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 ... 6 500 K
Luminous Flux	typ. 2000 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)	<22

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.

Presence Detection Specifications

Motion Detection	Passive infrared sensor
Motion Detection Range	Ø 8 m / 26.25 ft (at a height of 3 m / 9.84 ft)
Detection Angle	horizontal 360°, vertical 110°
Acoustic Detection	60 Hz ... 20 kHz, mono Max. sound pressure level: 160 dB Signal-to-noise ratio: 64 dBA

Measurement Range

Brightness	0.045 ... 188 000 lx

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

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

Need Help?
loxone.com/support

V201026

Ceiling Light Pure 12 RGBW Air

Part No.: 100813 (White)
Part No.: 100814 (Black)
Part No.: 100893 (Gold)

LOXONE

About the product

The LOXONE Ceiling Light Pure 12 RGBW Air is a downlight with an integrated presence detector and brightness sensor that combines high-quality white light from 2 200 K to 6 500 K with vibrant colored light. Control and dimming are handled directly via the integrated Air interface

Features

- High-End LED technology
- Premium White & RGBW light output
- Presence Sensor (Motion & Acustic)
- Brightness Sensor
- Air Technology

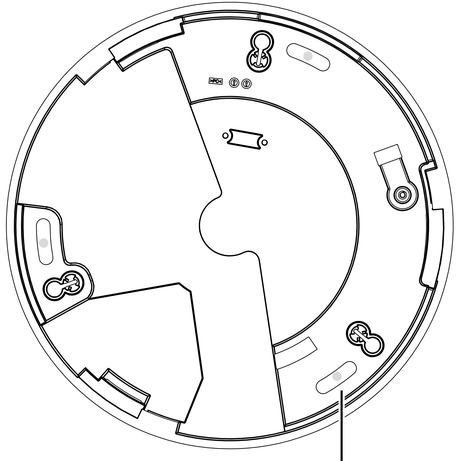
Electrical Specifications

Supply Voltage	110 ... 240 V AC, 50/60 Hz
Power Consumption	• Standby: <0.15 W • Red: 17 W • Green: 8 W • Blue: 7 W • typ. 3 000 K - 80 %: 11.8 W • max. 20.8 W
PWM Frequency	20 kHz
Dimming Resolution	12 Bit
Ingress Protection	IP20

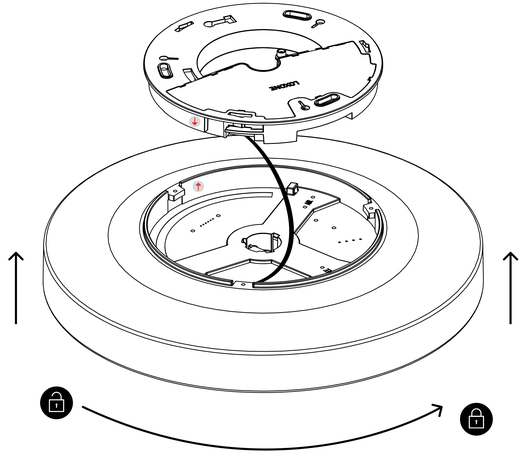
SUITABLE FOR DAMP LOCATIONS • CONVIENT AUX EMPLACEMENTS HUMIDES • CLASS 2 INPUT ONLY • ENTRÉE DE CLASSE 2 UNIQUEMENT

Mounting and Wiring Informations

1. Connect 230 V
2. Mount the ceiling mounting base with 3 screws.
3. Hang the fixture from the ceiling mounting part using the steel cable. **Please note: The additional safety rope is a security feature and must not be removed!**



4. Connect 24 V
5. Plug in the connector between the fixture and ceiling mounting part.
6. Push up and twist to lock.
Mind that the positions of the stickers match.



24 V DC Terminals

Wire cross-section	0.75 ... 2.5 mm² / AWG 18 ... 13
Stripping length	5 mm / 0.2”
Tightening torque	0.35 ... 0.4 N·m / 0.26 ... 0.3 lb·ft
Temperature resistance	min. 80 °C / 176 °F for IEC min. 75 °C / 167 °F for UL

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.

The additional safety rope is a security feature and must not be removed!

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.