LuxMaster IR Quattro HD-2 24m DALI-2 APC - surface

PRESENCE DETECTOR

EAN 4007841064365
E-Nr. 535903072

- Passive infrared presence detector with square 360° detection
- 5.200 switching zones for the finest detection
- Ideal for open-plan offices and classrooms
- 4 pyrosensors can be individually activated / deactivated, sensitivity digitally adjustable
- Setting and networking via Bluetooth
- Measurement of presence and brightness
- DALI addressing of up to 64 participants in max. 4 groups
- Operating modes: fully and semi-automatic, light sensor operation, night-time economy mode
- Time-based control with time and day-dependent light profiles

steinel

64 x 123 x 123 mm



LuxMaster IR Quattro HD-2 24m DALI-2 APC - surface

PRESENCE DETECTOR

EAN 4007841064365
E-Nr. 535903072

Technical Data

IDENTIFICATION

Version	Presence detector

DIMENSIONS

Dimensions L × W × H	64 x 123 x 123 mm

ELECTRICAL

Mains connection	220 – 240 V / 50 – 60 Hz
Own consumption	0,3 W
Supply voltage detail	max. 64 users
Control output DALI	Addressable / broadcast 64 electronic ballasts

SENSOR TECHNOLOGY

Max. mounting height	10,00 m
Sensor technology	passive infrared
Detection angle	360 °
Opening angle	360 °
Sneak-under protection	Yes
Segment-by-segment masking	Yes
Electronic scalability	Yes
Mechanical scalability	Yes
Radial range	9 x 9 m (81 m²)
Tangential range	24 x 24 m (576 m²)
Switching zones	5200 switching zones
Mounting height	2,50 – 10,00 m
Presence range	9 x 9 m (81 m²)
Optimal mounting height	2,8 m

CONNECTIVITY

Networking	Yes
Number of DALI participants	64
Control technology	Steinel Connect
Wireless networking via	BT SIG Mesh
Networking via	DALI 2

LIGHTING TECHNOLOGY

Soft light start	Yes
Continuous light	selectable
Constant light regulation	Yes

SETTINGS

Twilight switch	Yes
Twilight setting	2 – 2000 lx
Time setting	5 s – 30 Min.
Base light function	Yes
Base light function time	1-60 min, all night
Main light adjustable	10 - 100 %
Functions	Selecting programmed lighting scenarios Semi-/fully automatic Constant-lighting control ON-OFF Lighting scenario Manual ON / ON-OFF Neighbouring group function Normal / test mode TouchDIM function
Settings via	Bluetooth
With remote control	No
Twilight setting teach	Yes
Base light function in percent	3 – 90 %
Base light function percent from	3 %

HOUSING & MATERIAL

Protection class (IP)	IP54
Ambient temperature	from -20 up to 50 °C
Mounting location	ceiling
Application location	Indoors
Mounting type	Surface wiring
Material	Plastic
Application room	Indoors changing room classroom conference room / meeting room dining hall / staff restaurant duty room high-bay warehouse lecture hall multi-storey / underground car park open-plan office production facilities reception / lobby recreation room sports hall
Colour	white
RAL colour	9003

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	5 years
Corner wall bracket included	No

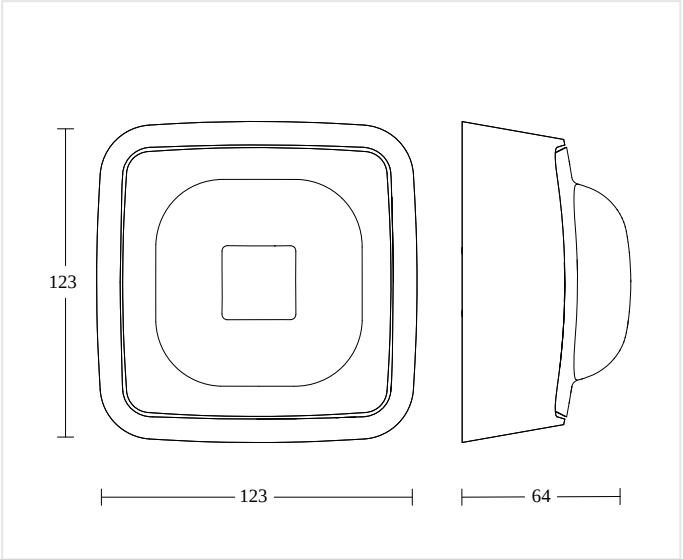
LuxMaster IR Quattro HD-2 24m DALI-2 APC - surface

PRESENCE DETECTOR

EAN **4007841064365**
E-Nr. **535903072**

Illustrations

TECHNICAL DRAWINGS



64 x 123 x 123 mm

MOUNTING HEIGHT

2,50 – 10,00 m	2,8 m	10,00 m
BEREICH	OPTIMAL	MAX

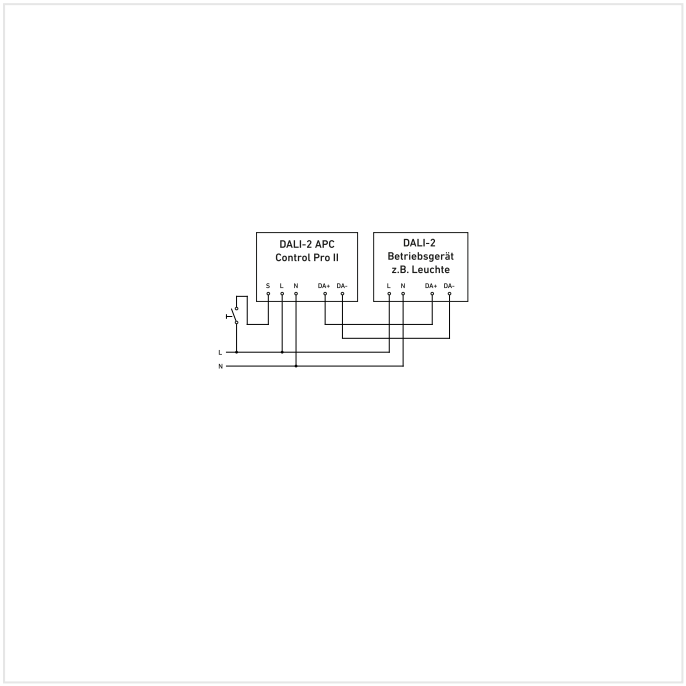
LuxMaster IR Quattro HD-2 24m DALI-2 APC - surface

PRESENCE DETECTOR

EAN 4007841064365
E-Nr. 535903072

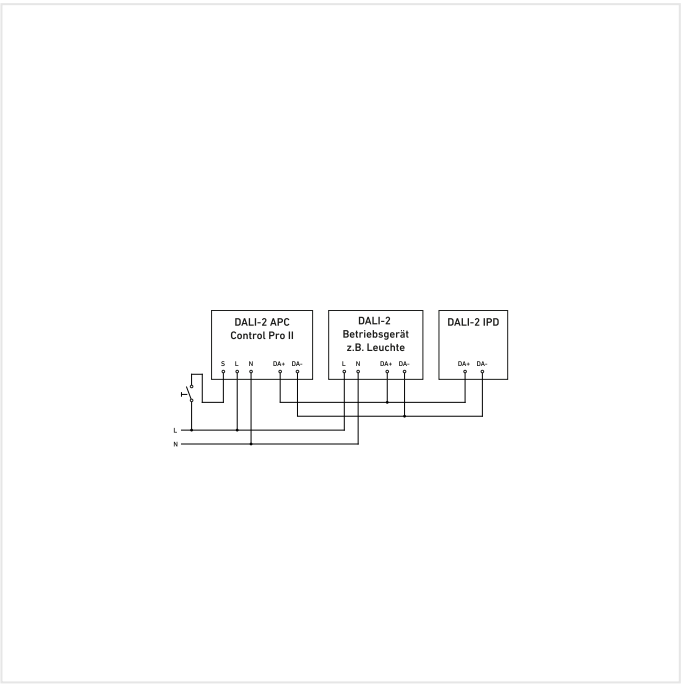
Wiring Diagrams

WIRING DIAGRAM 1



Master circuit diagram

WIRING DIAGRAM 2



Master/slave interconnection circuit diagram

LuxMaster IR Quattro HD-2 24m DALI-2 APC - surface

PRESENCE DETECTOR

EAN 4007841064365
E-Nr. 535903072

Highlights



UV-resistant plastic

LuxMaster IR Quattro HD-2 24m DALI-2 APC - surface

PRESENCE DETECTOR

EAN **4007841064365**
E-Nr. **535903072**

Accessories

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

ORDERING INFORMATION

Art.-Nr.	064365
EAN	4007841064365
E-Number	535903072
Typ	**LuxMaster IR Quattro HD-2 24m DALI-2 APC - surface**

neva lux

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