zwena connect HF C450 3K

CEILING-/WALL LUMINAIRE CONNECT

Product code **222050**

- For universal use for illumination of offices, schools, traffic zones, etc.
- Optionally as an intelligent Connect version with or without motion sensor, or as a conventional DALI luminaire
- Connect version with IoT lighting control for next generation lighting projects (swarm function, grouping, cleaning light etc.)
- High quality finish
- Direct and indirect light distribution

450 x 82 mm

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Technical Data

DIMENSIONS

Dimensions Ø × H	**450 x 82 mm**

ELECTRICAL

Mains connection	**200…240 V / 50 – 60 Hz**
Power	**30 W**
Replaceable driver	**Yes**
Type of wiring	**Suitable for through wiring**
LED rated current	**800 mA**

SENSOR TECHNOLOGY

Sensor technology	**High frequency**
With motion detector	**Yes**
Detection angle	**360 °**
Radial range	**Ø 8 m (50 m²)**
Tangential range	**Ø 8 m (50 m²)**
Mounting height	**< 4 m**
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 K**
LED colour deviation	**SDCM3**
Colour rendering index	**80-89**
Illuminant	**LED**
Luminous flux	**3100 lm (Down 2100, Up 1000)**
Beam angle	**Down 95°, Up 100°**
Luminaire luminous efficacy	**103 lm/W**
Glare value	**UGR < 18**

LIFETIME

LED lifespan (25 °C)	**50000 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	**Aluminum**
Cover material	**Microprismatic acrylic glass**
Mounting type	**Ceiling / wall surface-mounted**
Colour	**white**

SCOPE OF DELIVERY & WARRANTY

Manufacturer warranty	**5 years**

CERTIFICATES & EPREL

EPREL energy efficiency class	**E**

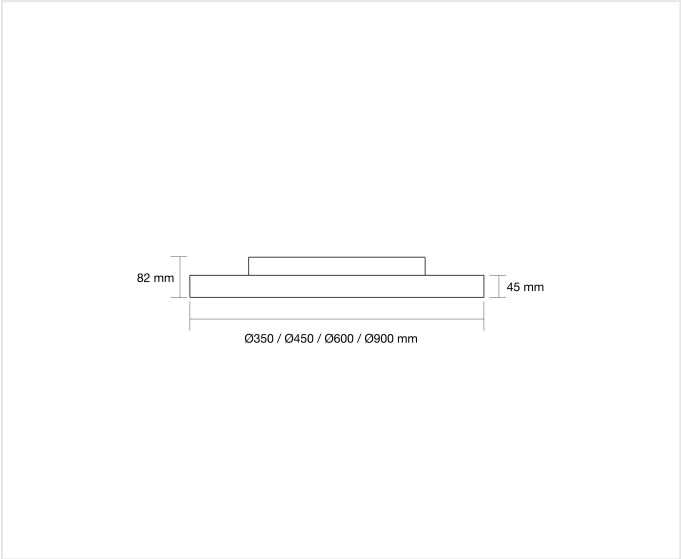
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Illustrations

TECHNICAL DRAWINGS



450 x 82 mm

MOUNTING HEIGHT

< 4 m

BEREICH

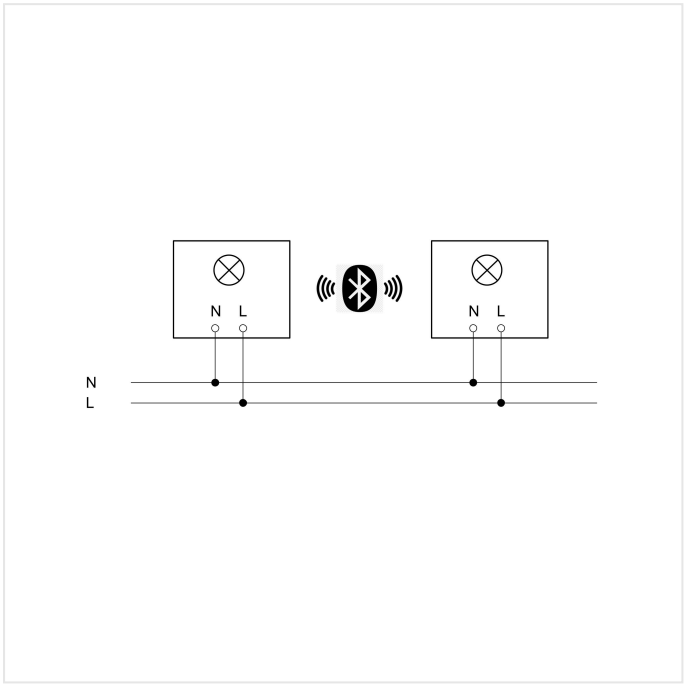
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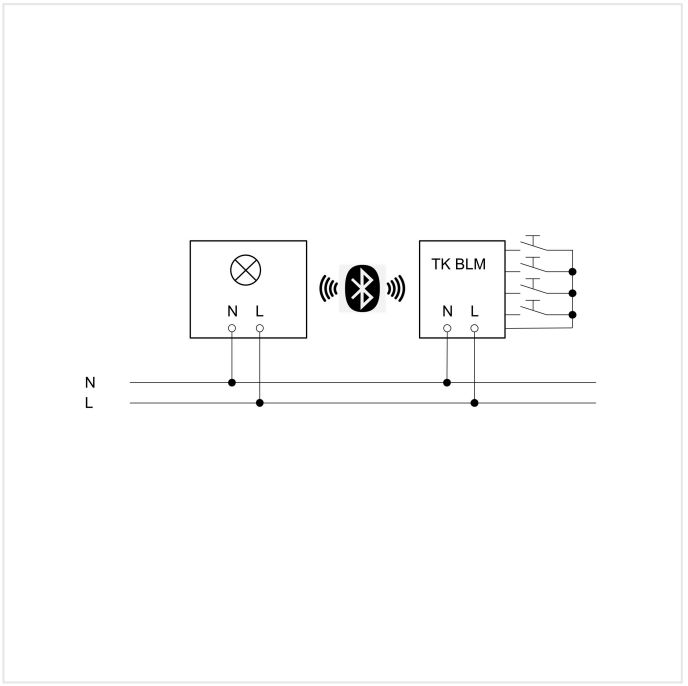
Wiring Diagrams

WIRING DIAGRAM 1



Wiring diagram networking radio

WIRING DIAGRAM 2



Wiring diagram pushbutton coupler

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Accessories

	ARTICLE NUMBER	DESCRIPTION	CATEGORY
	221753	**Emergency Package 1h (50V/1.5W/Compact/PS)**	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.	222050
Typ	**zwena connect HF C450 3K**

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