

## Technical Specifications

<b>Power supply</b>	12 ... 28VDC
<b>Power consumption</b>	typ. 66mW, max. 163mW
<b>Output</b>	4 PWM outputs (max. 2.1A per channel) 100W at 12V 200W at 24V  max. wire length to LED: 30m / 98ft
<b>Power loss at max. load</b>	3W
<b>PWM frequency</b>	123Hz
<b>Interfaces</b>	Loxone Air: 868MHz (SRD Band Europe), 4 channels available 915MHz (ISM Band Region 2), 10 channels available max. Power 3.16mW
<b>Ambient temperature</b>	-40 ... 55°C / -40 ... 131°F
<b>Humidity</b>	max. 95% r. H. (non condensing)
<b>Safety rating</b>	IP20
<b>Dimensions</b>	35.4x88x57mm / 1.4x3.46x2.24" (LxWxH)
<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and may only be cleaned with a dry cloth.

# LOXONE

## Need Help?

[loxone.com/support](https://loxone.com/support)

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VH0420

# LOXONE



## RGBW 24V Dimmer Air

Part No: 100125

## 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

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 conformity, visit [www.loxone.com/help/rgbw-dimmer-air](http://www.loxone.com/help/rgbw-dimmer-air)

## Connection

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

This folder is a part of the product!  
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CLASS 2 INPUT ONLY • ENTRÉE DE CLASSE 2 UNIQUEMENT

