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. 2 000 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

Loxone Electronics GmbH
Smart Home 1
4154 Kollerschlag
Austria

Loxone UK
The Forum
Station Road
Theale, RG7 4RA
United Kingdom

Loxone US
3060 Plaza Drive
Suite 105
Garnet Valley, PA 19060
United States

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

Need Help?
loxone.com/support

V301026

Ceiling Light Pure 12 RGBW Tree

Part No.: 100811 (White)
Part No.: 100812 (Black)
Part No.: 100892 (Gold)

LOXONE

About the product

The LOXONE Ceiling Light Pure 12 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

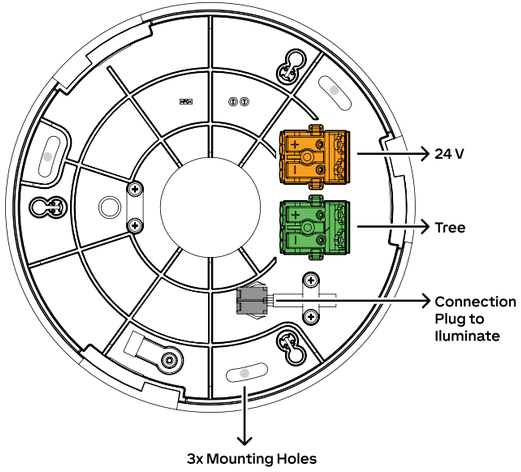
Electrical Specifications

Supply Voltage	20 ... 30 V DC
Power Consumption	• Standby: <0.15 W • Red: 9 W • Green: 4.5 W • Blue: 4.0 W • typ. 3 000 K - 80 %: 11.8 W • max. 19.3 W
PWM Frequency	up to 20 kHz
Dimming Resolution	12 Bit
Ingress Protection	IP20

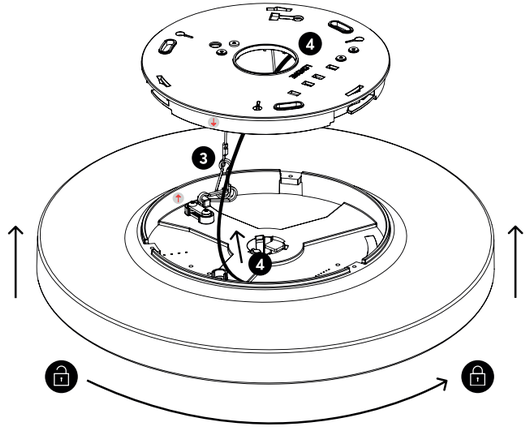
SUITABLE FOR DAMP LOCATIONS • CONVIENT AUX EMPLACEMENTS HUMIDES • CLASS 2 INPUT ONLY • ENTRÉE DE CLASSE 2 UNIQUEMENT

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