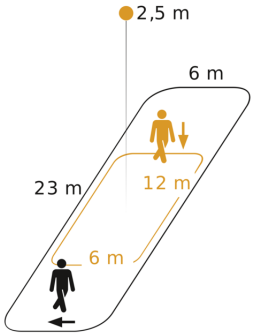
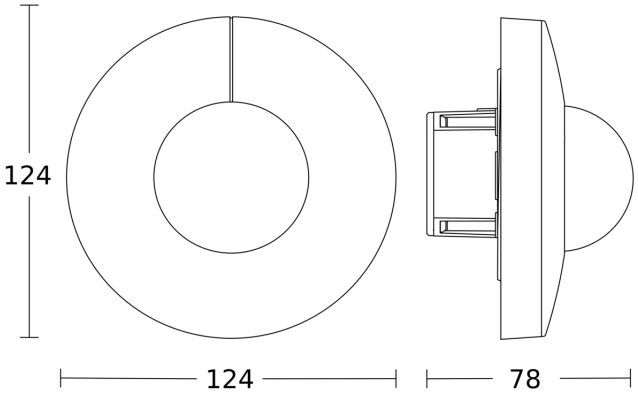
Detection Zone

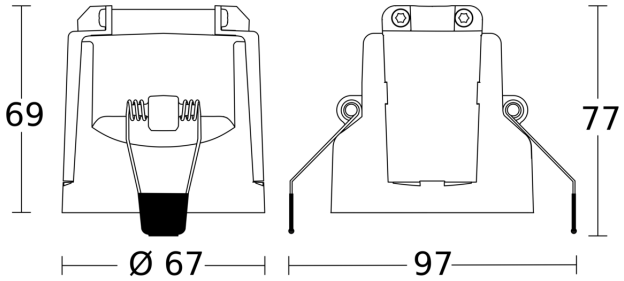


Possible mounting height: 2,50 m - 5,00 m
Orange: radial
Black: tangential

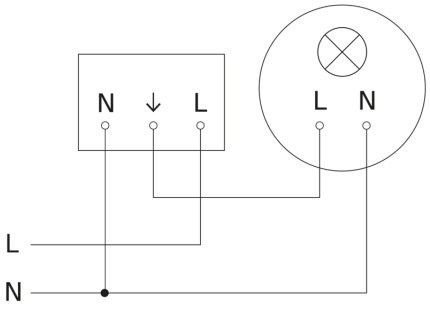
Dimension Drawing 1



Dimension Drawing 2



Master circuit diagram



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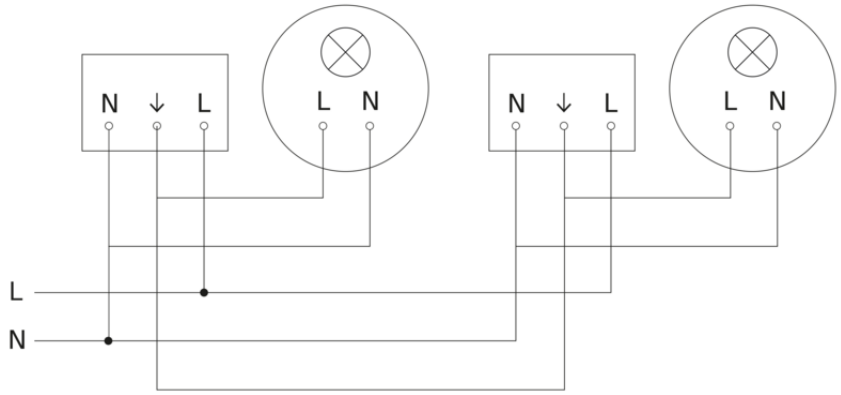
Master/slave interconnection circuit diagram