

Technical Specifications

Power supply	12 ... 28VDC
Power consumption	typ. 66mW, max. 163mW
Output	4 PWM outputs (max. 2.1A per channel) 100W at 12V 200W at 24V max. wire length to LED: 30m / 98ft
Power loss at max. load	3W
PWM frequency	123Hz
Interfaces	Loxone Tree: connection with Miniserver / Tree Extension
Ambient temperature	-40 ... 55°C / -40 ... 131°F
Humidity	max. 95% r. H. (non condensing)
Safety rating	IP20
Dimensions	35.4x88x57mm / 1.4x3.46x2.24" (LxWxH)
Maintenance & Cleaning	This device is free of maintenance and may only be cleaned with a dry cloth.

LOXONE

LOXONE

Need Help?

loxone.com/support



RGBW 24V Dimmer Tree

Part No: 100239

Loxone Electronics GmbH
Smart Home 1
4154 Kollerschlag
Austria

loxone.com



V070720

About the product

The RGBW 24V Dimmer allows easy control of LED lighting. You can dim the light as well as change the color, and create different moods of your room.

Features

- 4x PWM output

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.

Power Supply & outputs

Wire cross-section	0.75 ... 2.5mm ² / AWG18 ... 13
Torque of terminal blocks	0.5 ... 0.6Nm / 0.37 ... 0.44 lbf ft
Stripping length	6 ... 7.5mm / 0.24 ... 0.30"
Temperature resistance	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL

Loxone Tree

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



For additional information, declaration of conformity, visit www.loxone.com/help/rgbw-dimmer-tree

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

