## Interface

| | |
|---|---|
| **LOXONE Tree** | connection with Miniserver / Tree Extension |

## Light Properties

| | |
|---|---|
| **Dimming Range** | 0 ... 100 % |
| **Colour Temperature (CCT)** | 3 000 K (warm white) |
| **Luminous Flux** | typ. 900 lm (warm white) |
| **Light Source Energy Efficiency Class (EU 2019/2015)** | C |
| **Colour Rendering index (CRI)** | min. 90 (R9 ≥ 70) |
| **Beam Angle** | 60° |
| **Unified Glare Rating (UGR)** | 25 |

## 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/spot-ww-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

V301026

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

Need Help?
**loxone.com/support**

# Spot WW Tree

Part No.: 100957 (White)
Part No.: 100958 (Black)
Part No.: 100959 (Gold)

LOXONE

## About the product

The LOXONE Spot WW Tree is a recessed LED spotlight with warm white light (3 000 K). It is powered by 24 V DC and controlled directly via the LOXONE Tree interface.

## Features

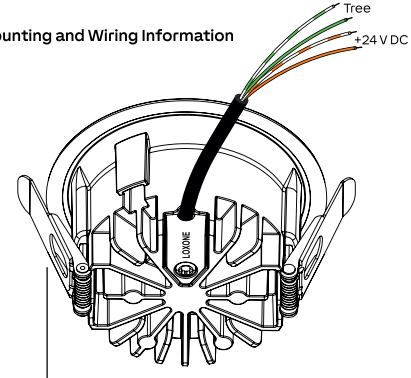
- Efficient LED technology
- Warm white light (3 000K)
- Low-profile recessed design (40 mm)
- LOXONE Tree technology
- Automatic Thermal Derating for efficiency & protection

## Electrical Specifications

| | |
|---|---|
| **Supply Voltage** | 20 ... 28 V DC |
| **Power Consumption** | • Standby: <0.1 W<br>• typ. 3 000 K - 80 %: 5.4 W<br>• max. 8 W |
| **PWM Frequency** | up to 20 kHz |
| **Dimming Resolution** | 12 Bit |
| **Ingress Protection** | IP44 |

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

## Mounting and Wiring Information




For technical reasons, the retaining clip is supplied with the plastic protective cover pre-installed (see illustration).

The luminaire may reach high surface temperatures during operation. **Install out of reach** (typically ≥ 2.5 m above finished floor level).

When in contact with metal structures in the building, a defined equipotential bonding must be established to protect the luminaire's electronics from interference or damage.

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.

## Connection Cable

| | |
|---|---|
| **Wire cross-section** | 4 x 0.34 mm² / AWG 22 |
| **Stripping length** | 80 mm / 3.15” |
| **Temperature resistance** | max. 105 °C / 221 °F |
| **Length** | 200 mm / 7.87" |

## Product Dimensions

| | | |
|---|---|---|
| | **Hole diameter** | 68 ... 72 mm / 2.68 ... 2.83” |
| | **Installation depth** | 40 mm / 1.57” |

