

RS 16 S PMMA

SENSOR-SWITCHED LED INDOOR LIGHT

neva
lux

EAN 4007841008383

E-Nr. 941300179

- Indoor light with motion detector in a simple round design with UV-resistant plastic cover
- As ceiling or wall luminaire especially suitable for corridors, staircases, guest WCs or basement rooms
- Several luminaires can be networked by cable for synchronous switching
- Automatic light thanks to hidden 360° high-frequency sensor with up to Ø8 m detection on movement
- Functions: adjustable basic light, 4 hours continuous light
- Neutral white light (4000 K) and long-life 9,5 W LEDs with 958 lm
- Incl. mounting accessories - plastic-free packaging

● steinel

276 x 105 mm



RS 16 S PMMA

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841008383

E-Nr. 941300179

Technical Data

DIMENSIONS	
Dimensions Ø × H	276 x 105 mm
ELECTRICAL	
Mains connection	220 – 240 V / 50 – 60 Hz
Power	9,5 W
Own consumption	0,38 W
SENSOR TECHNOLOGY	
Max. mounting height	4,00 m
Sensor technology	High frequency
Transmission power	< 1 mW
HF technology	5,8 GHz
With motion detector	Yes
Detection	also through glass, wood and stud walls
Detection angle	360 °
Opening angle	160 °
Segment-by-segment masking	No
Electronic scalability	Yes
Mechanical scalability	No
Radial range	Ø 8 m (50 m²)
Tangential range	Ø 8 m (50 m²)
Mounting height	2,00 – 4,00 m
Optimal mounting height	2,8 m
CONNECTIVITY	
Networking	Yes
Type of networking	Master/master

Networking via	Cable
Slave mode adjustable	No
LIGHTING TECHNOLOGY	
Measured luminous flux 360°	958 lm
Colour temperature	4000 K
LED colour deviation	SDCM3
With illuminant	Yes, STEINEL LED system
Illuminant	LED cannot be replaced
Base	without
LED cooling system	Passive Thermo Control
Soft light start	No
Continuous light	selectable
LIFETIME	
LED lifetime max. °C	50000 h
LED lifetime L70B50 25°C	> 60000 h
Luminous flux decline per LM80	L70B10
SETTINGS	
Twilight switch	Yes
Twilight setting	2 – 2000 lx
Time setting	5 s – 15 Min.
Base light function	Yes
Base light function time	10/30 min, all night
Settings via	Potentiometers
With remote control	No

Twilight setting teach	No
Base light function in percent	10 %
Base light function percent from	10 %
HOUSING & MATERIAL	
Impact resistance	IK03
Protection class (IP)	IP44
Protection class	II
Ambient temperature	from -10 up to 40 °C
Housing material	Plastic
Cover material	Plastic, opal
Mounting location	ceiling wall
Application location	Indoors
Mounting type	Surface wiring
Application room	Indoors WC / washroom corridor / aisle function room / ancillary room outdoors stairwell
Colour	white
SCOPE OF DELIVERY & WARRANTY	
Manufacturer warranty	3 years
House number sheet included	No
CERTIFICATES & EPREL	
Certificates	DEKRA
EPREL category	Surrounded product with integrated light source

RS 16 S PMMA

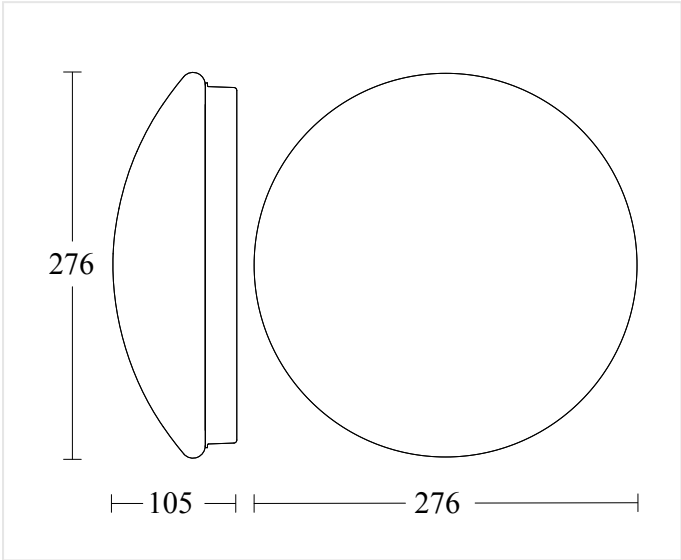
SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841008383

E-Nr. 941300179

Illustrations

TECHNICAL DRAWINGS



276 x 105 mm

MOUNTING HEIGHT

2,00 – 4,00 m BEREICH	2,8 m OPTIMAL	4,00 m MAX
---	-------------------------------------	----------------------------------

RS 16 S PMMA

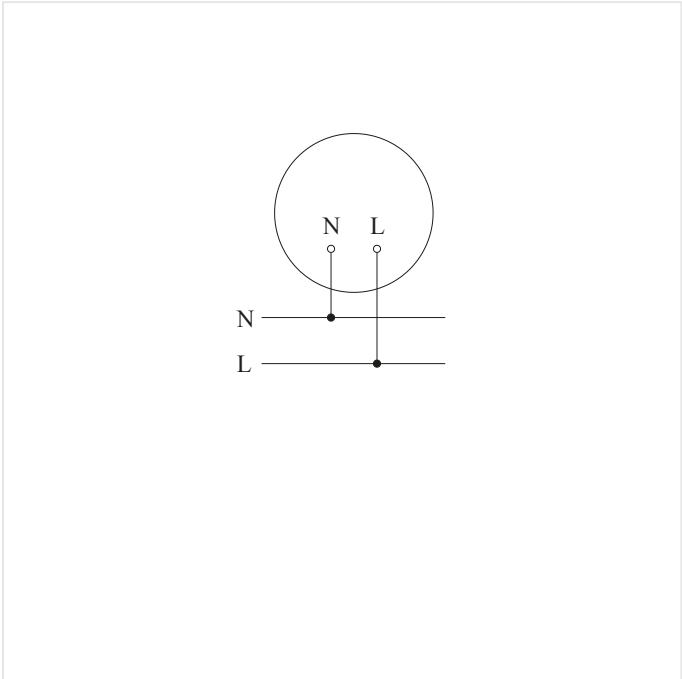
SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841008383

E-Nr. 941300179

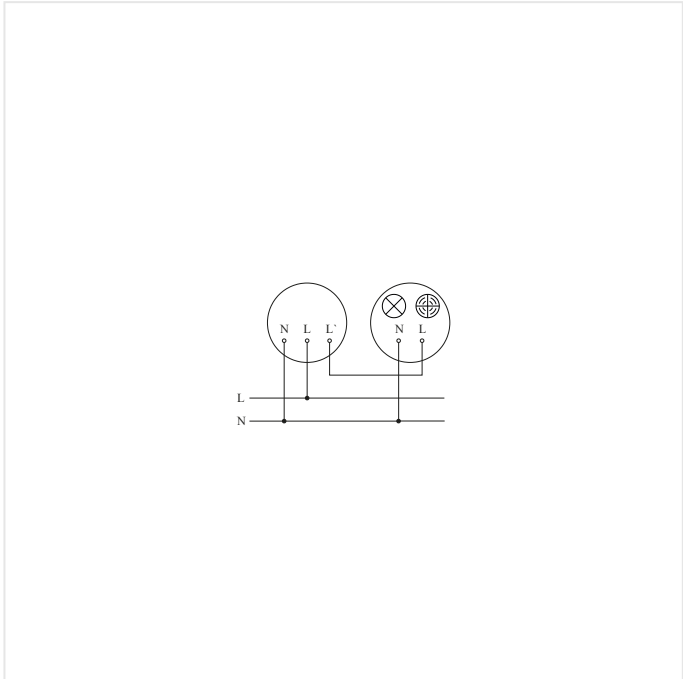
Wiring Diagrams

WIRING DIAGRAM 1



Circuit diagram

WIRING DIAGRAM 2



Master circuit diagram

RS 16 S PMMA

SENSOR-SWITCHED LED INDOOR LIGHT

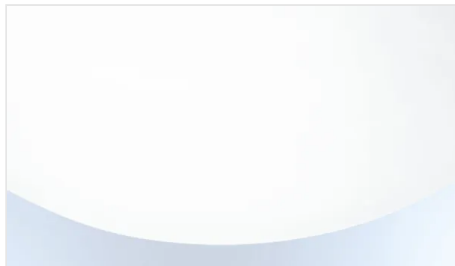
EAN 4007841008383

E-Nr. 941300179

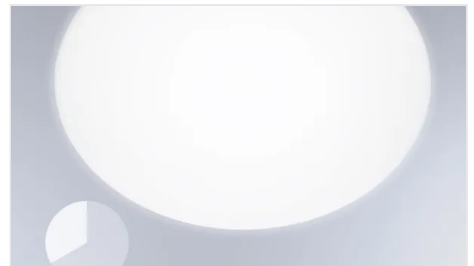
Highlights



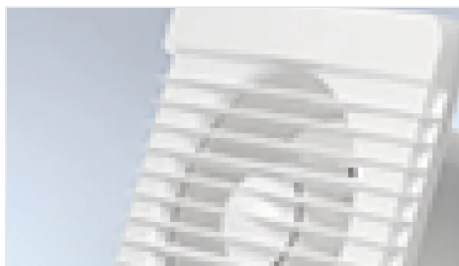
Including STEINEL LED system



UV-resistant plastic



4-hour manual override (optional)



Facility for connecting fan

RS 16 S PMMA

SENSOR-SWITCHED LED INDOOR LIGHT

EAN 4007841008383

E-Nr. 941300179

Accessories

ORDERING INFORMATION	
Art.-Nr.	008383
EAN	4007841008383
E-Number	941300179
Typ	RS 16 S PMMA
neva lux nevalux AG Neugrütstrasse 2 8610 Uster +41 44 508 78 78 info@nevalux.swiss	