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



MD IR N270 uDIM - surface white

MOTION DETECTOR

EAN **4007841079871**

Technical Data

IDENTIFICATION

Version	**Motion detectors**

DIMENSIONS

Dimensions L × W × H	**87 x 82 x 98 mm**

ELECTRICAL

Mains connection	**50 – 60 Hz**
Power	**0,5 W**

SENSOR TECHNOLOGY

Max. mounting height	**6,00 m**
Sensor technology	**passive infrared**
With motion detector	**Yes**
Detection angle	**270 °**
Sneak-under protection	**Yes**
Segment-by-segment masking	**Yes**
Electronic scalability	**Yes**
Mechanical scalability	**No**
Radial range	**r = 2.7 m (17 m²)**
Tangential range	**r = 12.5 m (368 m²)**
Switching zones	**442 switching zones**
Mounting height	**1,8 – 6,00 m**
Optimal mounting height	**2,5 m**

CONNECTIVITY

Networking	**Yes**
Control technology	**Steinel Connect**
Wireless networking via	**BT SIG Mesh**

LIGHTING TECHNOLOGY

Continuous light	**selectable**
Constant light regulation	**No**

SETTINGS

Twilight switch	**Yes**
Twilight setting	**2 – 2000 lx**
Time setting	**5 s – 60 Min.**
Base light function	**Yes**
Base light function time	**5s-60 min**
Settings via	**Bluetooth App**
With remote control	**No**
Twilight setting teach	**Yes**
Base light function in percent	**5 – 100 %**
Base light function percent from	**5 %**

HOUSING & MATERIAL

Protection class (IP)	**IP54**
Ambient temperature	**from -20 up to 40 °C**
Cover material (scope of delivery)	**Cover clips**
Application location	**Outdoors**
Mounting type	**Surface wiring**
Material	**Plastic**
Colour	**white**
RAL colour	**9010**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**
Corner wall bracket included	**Yes**

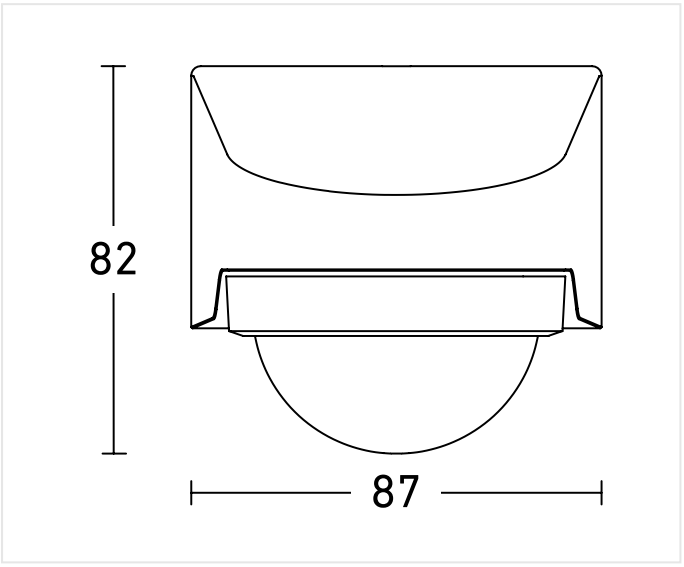
MD IR N270 uDIM - surface white

MOTION DETECTOR

EAN 4007841079871

Illustrations

TECHNICAL DRAWINGS



87 x 82 x 98 mm

MOUNTING HEIGHT

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

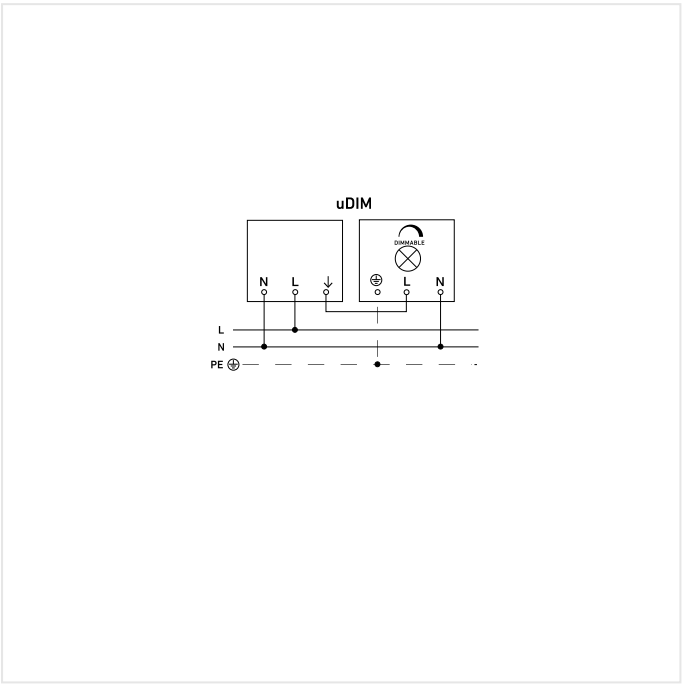
MD IR N270 uDIM - surface white

MOTION DETECTOR

EAN 4007841079871

Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram for phase and section dimming

MD IR N270 uDIM - surface white

MOTION DETECTOR

EAN 4007841079871

Accessories

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

ORDERING INFORMATION

Art.-Nr.	079871
EAN	4007841079871
Typ	**MD IR N270 uDIM - surface white**

nevalux AG
Neugrütstrasse 2
8610 Uster
+41 44 508 78 78
info@nevalux.swiss