

## Technical Specifications

<b>Power supply</b>	22 ... 25VDC
<b>Power consumption</b>	Standby: <150mW Red: 8W Green: 6.4W Blue: 4W Warm White: 19.7W max. 20.5W
<b>Dimming range</b>	0 ... 100%
<b>Ambient temperature</b>	-40 ... 55°C / -40 ... 131°F
<b>Interface</b>	Loxone Tree: connection with Miniserver / Tree Extension
<b>Humidity</b>	max. 95% r.H. (non condensing)
<b>PWM frequency</b>	200Hz
<b>Energy efficiency (EU) 2017/1369</b>	G
<b>Motion detection</b>	passive infrared sensor
<b>Motion detection range</b>	8m / 26.25ft (at height of 3m / 9.84ft)
<b>Measuring range of brightness sensor</b>	0.045 ... 188000lx

<b>Detection angle vertical</b>	110°
<b>Detection angle horizontal</b>	360°
<b>Colour temperature</b>	typ. 3000k (warm white)
<b>Luminous flux</b>	typ. 1350lm (warm white)
<b>Colour rendering index (CRI)</b>	min. 90, (R9 min. 50)
<b>Beam angle</b>	120°
<b>Unified glare rating (UGR)</b>	<19
<b>Safety rating</b>	IP20
<b>Dimensions</b>	D: 297mm / 11.69" H: 52mm / 2.05"
<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and may only be cleaned with a dry cloth.

# LOXONE

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For additional information,  
declaration of conformity, visit  
[www.loxone.com/datasheets](http://www.loxone.com/datasheets)

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V180324



## LED Ceiling Light RGBW Tree

Part No.: 100288 (White)  
Part No.: 100289 (Anthracite)  
Part No.: 100495 (Gold)

## About the product

The Loxone LED Ceiling Light RGBW Tree is a downlight with RGB and WW Light outputs. The Luminaire comes with a brightness and motion sensor. The luminaire is energy saving because of newest LED technology.

## Features

- RGBW light outputs
- Motion sensor
- Brightness sensor
- Tree technology

## Installation

The installation of this device has to be carried out by a qualified person. The device has to be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturer's guidelines the protection of the device may be affected.

Connect Power to the device, once powered learn in the device in the easy usual way using Loxone Config.

The Luminair holds with three strong magnets on the iron Ceiling plate. The magnets have to be placed in the flat area of the Ceiling plate. Take care to not clamp a wire between the magnets.

## Power supply

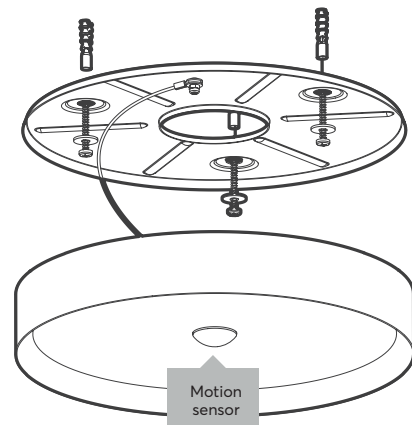
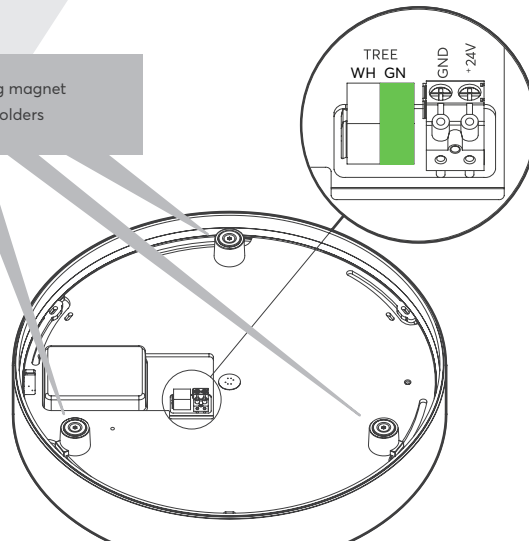
<b>Wire cross-section</b>	0.75 ... 2.5mm <sup>2</sup> / AWG18 ... 13
<b>Stripping length</b>	5mm / 0.2"
<b>Torque of terminal blocks</b>	0.35 ... 0.4Nm / 0.26 ... 0.3 lbf ft
<b>Temperature resistance</b>	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL
<b>Screw Terminals</b>	Put the cable through the terminals and fasten the screws.

## Loxone Tree

<b>Wire cross-section</b>	0.25 ... 0.8mm <sup>2</sup> / AWG23 ... 18
<b>Stripping length</b>	5mm / 0.2"
<b>Temperature resistance</b>	-40 ... 105°C / -40 ... 221°F

This folder is a part of the product!  
DRY LOCATIONS ONLY • POUR EMPLACEMENTS SECS SEULEMENT •  
CLASS 2 INPUT ONLY • ENTRÉE DE CLASSE 2 UNIQUEMENT

3 strong magnet holders



For additional information, declaration of conformity, visit [www.loxone.com/help/ceilinglight-tree](http://www.loxone.com/help/ceilinglight-tree)