Interface

LOXONE Tree	connection with Miniserver / Tree Extension

Light Properties

Dimming Range	0 ... 100 %
Colour Temperature (CCT)	2 200 ... 6 500 K (typ. 3 000 K)
Luminous Flux	typ. 330 lm (3 000 K, 100 %)
Light Source Energy Efficiency Class (EU 2019/2015)	E
Colour Rendering index (CRI)	≥ 95 (R9 ≥ 70)
Beam Angle	50°
Unified Glare Rating (UGR)	<19

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.

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

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

Need Help?
loxone.com/support

Pendulum Pure RGBW Tree

Part No.: 100830 (White)
Part No.: 100831 (Black)
Part No.: 100898 (Gold)

LOXONE

About the product

The LOXONE Pendulum Pure RGBW Tree is a premium suspended luminaire designed to create precise lighting accents above tables and highlight areas. It delivers high-quality illumination in an exceptionally slim form factor and integrates seamlessly into the LOXONE system via the Tree interface.

Features

- Very slim, elegant design
- Premium high-adjustable luminaire for table and accent lighting
- Premium White & RGB light output
- LOXONE Tree technology

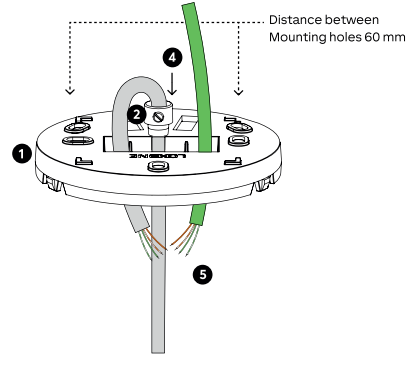
Electrical Specifications

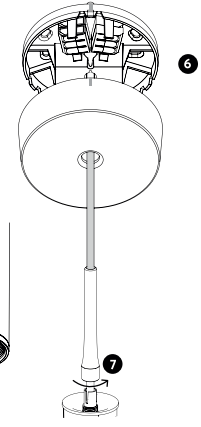
Supply Voltage	20 ... 30 V DC
Power Consumption	• Standby: <0.1 W • Red: 2.2 W • Green: 0.9 W • Blue: 1.0 W • typ. 3 000 K - 80 %: 3.0 W • max. 4.8 W
PWM Frequency	up to 20 kHz
Dimming Resolution	12 Bit
Ingress Protection	IP20

CLASS 2 INPUT ONLY • ENTRÉE DE CLASSE 2 UNIQUEMENT

Mounting and Wiring Information

1. Mount the ceiling mounting base with 2 screws.
2. Set the suspension height using the strain relief on the suspension cable (medium height).
3. Strip approx. 90 mm of cable insulation.
4. Hook the strain relief into the ceiling mounting part.
5. Connect 24 V & Tree Cable – WAGO connectors recommended.





Connection Cable

Wire cross-section	4 x 0.5 mm² / AWG 20
Stripping length	11 mm / 0.43”
Temperature resistance	max. 70 °C / 158 °F
Length	>2 000 mm / 79”

Mounting and Wiring

Max. drop from ceiling to upper edge of pendant	2 m