Interface

LOXONE Tree	connection with Miniserver / Tree Extension

Light Properties

Dimming Range	0 ... 100 %
Colour Temperature (CCT)	2 200 ... 6 500 K
Luminous Flux	typ. 3000 lm (3 000 K, 100 %)
Light Source Energy Efficiency Class (EU 2019/2015)	D
Colour Rendering index (CRI)	≥ 95 (R9 ≥ 70)
Beam Angle	110°
Unified Glare Rating (UGR)	<22

Safety Instructions

Installation must be carried out by a qualified electrician in accordance with the applicable regulations.
This device is maintenance-free and must only be cleaned with a dry cloth.

Presence Detection Specifications

Motion Detection	Passive infrared sensor
Motion Detection Range	Ø 8 m / 26.25 ft (at a height of 3 m / 9.84 ft)
Detection Angle	horizontal 360°, vertical 100°
Acoustic Detection	60 Hz ... 20 kHz, mono Max. sound pressure level: 160 dB Signal-to-noise ratio: 64 dBA

Measurement Range

Brightness	0 ... 32 000 lx

For more information about this product, visit
loxone.com/help/ceiling-light-pure-rgbw-tree

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For additional information, declaration of conformity, visit
www.loxone.com/datasheets

Need Help?
loxone.com/support

V021126

Ceiling Light Pure 17 RGBW Tree

Part No.: 100816 (White)
Part No.: 100817 (Black)
Part No.: 100894 (Gold)

LOXONE

About the product

The LOXONE Ceiling Light Pure 17 RGBW Tree is a downlight with an integrated presence detector and brightness sensor that combines high-quality white light from 2 200 K to 6 500 K with vibrant colored light. Control and dimming are handled directly via the integrated Tree interface.

Features

- High-End LED technology
- Premium White & RGB light output
- Presence Sensor (Motion & Acustic)
- Brightness Sensor
- Tree Technology

Electrical Specifications

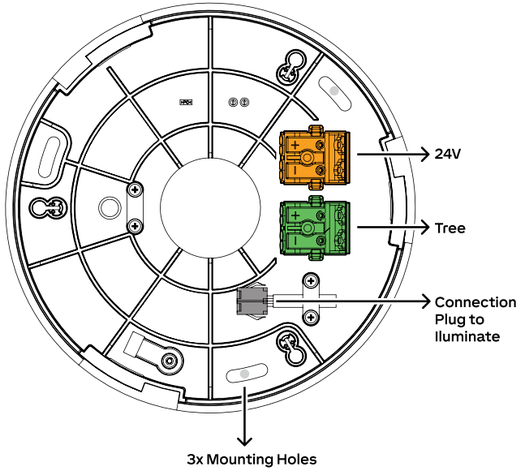
Supply Voltage	20 ... 30 V DC
Power Consumption	• Standby: <0.15 W • Red: 16 W • Green: 8 W • Blue: 7 W • typ. 3 000 K - 80 %: 16.9 W • max. 27.8 W
PWM Frequency	up to 20 kHz
Dimming Resolution	12 Bit
Ingress Protection	IP20

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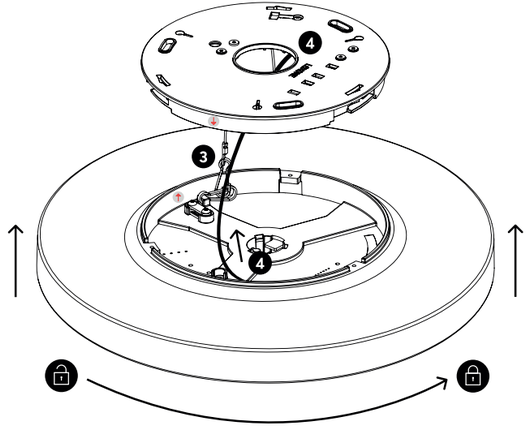
The luminaire is held by three strong magnets on the iron ceiling plate.
Place the magnets on the flat area of the ceiling plate.
Take care not to trap any wires between the magnets.

Mounting and Wiring Information

1. Mount the ceiling mounting base.
2. Connect 24 V & Tree.



3. Hang the fixture from the ceiling mounting part using the steel cable. **Please note: The additional safety rope is a security feature and must not be removed!**
4. Plug in the connector between the fixture and ceiling mounting part.
5. Push up and twist to lock.
Mind that the positions of the stickers match.



In the delivery state, the device enters pairing mode automatically once the power supply (24 V) and connection to LOXONE Tree are established. Connect via LOXONE Config with the Miniserver to pair the device and add it to your program.

24 V DC & LOXONE Tree Terminals

Wire cross-section	0.5 ... 2.5 mm² / AWG 20 ... 14
Stripping length	8 ... 10 mm / 0.31 ... 0.39”
Temperature resistance	105 °C / 221 °F for UL