imani connect B2000 4K

CONTINUOUS ROW LUMINAIRE CONNECT

Product code **221500**

- The universal trunking insert imani from nevalux is designed for professional refurbishment of existing trunking with T5 or T8 fluorescent tubes. The luminaire uses the existing trunking installation including existing through-wiring. Old light modules can be replaced with new modules easily, quickly and without tools. The insert fits most trunking systems available on the market. The intelligent imani Connect application variants have permanently installed presence and brightness sensors in conjunction with Bluetooth networking. This results in a powerful light management system as well as unlimited flexibility in the formation of light groups. The savings achieved in addition to the LED technology are considerable and make it possible to claim subsidies.

2025 x 65 x 30 mm



imani connect B2000 4K

CONTINUOUS ROW LUMINAIRE CONNECT

Product code **221500**

Technical Data

DIMENSIONS

Dimensions L × W × H	**2025 x 65 x 30 mm**

ELECTRICAL

Mains connection	**200…240 V / 50 – 60 Hz**
Power	**68 W**
Replaceable driver	**Yes**
Type of wiring	**Suitable for through wiring**
LED rated current	**390 mA**
Maximum number of luminaires per circuit breaker	**C10: 16x, C16: 26x, B10: 10x , B16: 16x**

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	**On/Off-Leuchte**

LIGHTING TECHNOLOGY

Colour temperature	**4000 K**
LED colour deviation	**SDCM3**
Colour rendering index	**80-89**
Illuminant	**LED**
Luminous flux	**8626 lm**
Beam angle	**105°**
Luminaire luminous efficacy	**127 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	**D**

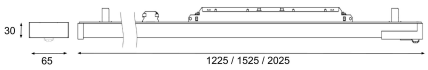
imani connect B2000 4K

CONTINUOUS ROW LUMINAIRE CONNECT

Product code **221500**

Illustrations

TECHNICAL DRAWINGS



2025 x 65 x 30 mm

MOUNTING HEIGHT

< 10 m

BEREICH

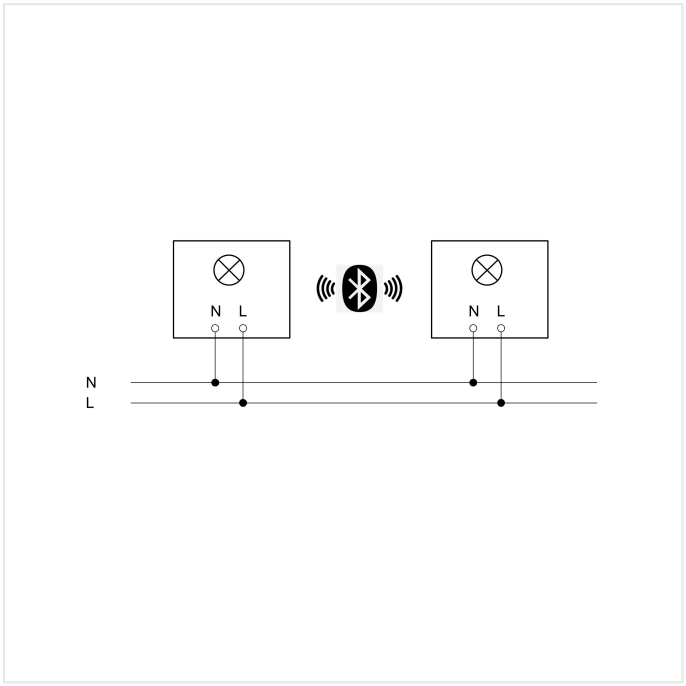
imani connect B2000 4K

CONTINUOUS ROW LUMINAIRE CONNECT

Product code 221500

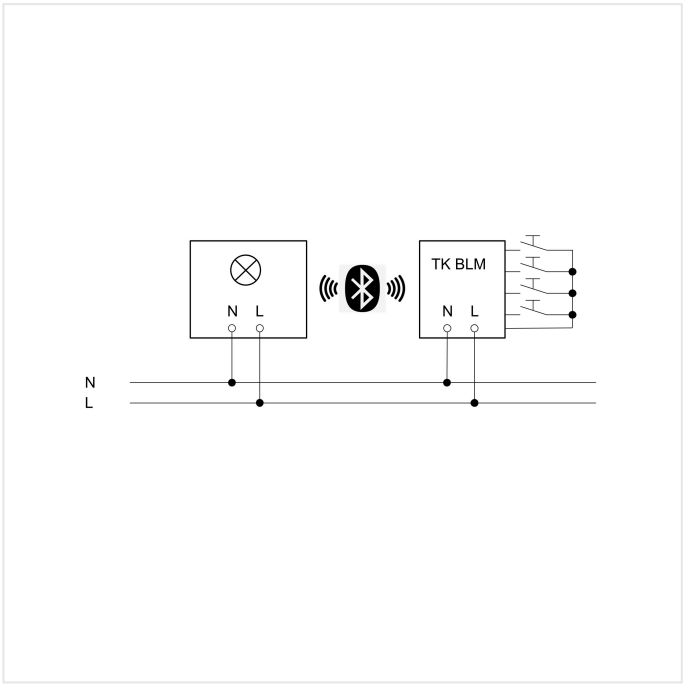
Wiring Diagrams

WIRING DIAGRAM 1



Wiring diagram networking radio

WIRING DIAGRAM 2



Wiring diagram pushbutton coupler

imani connect B2000 4K

CONTINUOUS ROW LUMINAIRE CONNECT

Product code **221500**

Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	220688	**Emergency Package 1h (250V/3.5W)**	Self-contained emergency lighting with self-test function
	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.	221500
Typ	**imani connect B2000 4K**

neva lux

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