

## Technical Specifications

<b>Power supply</b>	21.6 ... 25.2VDC
<b>Power consumption</b>	Standby: max. 100mW Red: 2.0W Green: 1.7W Blue: 1.7W Warm White: 7.5W max. 7.5W
<b>Dimming range</b>	0 ... 100%
<b>PWM frequency</b>	400Hz
<b>Energy efficiency (EU) 2017/1369</b>	G
<b>Color temperature</b>	typ. 3000k (warm white)
<b>Luminous flux</b>	typ. 525lm (warm white)
<b>Colour rendering index (CRI)</b>	min. 90 (R9 min. 50)
<b>Beam angle</b>	RGBW: 120°, WW: 38°
<b>Unified glare rating (UGR)</b>	<19
<b>Ratings</b>	Safety rating: IP20 Fire rated UL263 & BS 476-20 60 mins IC rated California title 24 JA8-2016 compliant



For more information  
about this product, visit  
[loxone.com/help/led-spot-tree](https://loxone.com/help/led-spot-tree)

V280725

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For additional information,  
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# LOXONE

# LED Spot RGBW Tree

**Part No.: 100330 (White)**  
**Part No.: 100334 (Anthracite)**  
**Part No.: 100491 (Gold)**

## About the product

The Loxone LED Spot RGBW Tree is a downlight with warm and RGB light output. It works in combination with the Loxone Tree Extension.

## Installation & electrical connection

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 manufacturers guidelines the protection of the device may be affected.

## Ambient Conditions

<b>Temperature</b>	-40 ... 55°C / -40 ... 131°F
<b>Humidity</b>	max. 95% r.H. (non condensing)
<b>Ingress Protection</b>	IP20

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

## Technical Specifications

<b>Hole diameter</b>	68 ... 72mm / 2.68 ... 2.83"
<b>Installation depth</b>	40mm / 1.57"
<b>Connection</b>	with clamps
<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and may only be cleaned with a dry cloth.

## Connection Cable

<b>Wire cross-section</b>	0.75mm <sup>2</sup> / AWG18
<b>Stripping length</b>	5mm / 0.2"
<b>Temperature resistance</b>	max. 70°C / 158°F for UL
<b>Cable length</b>	120mm / 4.72"

## Connection Terminals

<b>Wire cross-section</b>	0.14 ... 4mm <sup>2</sup> / AWG24 ... 12
<b>Stripping length</b>	11mm / 0.43"
<b>Temperature resistance</b>	max. 85°C / 185°F for UL

