

IR 180 AP easy Surface wiring

MOTION DETECTOR

neva
lux

EAN 4007841066048

E-Nr. 535942210

- Infrared motion detector with 180° detection angle and up to 8 m detection range
- For surface wall mounting indoors and outdoors (IP 54), for easy retrofitting to automatic light in new and existing buildings (For 2- and 3-wire installation)
- Made of UV-resistant plastic for a long service life
- Stepless adjustment of time (5 sec. - 30 min.) and switch-on brightness (2-1000 lux), teach function, push-button for use as conventional light switch
- Reliably switches any light source with a total of max. 200 W switching load (LED light sources max. 160 W/50 pcs.)
- Incl. mounting accessories - plastic-free packaging

 **steinel**

82 x 72 x 67 mm



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Technical Data

IDENTIFICATION		SENSOR TECHNOLOGY		Twilight setting	
Version	Motion detectors	Max. mounting height	2,20 m	Time setting	5 s – 30 Min.
DIMENSIONS		Sensor technology	passive infrared	Base light function	No
Dimensions L x W x H	82 x 72 x 67 mm	With motion detector	Yes	Main light adjustable	No
ELECTRICAL		Detection angle	180 °	Settings via	Potentiometers
Mains connection	220 – 240 V / 50 – 60 Hz	Opening angle	90 °	With remote control	No
Power	200 W	Sneak-under protection	Yes	Twilight setting teach	Yes
Switching output 1 resistive	200 W	Electronic scalability	No	HOUSING & MATERIAL	
Fluorescent lamps ECG	150 W	Mechanical scalability	No	Protection class (IP)	IP54
Fluorescent lamps uncompensated	150 VA	Radial range	r = 3 m (14 m²)	Protection class	II
Fluorescent lamps series-compensated	150 VA	Tangential range	r = 8 m (101 m²)	Ambient temperature	from 0 up to 40 °C
Fluorescent lamps parallel-compensated	150 VA	Switching zones	96 switching zones	Mounting location	wall
Switching output 1 low-voltage halogen lamps	200 VA	Mounting height	0,90 – 2,20 m	Application location	Indoors Outdoors
LED lamps < 2 W	40 W	Optimal mounting height	1,1 m	Mounting type	Surface wiring
LED lamps > 2 W < 8 W	100 W	CONNECTIVITY		Material	Plastic
LED lamps > 8 W	160 W	Networking	Yes	Application room	Indoors WC / washroom corridor / aisle function room / ancillary room outdoors
Capacitive load in µF	132 µF	LIGHTING TECHNOLOGY		Colour	grey
Switching output 1 number of LED/fluorescent lamps	4 pcs.	Soft light start	No	RAL colour	7035
		Continuous light	selectable	SCOPE OF DELIVERY & WARRANTY	
		Constant light regulation	No	Manufacturer warranty	3 years
		SETTINGS		Corner wall bracket included	No
		Twilight switch	Yes		

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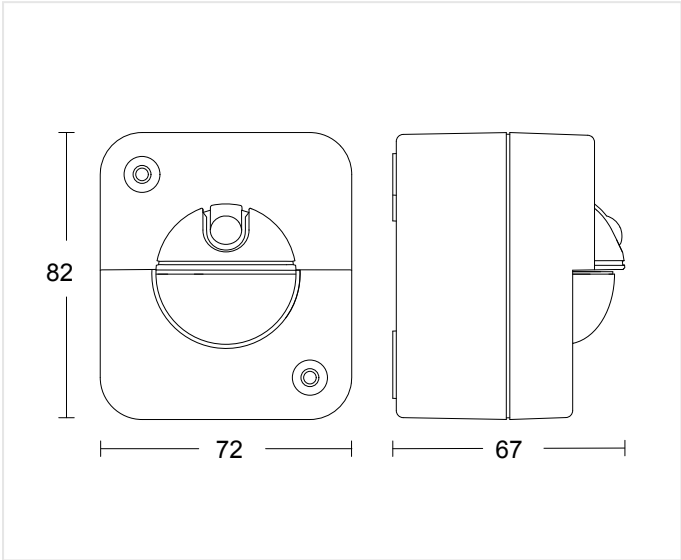
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Illustrations

TECHNICAL DRAWINGS



82 x 72 x 67 mm

MOUNTING HEIGHT

0,90 – 2,20 m BEREICH	1,1 m OPTIMAL	2,20 m MAX
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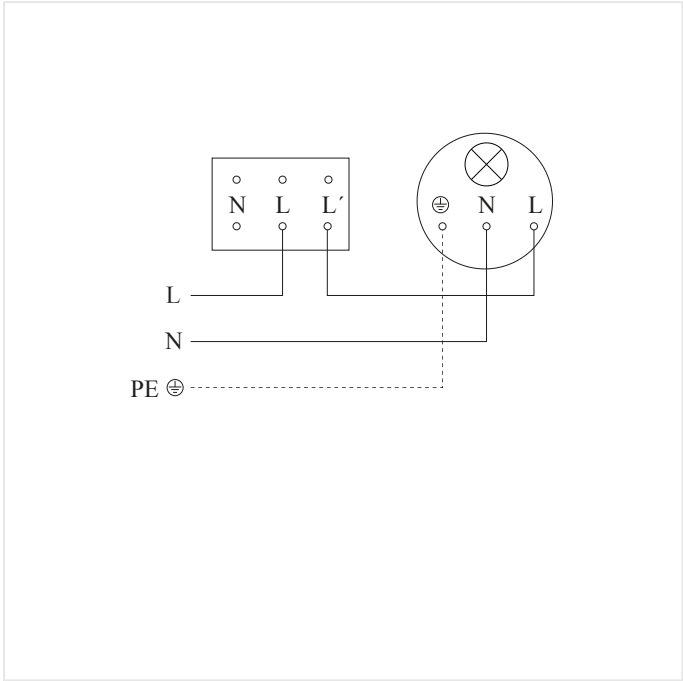
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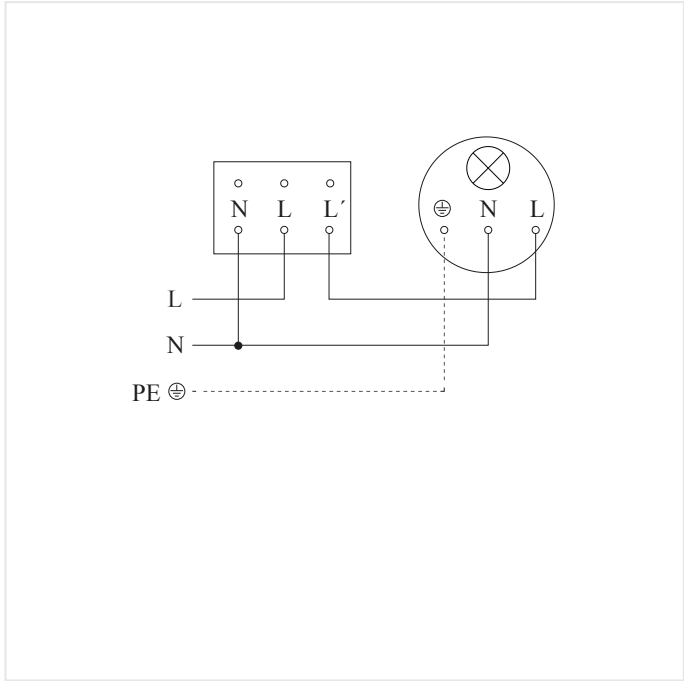
Wiring Diagrams

WIRING DIAGRAM 1



2-wire circuit diagram

WIRING DIAGRAM 2



3-wire circuit diagram

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Highlights



2 or 3-wire installation

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Accessories

ORDERING INFORMATION

Art.-Nr.	066048
EAN	4007841066048
E-Number	535942210
Typ	IR 180 AP easy Surface wiring

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