imani connect B1200 4K

CONTINUOUS ROW LUMINAIRE CONNECT

Product code **221475**

- Universal luminaire insert for professional refurbishment of continuous rows with T5 or T8 fluorescent tubes
- Fits most of the trunking systems available on the market
- Available as intelligent Connect version or as conventional DALI luminaire
- Up to 95% energy savings with Connect luminaires thanks to constant light control and presence detection
- Very high quality workmanship from Swiss manufacturing
- Advanced thermal management for long service life

1225 x 65 x 30 mm



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Technical Data

DIMENSIONS

Dimensions L × W × H	**1225 x 65 x 30 mm**

ELECTRICAL

Mains connection	**200…240 V / 50 – 60 Hz**
Power	**41 W**
Replaceable driver	**Yes**
Type of wiring	**Suitable for through wiring**
LED rated current	**340 mA**
Maximum number of luminaires per circuit breaker	**C10: 21x, C13: 28x, C16: 36x, C20: 45x, B10: 13x , B13: 17x, B16: 22x, B20: 27x**

SENSOR TECHNOLOGY

Sensor technology	**passive infrared**
With motion detector	**Yes**
Detection angle	**360 °**
Radial range	**4 x 4 m (16 m²)**
Tangential range	**6 x 6 m (36 m²)**
Mounting height	**< 10 m**
Presence range	**4 x 4 m (16 m²)**
With light sensor	**Yes**

CONNECTIVITY

With radio network control	**Yes**
Control technology	**Smartlink Connect**
Wireless networking via	**BT SIG Mesh**

LIGHTING TECHNOLOGY

Colour temperature	**4000 K**
LED colour deviation	**SDCM3**
Colour rendering index	**80-89**
Illuminant	**LED**
Luminous flux	**4880 lm**
Beam angle	**105°**
Luminaire luminous efficacy	**119 lm/W**
Glare value	**UGR < 24**

LIFETIME

LED lifespan (25 °C)	**50000 h**

SETTINGS

DALI dimming	**Yes**
With emergency light	**No**
Suitable for light band configuration	**Yes**
With program-controlled lighting control	**Yes**

HOUSING & MATERIAL

Protection class (IP)	**IP40**
Protection class	**I**
Ambient temperature	**-20…45 °C**
Housing material	**Aluminum**
Cover material	**Diffusor opal**
Mounting type	**Use in continuous row**
Colour	**white**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**

CERTIFICATES & EPREL

EPREL energy efficiency class	**E**

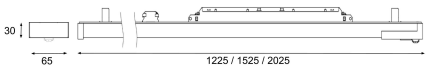
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Illustrations

TECHNICAL DRAWINGS



1225 x 65 x 30 mm

MOUNTING HEIGHT

< 10 m

BEREICH

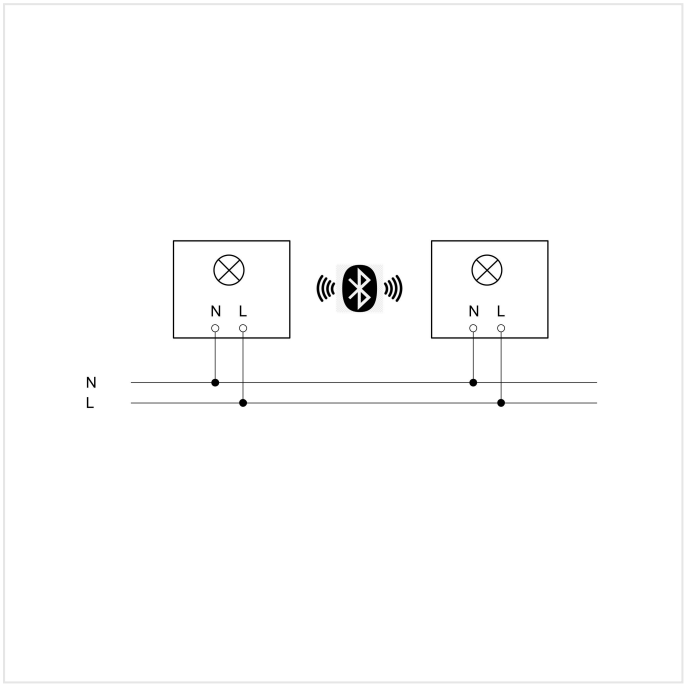
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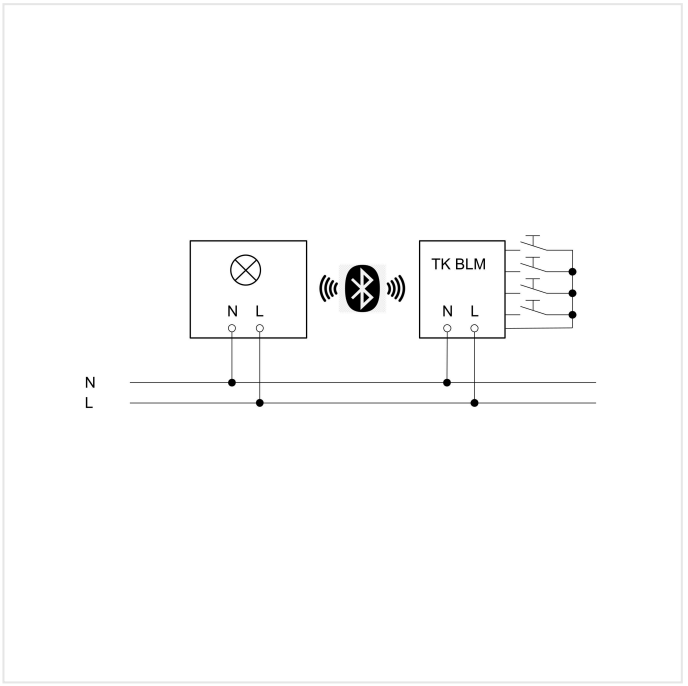
Wiring Diagrams

WIRING DIAGRAM 1



Wiring diagram networking radio

WIRING DIAGRAM 2



Wiring diagram pushbutton coupler

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	220688	**Emergency Package 1h (250V/3.5W)**	Self-contained emergency lighting with self-test function
	221476	**imani APG1200**	Surface mount housing imani 1200
	221570	**Connect TK2 BLM**	Pushbutton interface 2gang
	221591	**Smartlink T-Board PB4**	Mobile push-button board
	221970	**Bluetooth EDIZIO.liv SNAPFIX Low Energy PB2**	Wireless push-button, battery-free
	221971	**Bluetooth EDIZIO.liv SNAPFIX Low Energy PB4**	Wireless push-button, battery-free

ORDERING INFORMATION

Art.-Nr.	221475
Typ	**imani connect B1200 4K**

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