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 Air: 868MHz (SRD Band Europe), 4 channels available max. Power 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 channels available max. Power 13.2mW
Ambient temperature	-40 ... 55°C / -40 ... 131°F
Humidity	max. 95% r. H. (non condensing)
Safety rating	IP20
Dimensions	136x36x22.6mm / 5.35x1.42x0.89" (LxWxH)
Maintenance & Cleaning	This device is free of maintenance and may only be cleaned with a dry cloth.

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Need Help?

loxone.com/support

Loxone Electronics GmbH
Smart Home 1
4154 Kollerschlag
Austria

loxone.com

V300720

RGBW 24V Compact Dimmer Air

Part No.: 100324

About the product

The RGBW 24V Compact 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 & 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 manufacturer's guidelines the protection of the device may be affected.

When the device is powered up for the first time, the device immediately goes into Learning mode. Learning mode ends when the Air Device has been successfully connected to the Miniserver or the 10 minute initial Learn period ends.
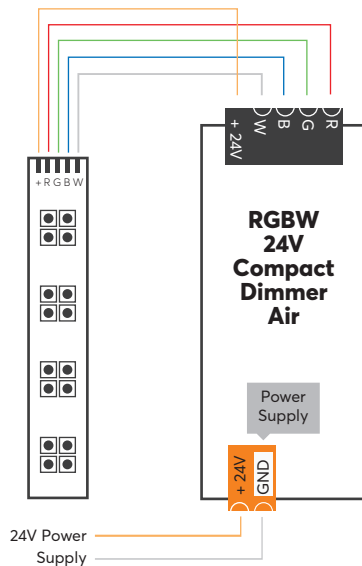
Information

Contains FCC ID: 2ARRV-000376

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation

For additional information, declaration of confirmity, visit www.loxone.com/help/compact-dimmer

Connection

Wire cross-section	0.75 ... 2.5mm² / AWG18 ... 13
Torque of terminal blocks	0.35 ... 0.4Nm / 0.26 ... 0.3 lbf ft
Stripping length	5mm / 0.2"
Temperature resistance	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL

RGBW 24V Compact Dimmer Air

Power Supply

24V Power Supply