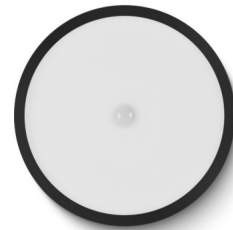


## Datasheet

### LED Ceiling Light

### RGBW Air Anthracite

Part No: 100287



#### About the product

The LOXONE LED Ceiling Light RGBW Air is a ceiling light with an **integrated motion detector** and **brightness sensor** that combines **colored light** and **warm white light**. The **control** and **dimming** takes place directly via the **Air interface**.

#### Features:

- Gentle dimming behavior
- Timeless design
- Homogeneous light surface
- Easy installation thanks to fall protection and fastening magnets
- Cover up to 20m<sup>2</sup> with just one light - perfect for offices, storage rooms, bathrooms, toilets and much more

## Electrical Specifications

Power Supply	220 ... 240VAC, 50Hz
Power consumption	Standby: <0.50W Red: 10W Green: 7.9W Blue: 4.7W Warm White: 22.2W max. 24W
Dimming range	0 ... 100%
Interfaces	LOXONE Air: 868MHz (SRD Band Europe), 4 channels available 915MHz (ISM Band Region 2), 10 channels available max. power 3.16mW
PWM frequency	200Hz
Energy efficiency (EU) 2017/1369	G
Motion detection	passive infrared sensor
Motion detection range	8m / 26.25ft (at height of 3m / 9.84ft)
Measuring range of brightness sensor	0.045 ... 188000lx
Detection angle vertical	110°
Detection angle horizontal	360°

## Ambient Conditions

Temperature	-40 ... 55°C / -40 ... 131°F
Humidity	max. 95 % RH (non-condensing)

## Connection Terminals

Wire cross-section	0.75 ... 2.5mm <sup>2</sup> / AWG18 ... 13
Stripping length	5 mm / 0.2"

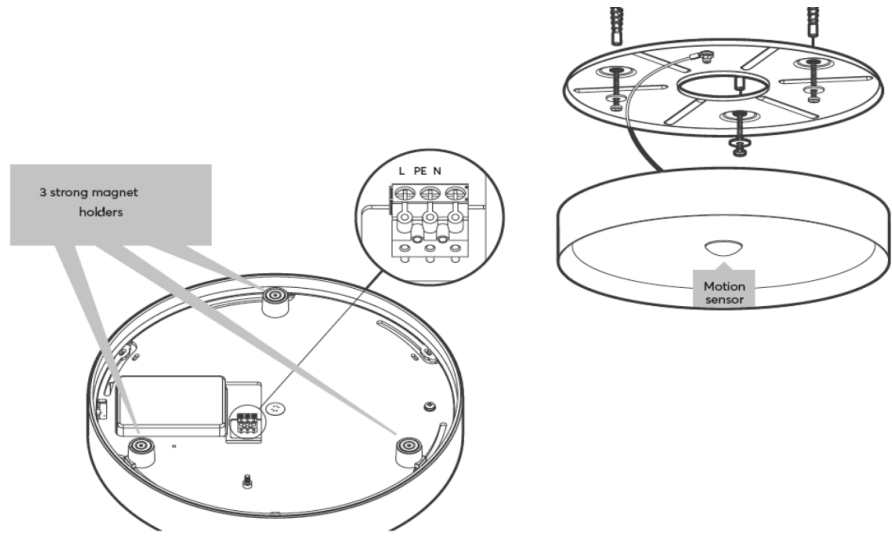
## Connections

Tightening torque 0.35 ... 0.4Nm / 0.26 ... 0.3 lbf ft

Temperature resistance min. 80°C / 176°F for IEC,  
min. 75°C / 167°F for UL

## Connection Diagram

Connection Diagram



## Light Properties

Colour temperature typ. 3000k (warm white)

Luminous flux typ. 1350lm (warm white)

Colour rendering index (CRI) min. 90, (R9 min. 50)

Beam angle 120°

Unified glare rating (UGR) <19

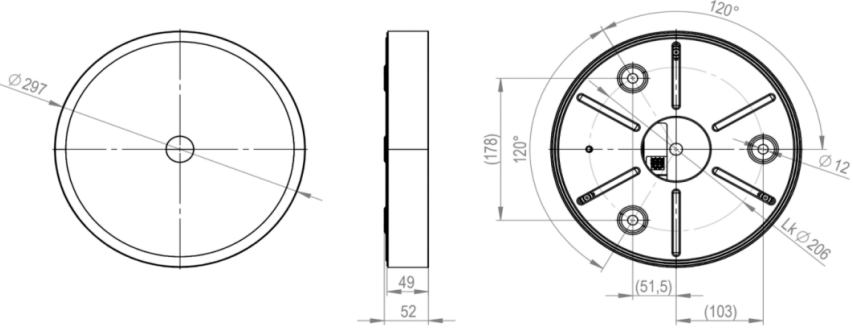
## Product Characteristics

Colours White: RAL 9003 - Part No. 100286  
Anthracite: RAL 7021 - Part No. 100287  
Gold: approx. RAL1036 - Part No. 100500

Material Alu and Plastic

Finish Matte

## Weight & Dimensions

Net weight	2600g
Total weight	2800g
Product dimensions	D: 297mm / 11.69" H: 52mm / 2.05"
Product dimensions drawing	
Pack size	355x355x55mm / 13.98x13.98x2.17" (LxWxH)

## Certifications & Standards

Safety class	IP20
Certifications	 

Installation must be carried out by a qualified electrician in accordance with the relevant regulations.

### Published by

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loxone.com

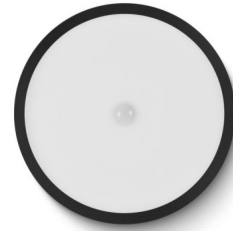
Loxone UK Ltd.  
The Forum  
Station Road  
Theale, RG7 4RA  
United Kingdom

# Datenblatt

## LED Ceiling Light

### RGBW Air Anthrazit

Part No: 100287



#### Über das Produkt

Die LOXONE LED Ceiling Light RGBW Air ist eine Deckenleuchte mit **integriertem Bewegungsmelder** und **Helligkeitssensor**, die **Farblicht** und **warmweißes Licht** kombiniert. Die **Ansteuerung** und das **Dimmen** erfolgen direkt über die **Air Schnittstelle**.

#### Features:

- Sanftes Dimmverhalten
- Zeitloses Design
- Homogene Leuchtfläche
- Einfache Installation dank Absturzsicherung und Befestigungsmagneten
- Bis 20m<sup>2</sup> mit nur einer Leuchte abdecken - perfekt für Büro, Abstellräume, Bäder, WC's und vielem mehr

## Elektrische Spezifikationen

Spannungsversorgung	220 ... 240VAC, 50Hz
Leistungsaufnahme	Standby: <0.50W Rot: 10W Grün: 7,9W Blau: 4,7W Warmweiß: 22,2W max. 24W
Dimmbereich	0 ... 100%
Schnittstellen	LOXONE Air: 868MHz (SRD Band Europa), 4 Kanäle wählbar 915MHz (ISM Band Region 2), 10 Kanäle wählbar max. Sendeleistung 3,16mW
PWM Frequenz	200Hz
Energieeffizienz (EU) 2017/1369	G
Bewegungserkennung	passiver Infrarotsensor
Reichweite der Bewegungserkennung	8m / 26.25ft (in 3m / 9.84ft Höhe)
Messbereich Helligkeitssensor	0,045 ... 188000lx
Erfassungswinkel vertikal	110°
Erfassungswinkel horizontal	360°

## Umgebungsbedingungen

Temperatur	-40 ... 55°C / -40 ... 131°F
Luftfeuchtigkeit	max. 95 % r. F. (nicht kondensierend)

## Anschlussklemmen

Leiterquerschnitt	0,75 ... 2,5mm <sup>2</sup> / AWG18 ... 13
Abisolierlänge	5 mm / 0,2"

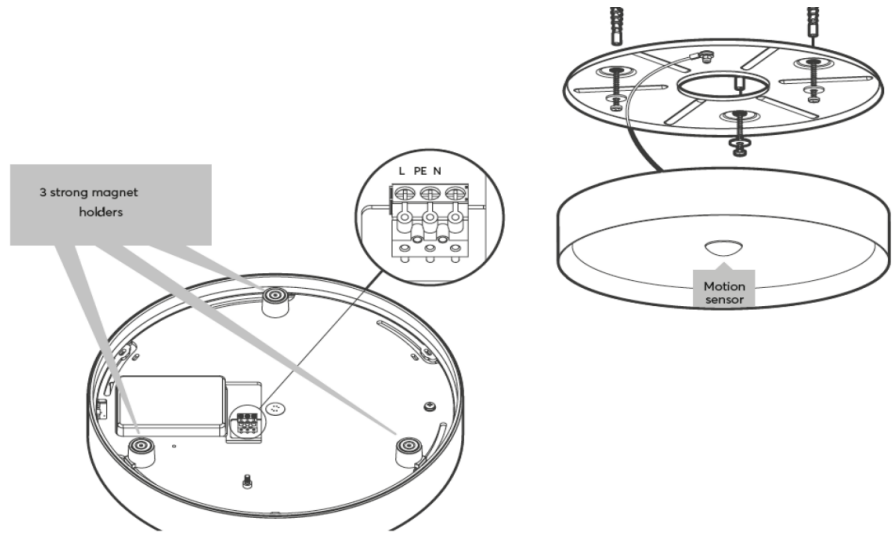
## Anschlüsse

Anzugsdrehmoment | 0,35 ... 0,4Nm / 0,26 ... 0,3 lbf ft

Temperaturbeständigkeit | min. 80°C / 176°F for IEC,  
min. 75°C / 167°F for UL

## Anschlussplan

Anschlussplan



## Lichteigenschaften

Farbtemperatur | typ. 3000k (warmweiß)

Lichtstrom | typ. 1350lm (warmweiß)

Farbwiedergabeindex (CRI) | min. 90, (R9 min. 50)

Strahlwinkel | 120°

Einheitliche  
Blendungsbewertung (UGR) | <19

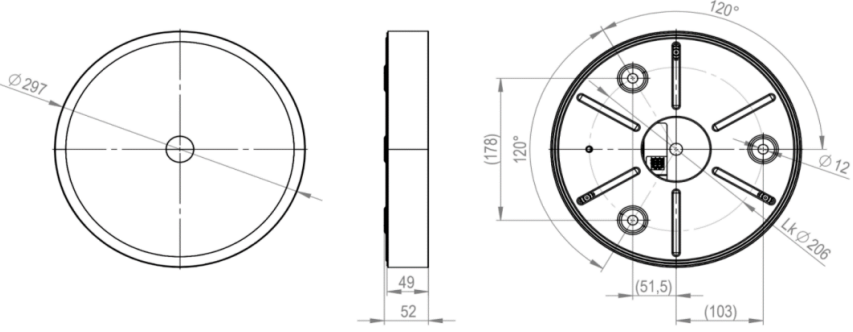
## Produkteigenschaften

Farbe | Weiß: RAL 9003 - Art. Nr. 100286  
Anthrazit: RAL 7021 - Art. Nr. 100287  
Gold: ca. RAL1036 - Art. Nr. 100500

Material | Alu und Kunststoff

Glanzgrad | Matt

## Gewicht & Abmessungen

Nettogewicht	2600g
Bruttogewicht	2800g
Produktmaße	D: 297mm / 11,69" H: 52mm / 2,05"
Produktmaßzeichnung	 <p>The technical drawing shows three views of a circular device. On the left is a top view of the outer ring with a diameter of 297mm. In the middle is a side view showing a height of 52mm and a width of 49mm. On the right is a detailed top view of the inner assembly with a diameter of 206mm. This view shows four mounting tabs spaced at 120-degree intervals. Dimensions include a central hole diameter of 12mm, a distance of 51.5mm from the center to the inner edge of the tabs, and a distance of 103mm from the center to the outer edge of the tabs. A dimension of 178mm is also shown for the distance from the center to the outer edge of the ring.</p>
Packmaß	355x355x55mm / 13,98x13,98x2,17" (LxBxH)

## Zertifizierungen & Standards

Schutzklasse	IP20
Zertifizierungen	 <p>The image shows two certification logos: the CE mark and the UKCA mark, both enclosed in rounded rectangular boxes.</p>

Die Installation muss von einer qualifizierten Elektrofachkraft gemäß den einschlägigen Vorschriften durchgeführt werden.

### Veröffentlicht von

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loxone.com

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