IR 180 AP easy Surface wiring

MOTION DETECTOR

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

Version	**Motion detectors**

DIMENSIONS

Dimensions L × W × H	**82 x 72 x 67 mm**

ELECTRICAL

Mains connection	**220 – 240 V / 50 – 60 Hz**
Power	**200 W**
Switching output 1 resistive	**200 W**
Fluorescent lamps ECG	**150 W**
Fluorescent lamps uncompensated	**150 VA**
Fluorescent lamps series-compensated	**150 VA**
Fluorescent lamps parallel-compensated	**150 VA**
Switching output 1 low-voltage halogen lamps	**200 VA**
LED lamps < 2 W	**40 W**
LED lamps > 2 W < 8 W	**100 W**
LED lamps > 8 W	**160 W**
Capacitive load in µF	**132 µF**
Switching output 1 number of LED/fluorescent lamps	**4 pcs.**

SENSOR TECHNOLOGY

Max. mounting height	**2,20 m**
Sensor technology	**passive infrared**
With motion detector	**Yes**
Detection angle	**180 °**
Opening angle	**90 °**
Sneak-under protection	**Yes**
Electronic scalability	**No**
Mechanical scalability	**No**
Radial range	**r = 3 m (14 m²)**
Tangential range	**r = 8 m (101 m²)**
Switching zones	**96 switching zones**
Mounting height	**0,90 – 2,20 m**
Optimal mounting height	**1,1 m**

CONNECTIVITY

Networking	**Yes**
Control technology	**On/Off-Leuchte**

LIGHTING TECHNOLOGY

Soft light start	**No**
Continuous light	**selectable**
Constant light regulation	**No**

SETTINGS

Twilight switch	**Yes**
Twilight setting	**2 – 1000 lx**
Time setting	**5 s – 30 Min.**
Base light function	**No**
Main light adjustable	**No**
Settings via	**Potentiometers**
With remote control	**No**
Twilight setting teach	**Yes**

HOUSING & MATERIAL

Protection class (IP)	**IP54**
Protection class	**II**
Ambient temperature	**from 0 up to 40 °C**
Mounting location	**wall**
Application location	**Indoors Outdoors**
Mounting type	**Surface wiring**
Material	**Plastic**
Application room	**Indoors WC / washroom corridor / aisle function room / ancillary room outdoors**
Colour	**grey**
RAL colour	**7035**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**3 years**
Corner wall bracket included	**No**

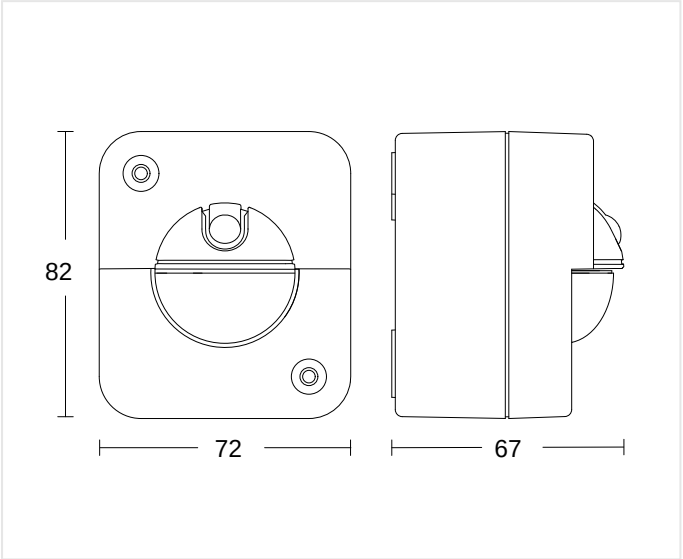
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Illustrations

TECHNICAL DRAWINGS



82 x 72 x 67 mm

MOUNTING HEIGHT

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

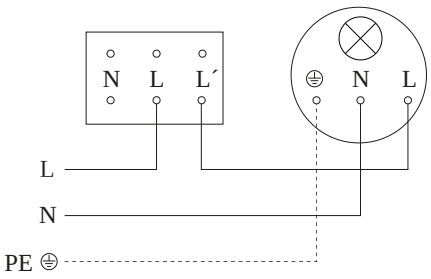
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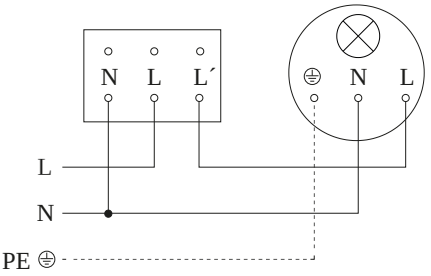
Wiring Diagrams

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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