

MD IR N270 uDIM - surface white

MOTION DETECTOR



EAN 4007841079871

- Even closer monitoring of access areas: the ideal solution for building entrances and facades
- Eagle Eye technology extends the individual detection range when approaching the sensor head-on
- With the uDIM interface, soft light start and basic lighting can now also be used with conventional luminaires. Prerequisite: the light source must be dimmable
- Sensor family with three detection ranges: wall mounting 130° or 270° and ceiling mounting with 360°, optionally as surface-mounted or recessed version
- Commissioning, settings and networking via Bluetooth Mesh
- Extensive connect functions, such as control of connected outdoor luminaires, definition of time switch programmes and integration of wireless push buttons
- Corner wall bracket included

87 x 82 x 98 mm



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Technical Data

IDENTIFICATION					
PU1 EAN	4007841079871	Detection angle	270 °	Base light function time	5s-60 min
Material number	110083241	Sneak-under protection	Yes	Settings via	Bluetooth App
SAP designation	BEWEGUNGSMELDER MD IR N270 UDIM WS	Segment-by-segment masking	Yes	With remote control	No
Version	Motion detectors	Electronic scalability	Yes	Twilight setting teach	Yes
Product name data sheet	MD IR N270 uDIM - surface white	Mechanical scalability	No	Base light function in percent	5 – 100 %
Product category	Motion detector	Radial range	r = 2.7 m (17 m²)	Base light function percent from	5
Discount group	B	Tangential range	r = 12.5 m (368 m²)	Base light function percent to	100
Source	Steinel Excel	Switching zones	442 switching zones	HOUSING & MATERIAL	
Product status	Normal	Mounting height	1,8 – 6,00 m	Protection class (IP)	IP54
Manufacturer	Steinel	Optimal mounting height	2,5 m	Ambient temperature	from -20 up to 40 °C
DIMENSIONS		Nevalux sensor technology	BT SIG Mesh	Cover material (scope of delivery)	Cover clips
Dimensions L × W × H	87 x 82 x 98 mm	CONNECTIVITY		Application location	Outdoors
PU1 net weight	0.136	Networking	Yes	Mounting type	Surface wiring
ELECTRICAL		Networking via	Bluetooth Mesh	Material	Plastic
Mains connection	50 – 60 Hz	LIGHTING TECHNOLOGY		Colour	white
Power	0,5 W	Continuous light	selectable	RAL colour	9010
SENSOR TECHNOLOGY		Constant light regulation	No	SCOPE OF DELIVERY & WARRANTY	
Max. mounting height	6,00 m	SETTINGS		Manufacturer warranty	5 years
Sensor technology	passive infrared	Twilight switch	Yes	Corner wall bracket included	Yes
With motion detector	Yes	Twilight setting	2 – 2000 lx		
		Time setting	5 s – 60 Min.		
		Base light function	Yes		

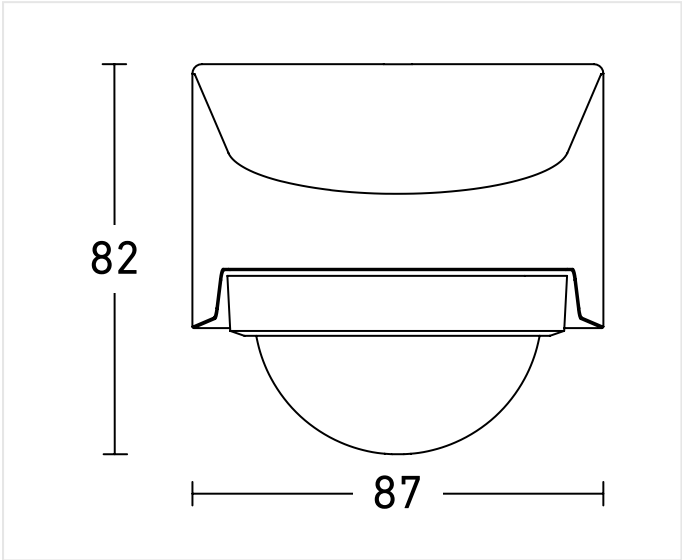
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Illustrations

TECHNICAL DRAWINGS



87 x 82 x 98 mm

MOUNTING HEIGHT

1,8 – 6,00 m BEREICH	2,5 m OPTIMAL	6,00 m MAX
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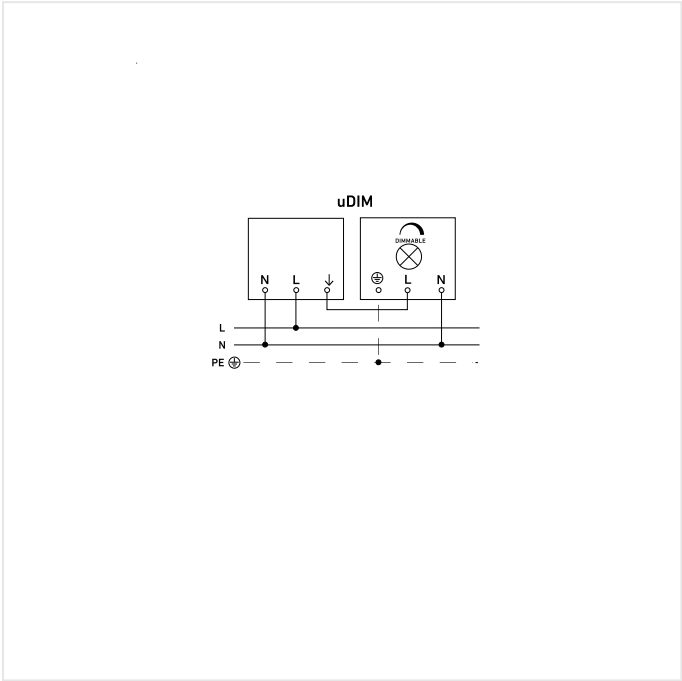
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Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram for phase and section dimming

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841067335	Relais REL5A-Bluetooth	System components
 4007841067342	Tasterkoppler PC4-Bluetooth	System components

ORDERING INFORMATION

Art.-Nr.

079871

EAN

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Typ

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