# aluna connect PIR C910 TW

**CEILING LUMINAIRE CONNECT**

Product code **221445**

- Timeless simple textile lamp 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
- Fabric shade can be ordered in any color

910 x 118 mm



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## Technical Data

### DIMENSIONS

| | |
|---|---|
| Dimensions Ø × H | **910 x 118 mm** |

### ELECTRICAL

| | |
|---|---|
| Mains connection | **230 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 | **Surface mounted (ceiling / wall)** |
| Colour | **White** |

### SCOPE OF DELIVERY & WARRANTY

| | |
|---|---|
| Manufacturer warranty | **5 years** |

### CERTIFICATES & EPREL

| | |
|---|---|
| EPREL energy efficiency class | **D** |

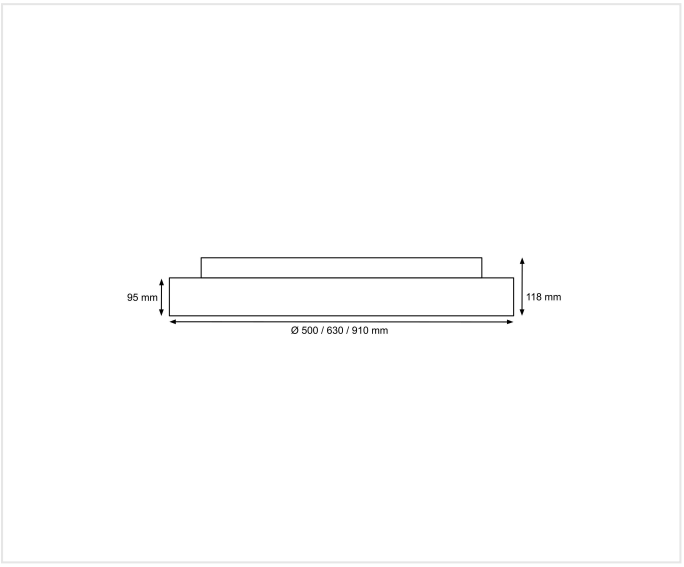
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## Illustrations

### TECHNICAL DRAWINGS




910 x 118 mm

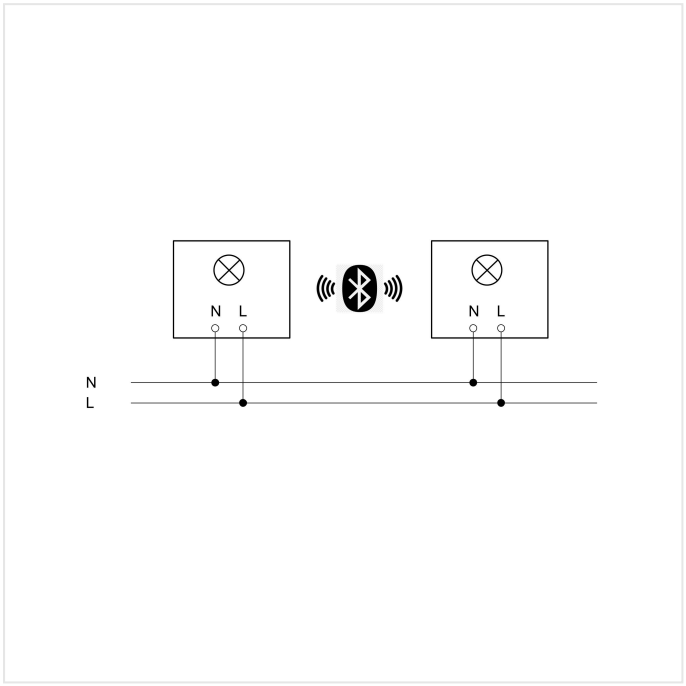
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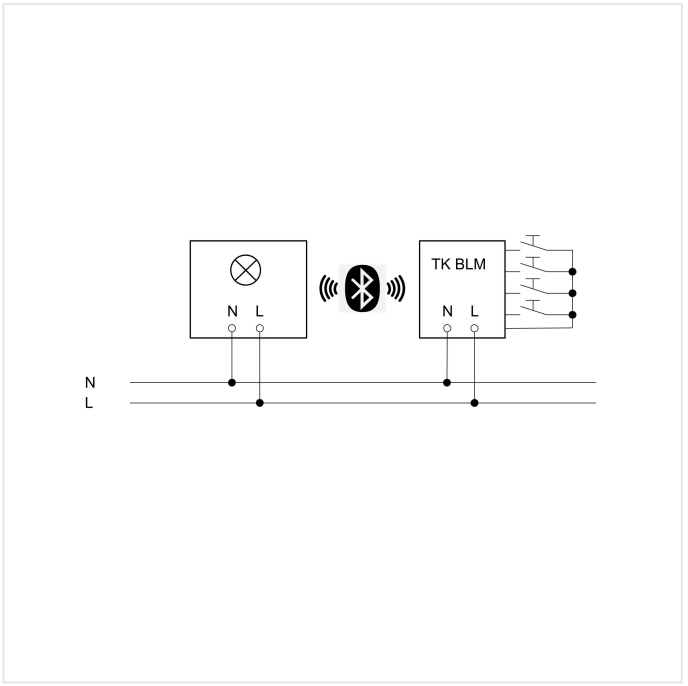
## Wiring Diagrams

### 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 |
|  | 221846 | **aluna Color RAL_NCS_Ø910** | Special color fabric shade Ø 0.91m |
|  | 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. | 221445 |
| Typ | **aluna connect PIR C910 TW** |

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