# zwena connect LS C450 4K

**CEILING-/WALL LUMINAIRE CONNECT**

Product code **221507**

- 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

| | |
|---|---|
| With motion detector | **No** |
| 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 | **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** |

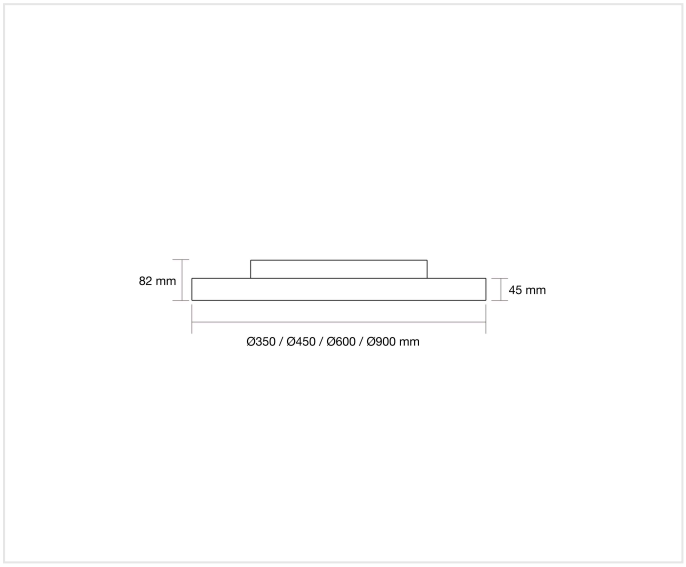
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## Illustrations

### TECHNICAL DRAWINGS




450 x 82 mm

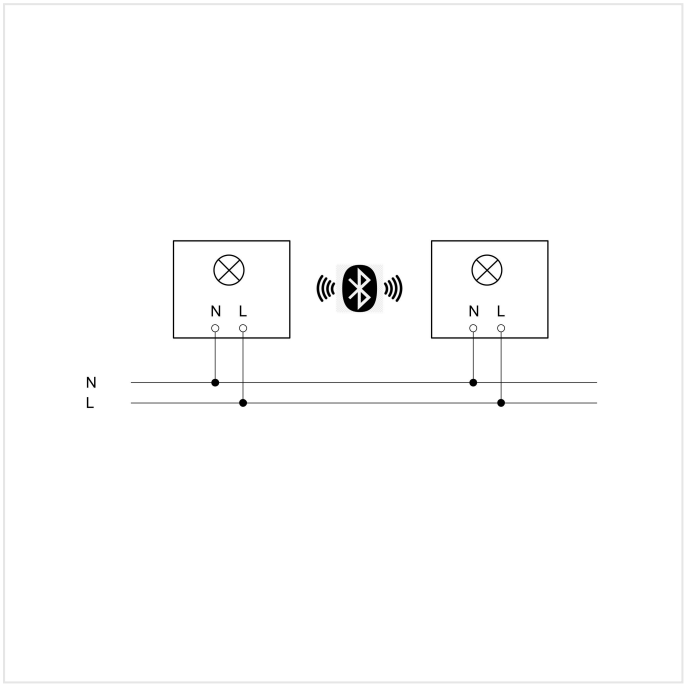
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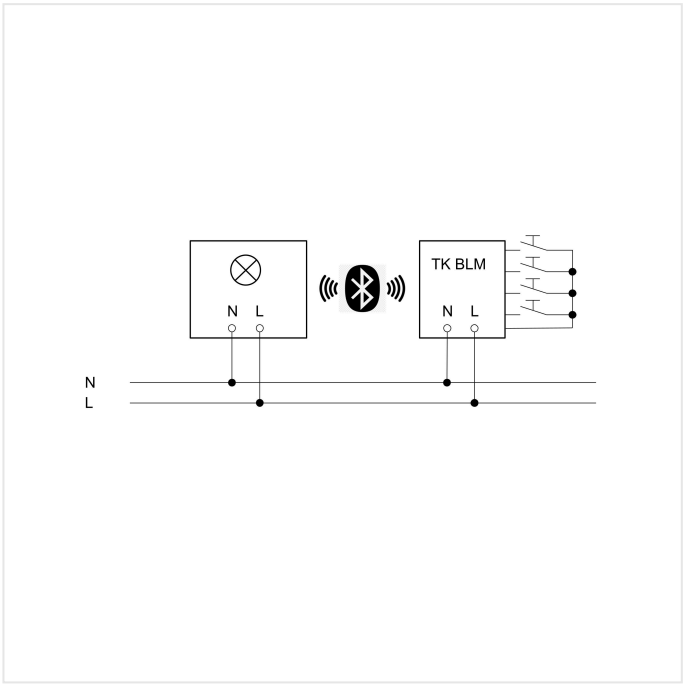
## Wiring Diagrams

### 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. | 221507 |
| Typ | **zwena connect LS C450 4K** |

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