Interface

LOXONE Air	868 MHz (SRD Band Europe), 4 channels, max. 15.1 mW e.r.p. 915 MHz (ISM Band Region 2), 10 channels, max. 13.2 mW internal antenna

Light Properties

Dimming Range	0 ... 100 %
Colour Temperature (CCT)	2 200 ... 6 500K (typ. 3 000 K)
Luminous Flux	typ. 1 170 lm (3 000 K, 100 %)
Light Source Energy Efficiency Class (EU 2019/2015)	D
Colour Rendering index (CRI)	≥ 95 (R9 ≥ 70)
Beam Angle	110°
Unified Glare Rating (UGR)	24

Safety Instructions

Installation must be carried out by a qualified electrician in accordance with the applicable regulations.
This device is maintenance-free and must only be cleaned with a dry cloth.

For more information about this product, visit
loxone.com/help/down-light-pure-rgbw-air

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For additional information, declaration of conformity, visit
www.loxone.com/datasheets

Need Help?
loxone.com/support

Down Light 6 Pure RGBW Air

Part No.: 100840 (White)
Part No.: 100841 (Black)
Part No.: 100905 (Gold)

LOXONE

About the product

The LOXONE Down Light 6 Pure RGBW Air is a recessed LED downlight that combines high-quality tunable white light (2 200 – 6 500 K) with vibrant colored light. It is powered by 24 V DC and controlled directly via the LOXONE Air interface.

Features

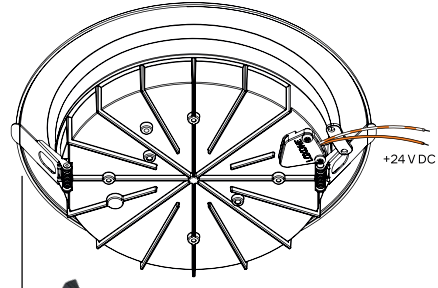
- High-efficiency LED technology
- Premium White & RGB light output
- Low-profile recessed design (40 mm)
- LOXONE Air technology

Electrical Specifications

Supply Voltage	20 ... 30 V DC
Power Consumption	• Standby: <0.1 W • Red: 7.9 W • Green: 4.8 W • Blue: 3.0 W • typ. 3 000 K - 80 %: 8.8 W • max. 15.2 W
PWM Frequency	up to 20 kHz
Dimming Resolution	12 Bit
Ingress Protection	IP20

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

Mounting and Wiring Information



For technical reasons, the retaining clip is supplied with the plastic protective cover pre-installed (see illustration).

We recommend installing a separate LED power supply for a group of Down Lights to avoid interference from other devices. All Loxone power supplies are suitable."

When in contact with metal structures in the building, a defined equipotential bonding must be established to protect the luminaire's electronics from interference or damage.

Connection Cable

Wire cross-section	2 x 0.8 mm² / AWG 18
Temperature resistance	max. 125 °C / 257 °F
Length	180 mm / 7.08"

Product Dimensions

Hole diameter	150 ... 163 mm / 5.9 ... 6.41"
Installation depth	40 mm / 1.57"
Installation width	219 mm / 8.62"
Ceiling thickness	5 ... 30 mm / 0.2 ... 1.18"

In the delivery state, the device enters pairing mode automatically once the power supply (24 V) is established. Connect via LOXONE Config with the Miniserver to pair the device and add it to your program.

Information

Contains **FCC ID: 2ARRV-000375**
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.