

RS PRO R20 basic Q SC warm white

SENSOR-SWITCHED LED INDOOR LIGHT

neva
lux

EAN 4007841067847

E-Nr. 941002609



300 x 300 x 52 mm



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Technical Data

DIMENSIONS

Dimensions L x W x H

300 x 300 x 52 mm

ELECTRICAL

Mains connection

220 – 240 V / 50 – 60 Hz

Power

15,38 W

Own consumption

0,3 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

Yes

Electronic scalability

Yes

Mechanical scalability

No

Radial range

Ø 10 m (79 m²)

Tangential range

Ø 10 m (79 m²)

Mounting height

2,00 – 4,00 m

Optimal mounting height

2,8 m

CONNECTIVITY

Networking

Yes

Type of networking

Master/master

Networking via

Bluetooth Mesh

Slave mode adjustable

Yes

LIGHTING TECHNOLOGY

Measured luminous flux 360°

1826 lm

Colour temperature

3000 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

Yes

Continuous light

selectable

LIFETIME

LED lifetime max. °C

50000 h

LED lifetime L70B50 25°C

> 60000 h

Luminous flux decline per LM80

L80B50

SETTINGS

Twilight switch

Yes

Twilight setting

2 – 2000 lx

Time setting

5 s – 60 Min.

Base light function

Yes

Base light function detail

LED effect light

Base light function time

1-60 min

Main light adjustable

0 - 100 %

Functions

Group parameterisation
Manual ON / ON-OFF
Neighbouring group function
Orientation light
Motion sensor
Light sensor
Encrypted communication
Free selection of the light value in a luminaire group
Adjustable fade time when switching on and off

Settings via

Bluetooth

With remote control

No

Twilight setting teach

Yes

Base light function in percent

0 – 100 %

Base light function percent from

0 %

HOUSING & MATERIAL

Impact resistance

IK07

Protection class (IP)

IP40

Protection class

II

Ambient temperature

from -20 up to 40 °C

Housing material

Plastic

Cover material

PC, opal

Mounting location

ceiling wall

Application location

Indoors

Mounting type

Surface wiring

Material

Plastic

Application room

Indoors changing room
corridor / aisle function room
/ ancillary room kitchenette
stairwell

Colour

white

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty

5 years

House number sheet included

No

CERTIFICATES & EPREL

EPREL category

Surrounded product with integrated light source

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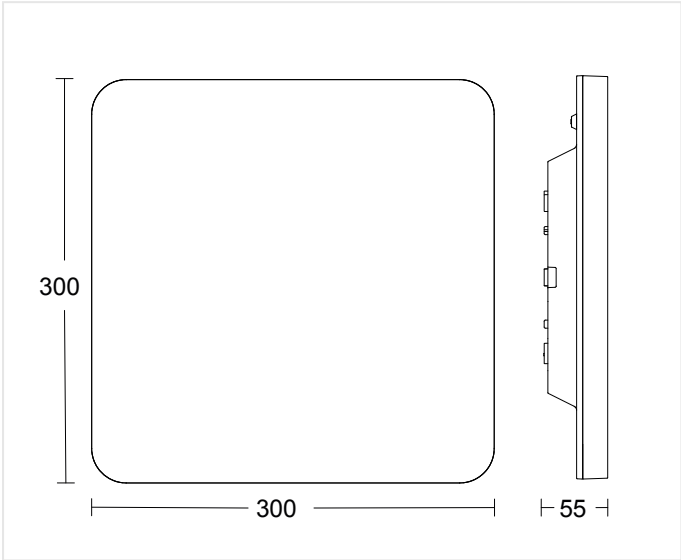
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Illustrations

TECHNICAL DRAWINGS



300 x 300 x 52 mm

MOUNTING HEIGHT

2,00 – 4,00 m BEREICH	2,8 m OPTIMAL	4,00 m MAX
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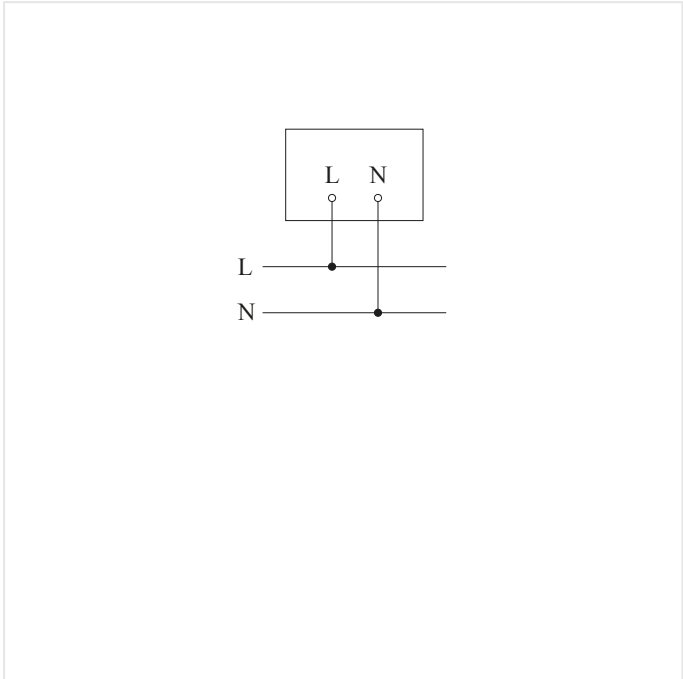
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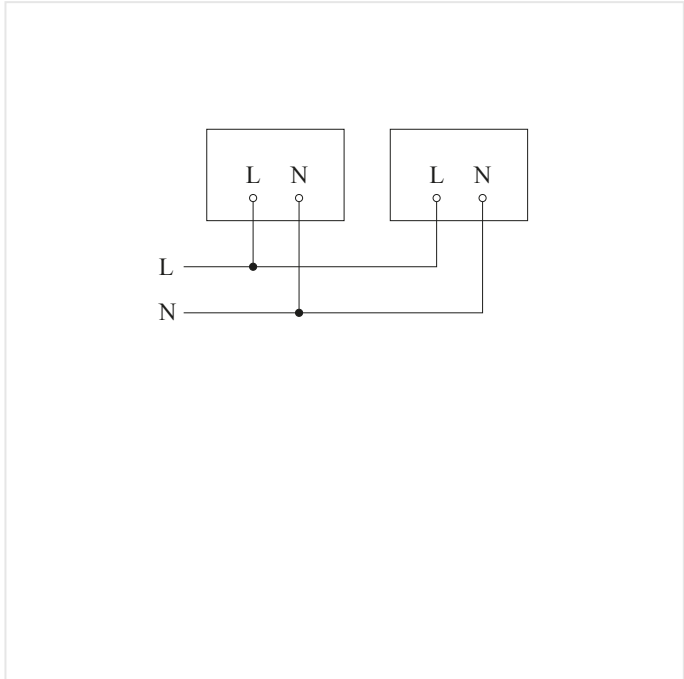
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Wiring Diagrams

WIRING DIAGRAM 1



WIRING DIAGRAM 2



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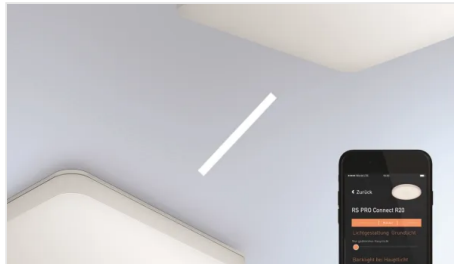
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Highlights



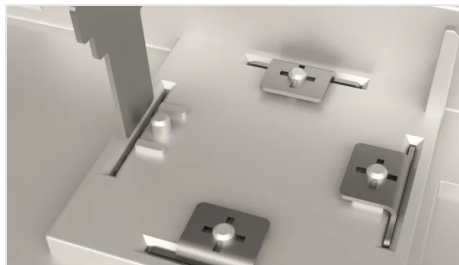
Including STEINEL LED system



Interconnectable and adjustable via Bluetooth



Impact-resistant material rated to IK07



Metal shrouds for defining the direction of sensor detection



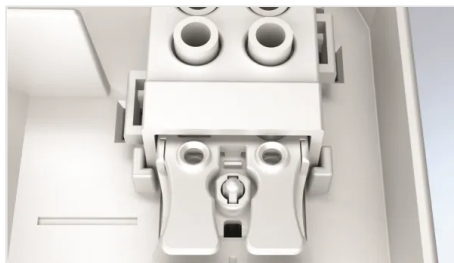
Optional basic lighting level 0 - 100 %



Adjustable main light brightness (0 - 100%)



Optional emergency light



Modern plug-in terminals for straightforward installation

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Accessories

ARTICLE NUMBER	DESCRIPTION	CATEGORY
 4007841067335	Relais REL5A-Bluetooth	System components
 4007841067342	Tasterkoppler PC4-Bluetooth	System components
 4007841064914	Ersatzakku für Notlicht R-Serie	Spare Part
 4007841087234	Adapter R-Serie für Notlichtweiche	Accessory
 4007841064143	Notlicht-Modul R-Serie	Accessory
 4007841084653	Funktaster PB2-Bluetooth	System components
 4007841084660	Funktaster PB4-Bluetooth	System components
 221386	Universal P-Set 3S	Suspension cable

ORDERING INFORMATION

Art.-Nr.

067847

EAN

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941002609

Typ

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