ayana connect PIR C850 TW

CEILING LUMINAIRE CONNECT

Product code **221182**

- Timeless simple acrylic glass luminaire in 3 different sizes
- Available in ceiling and pendant versions
- Connect version with IoT lighting control for next generation lighting projects (swarm function, grouping, cleaning light etc.)
- Connect version available with light sensor (LS) or with motion detector and light sensor (PIR)
- For universal use for illumination of offices, schools, traffic zones, etc.
- Very high quality workmanship from Swiss manufacturing
- Sophisticated thermal management for long service life
- Variants with adjustable light color (Tunable White) to emulate the natural course of daylight

850 x 95 mm



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Technical Data

DIMENSIONS

Dimensions Ø × H	**850 x 95 mm**

ELECTRICAL

Mains connection	**200…240 V / 50 – 60 Hz**
Power	**78 W**
Replaceable driver	**Yes**
Type of wiring	**Suitable for through wiring**

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)**
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	**3000…5600 K**
LED colour deviation	**SDCM3**
Colour rendering index	**80-89**
Illuminant	**LED**
Luminous flux	**9800 lm (Down 8430, Up 1370)**
Beam angle	**105°**
Luminaire luminous efficacy	**125 lm/W**
Glare value	**UGR < 21**

LIFETIME

LED lifespan (25 °C)	**70000 h**

SETTINGS

DALI dimming	**Yes**
With emergency light	**No**
Direct/indirect ratio separately controllable	**No**
With program-controlled lighting control	**Yes**
Constant light output control	**Yes**

HOUSING & MATERIAL

Protection class (IP)	**IP20**
Protection class	**I**
Ambient temperature	**-20…45 °C**
Housing material	**Steel**
Cover material	**Acrylic glass opal**
Mounting type	**Ceiling / wall surface-mounted**
Colour	**white**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**

CERTIFICATES & EPREL

EPREL energy efficiency class	**D**

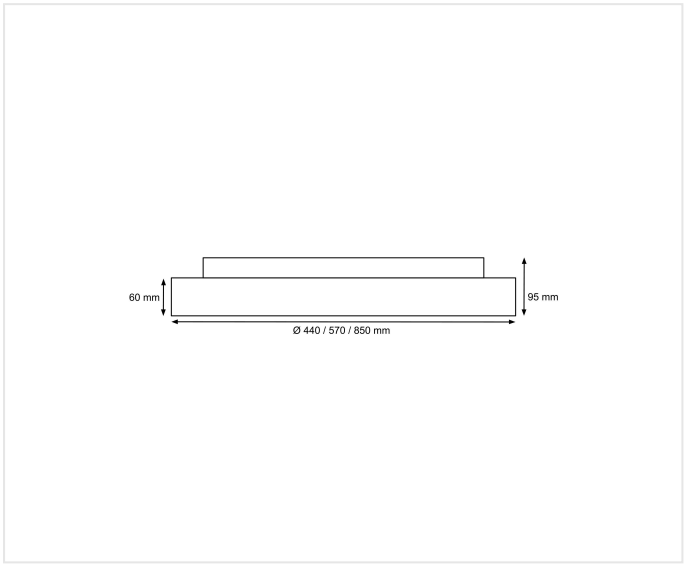
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Illustrations

TECHNICAL DRAWINGS



850 x 95 mm

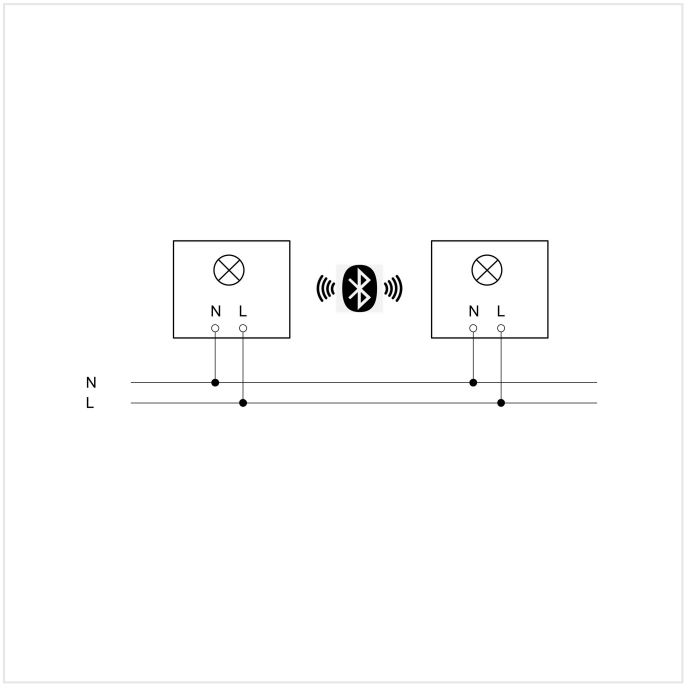
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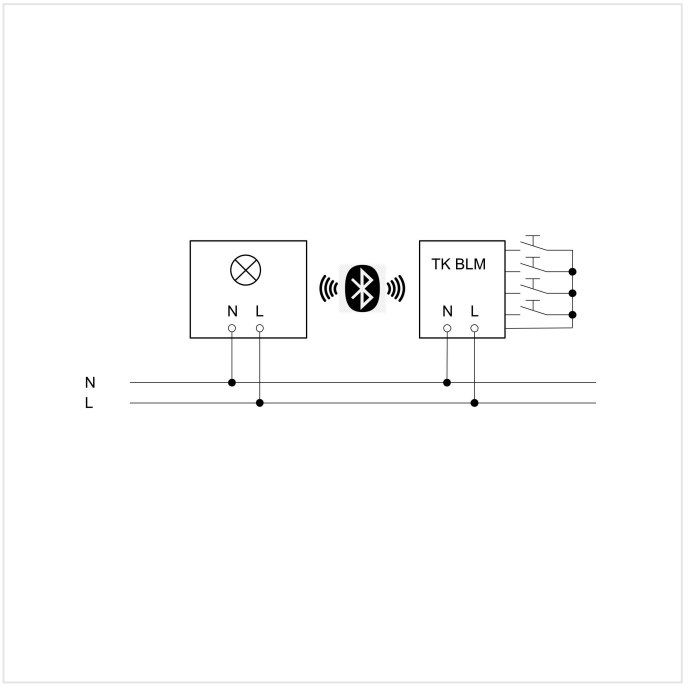
Wiring Diagrams

WIRING DIAGRAM 1



Wiring diagram networking radio

WIRING DIAGRAM 2



Wiring diagram pushbutton coupler

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	221105	**ayana Diffusor 850 CDP**	Microprismatic Diffuser Ø850mm
	221108	**Emergency Package 1h (Astra)**	Self-contained emergency lighting with self-test function
	221366	**Connect RTC**	Real-time clock
	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.	221182
Typ	**ayana connect PIR C850 TW**

neva lux

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