elani connect P2400 3K

PENDANT LUMINAIRE CONNECT

Product code **221116**

- Built-in, networkable light management for next generation lighting projects
- up to 70% energy savings compared to a conventional solution thanks to constant light control and presence detection
- For universal use for lighting offices, schools, traffic zones etc.
- Direct and indirect light can be controlled separately
- Variants with 1.5, 2.4 and 3.14 meter length available
- Housing Anodised aluminium
- Swiss Made

50 x 80 x 80 mm



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Technical Data

IDENTIFICATION

Version	**Presence detector**

DIMENSIONS

Dimensions L × W × H	**50 x 80 x 80 mm**

ELECTRICAL

Mains connection	**21 – 30 V**
Power	**74 W**

SENSOR TECHNOLOGY

Max. mounting height	**1,20 m**
Sensor technology	**passive infrared**
With motion detector	**Yes**
Detection angle	**180 °**
Opening angle	**90 °**
Sneak-under protection	**Yes**
Segment-by-segment masking	**No**
Electronic scalability	**Yes**
Mechanical scalability	**No**
Radial range	**r = 4 m (25 m²)**
Tangential range	**r = 12 m (226 m²)**
Switching zones	**96 switching zones**
Mounting height	**1 – 1,2 m**
Presence range	**r = 4 m (25 m²)**
Optimal mounting height	**1,2 m**

CONNECTIVITY

Networking	**Yes**
Type of networking	**Master/master\nMaster/slave**
KNX functions	**Photo-cell controller\nBasic light level function\nLight level\nHVAC output\nConstant-lighting control\nLight output 4x\nAir pressure\nHumidity output\nPresence output\nDay / night function\nDewpoint\nTemperature output\nLogic gate**
With bus coupler	**Yes**
Control technology	**Smartlink Connect**
Wireless networking via	**BT SIG Mesh**

LIGHTING TECHNOLOGY

Colour temperature	**3000 K**
LED colour deviation	**SDCM3**
Colour rendering index	**80-89**
Illuminant	**LED**
Soft light start	**Yes**
Constant light regulation	**Yes**

SETTINGS

Twilight switch	**Yes**
Twilight setting	**2 – 1000 lx**
Time setting	**60 s – 255 Min.**
Base light function	**Yes**
Functions	**Presence detector logic**
Settings via	**ETS software\nRemote control\nBus\nSmart Remote**
With remote control	**Yes**
Twilight setting teach	**Yes**

HOUSING & MATERIAL

Protection class (IP)	**IP20**
Protection class	**I**
Ambient temperature	**from 0 up to 40 °C**
Housing material	**Aluminium**
Cover material	**Acrylglas opal**
Mounting location	**wall**
Application location	**Indoors**
Mounting type	**Concealed wiring**
Material	**Plastic**
Application room	**Indoors WC / washroom corridor / aisle function room / ancillary room kitchenette one-person office stairwell**
Colour	**white**
RAL colour	**9010**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**
Corner wall bracket included	**No**

CERTIFICATES & EPREL

Certificates	**EMC\nVDE**
EPREL energy efficiency class	**D**

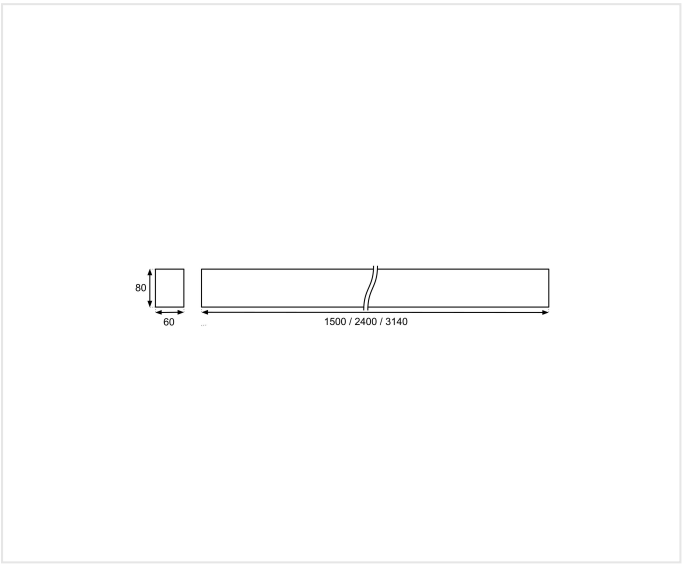
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Illustrations

TECHNICAL DRAWINGS



50 x 80 x 80 mm

MOUNTING HEIGHT

1 – 1,2 m	1,2 m	1,20 m
BEREICH	OPTIMAL	MAX

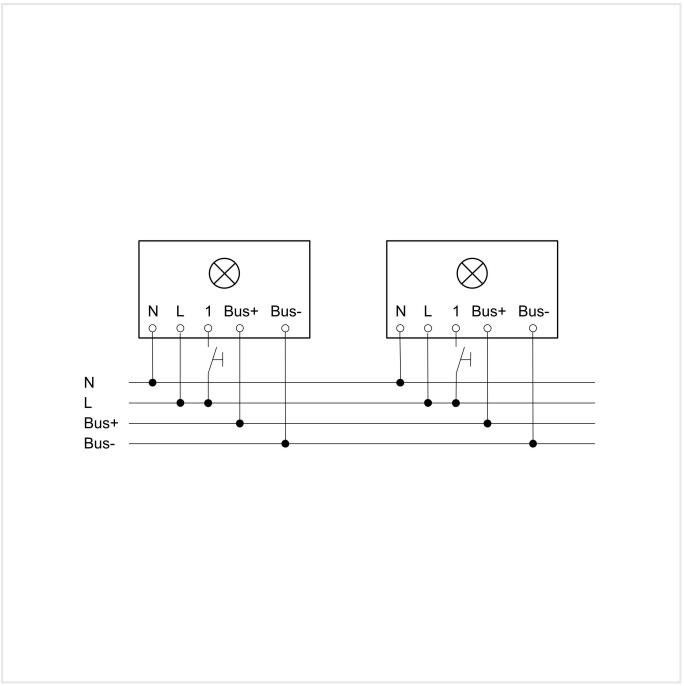
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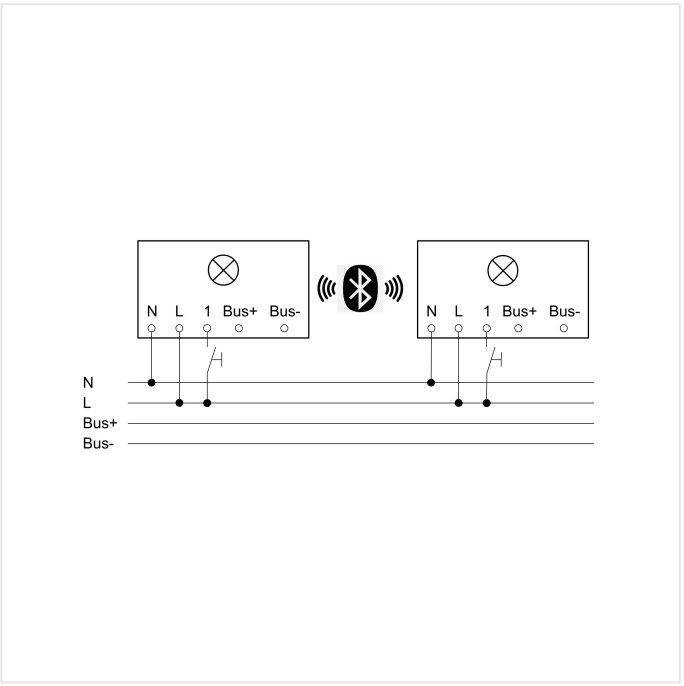
Wiring Diagrams

WIRING DIAGRAM 1



Wiring diagram networking wire

WIRING DIAGRAM 2



Wiring diagram networking radio

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	221101	**elani Diffusor 2500 CDP**	Microprismatic Diffuser 2500mm
	221108	**Emergency Package 1h (Astra)**	Self-contained emergency lighting with self-test function
	221343	**elani Connector 90°**	90° connection with miter cut
	221570	**Connect TK2 BLM**	Pushbutton interface 2gang
	221107	**elani Link**	Connection of luminaires
	221396	**elani Color RAL_NCS_2400**	Special paint 2.4m
	221109	**Connect PD**	Presence detector installed on the side
	221591	**Smartlink T-Board PB4**	Mobile push-button board

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	221970	**Bluetooth EDIZIO.liv SNAPFIX Low Energy PB2**	Wireless push-button, battery-free
	221996	**elani WM-Set 2B**	Wall mounting kit

ORDERING INFORMATION

Art.-Nr.	221116
Typ	**elani connect P2400 3K**

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