

IR Micro Office 6m DALI-2 APC - in-ceiling installation

neva
lux

PRESENCE DETECTOR

EAN 4007841067144

- Perfectly suited for small rooms such as individual offices
- Light management, e.g. constant light control, light scenes, semi- / full automatic control
- Broadcast control of up to 20 dimmable DALI luminaires
- Cover caps for detection limitation simply snap into place included
- Commissioning and setting via STEINEL Connect app

85 x 69 mm



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Technical Data

IDENTIFICATION	
PU1 EAN	4007841067144
Material number	110074747
SAP designation	PRAESENZM IR MICRO OFFICE DALI2-APC DEWS
Version	Presence detector
Product name data sheet	IR Micro Office 6m DALI-2 APC - in-ceiling installation
Product category	Presence detector
Discount group	P1
Source	Steinel Excel
Product status	Normal
Manufacturer	Steinel
DIMENSIONS	
Dimensions Ø × H	85 x 69 mm
PU1 net weight	0.079
ELECTRICAL	
Mains connection	220 – 240 V / 50 – 60 Hz
Control output DALI	Broadcast 1x20 electronic ballasts
Maximum inrush current	10 A
SENSOR TECHNOLOGY	
Max. mounting height	5,00 m
Sensor technology	passive infrared
With motion detector	Yes
Detection angle	360 °
Opening angle	90 °
Sneak-under protection	Yes
Segment-by-segment masking	Yes
Electronic scalability	No
Mechanical scalability	Yes
Radial range	4 x 4 m (16 m²)

Tangential range	6 x 6 m (36 m²)
Switching zones	168 switching zones
Mounting height	2 – 5 m
Presence range	4 x 4 m (16 m²)
Optimal mounting height	2,8 m
Nevalux sensor technology	BT SIG Mesh, DALI 2
CONNECTIVITY	
Networking	Yes
Networking via	Bluetooth Mesh
Number of DALI participants	20
With bus coupler	No
LIGHTING TECHNOLOGY	
Soft light start	Yes
Continuous light	selectable
Constant light regulation	Yes
SETTINGS	
Twilight switch	Yes
Twilight setting	2 – 1000 lx
Time setting	5 s – 60 Min.
Base light function	Yes
Base light function time	10s-60 min all night Brightness-controlled OFF
Main light adjustable	0 - 100 %
Functions	Semi-/fully automatic Lighting scenario Manual ON / ON-OFF Normal / test mode Neighbouring group function TouchDIM function Motions sensor Constant-lighting control Light sensor Adjustable fade time when switching on and off Constant-lighting control ON-OFF Presence function Presence detector logic

Settings via	Bluetooth
With remote control	No
Twilight setting teach	Yes
Base light function in percent	0 – 100 %
Base light function percent from	0
Base light function percent to	100
HOUSING & MATERIAL	
Protection class (IP)	IP20
Ambient temperature	from -25 up to 55 °C
Housing material	Plastic
Cover material	without cover
Cover material (scope of delivery)	shrouds
Mounting location	ceiling
Application location	Indoors
Mounting type	In-ceiling installation
Material	Plastic
Application room	Indoors one-person office function room / ancillary room conference room / meeting room duty room recreation room kitchenette
Colour	white
RAL colour	9003

SCOPE OF DELIVERY & WARRANTY	
Manufacturer warranty	5 years
Corner wall bracket included	No
CERTIFICATES & EPREL	
Certificates	DALI-2

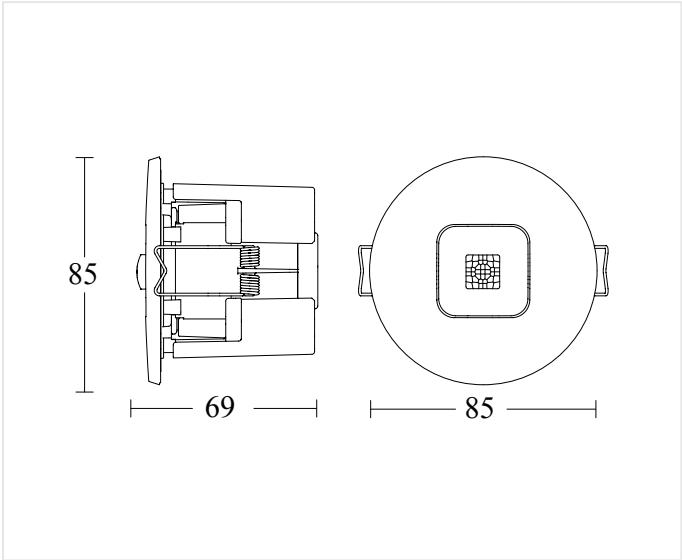
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Illustrations

TECHNICAL DRAWINGS



85 x 69 mm

MOUNTING HEIGHT

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

The diagram illustrates the wiring for a DALI and EVG lighting control system. It features three main components connected to a common L (Line) and N (Neutral) supply:

- Left Component:** A box containing terminals for S, N, L, and DALI (+, -). The S, N, and L terminals are connected to the supply lines. The DALI (+, -) terminals are connected to the DALI (+, -) terminals of the middle component.
- Middle Component:** A box containing terminals for DALI (+, -), L, N, and EVG (+, -). The L and N terminals are connected to the supply lines. The DALI (+, -) terminals are connected to the S and N terminals of the left component. The EVG (+, -) terminals are connected to the DALI (+, -) terminals of the right component.
- Right Component:** A box labeled "< 50m" containing a switch symbol. The switch is connected to the L and N supply lines. The EVG (+, -) terminals of the middle component are connected to the switch.

Circuit diagram

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Accessories

ORDERING INFORMATION

Art.-Nr. 067144

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