

## Datasheet

### LED Ceiling Spot RGBW

Part No: 100235, 100278



### About the product

The Loxone LED Ceiling Spot RGBW combines colored light and warm white light. A RGBW 24V Dimmer is required for control and dimming.

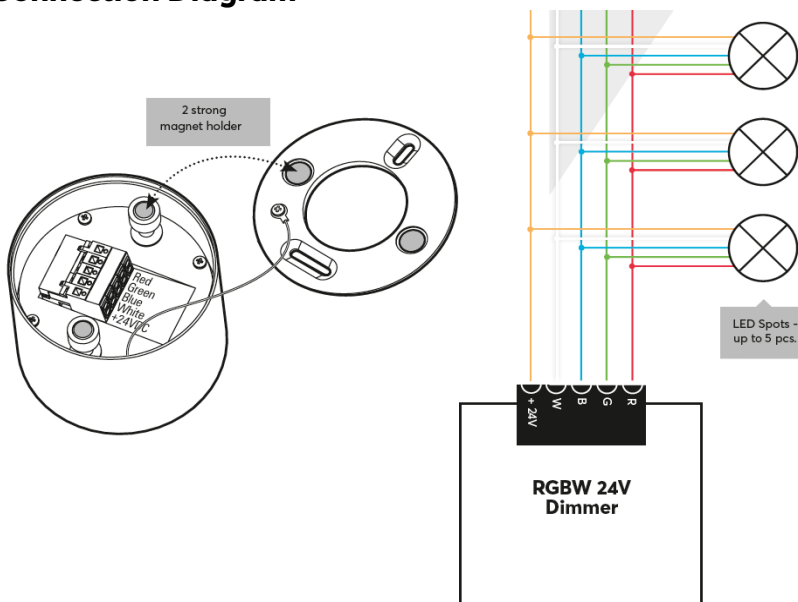
### Electrical Data

|                     |  |
|---------------------|--|
| Power supply        | 21.6 ... 25.2VDC   |
| Power consumption   | Red: 4.8W<br>Green: 2.0W<br>Blue: 3.2W<br>Warm white: 9.4W<br>max. 10W |
| Dimming range       | 0 ... 100%   |
| Ambient temperature | 0 ... 55°C / 32 ... 131°F  |
| Humidity            | max. 95% r.H. (non condensing)   |
| PWM frequency       | 123 ... 200Hz  |
| Energy efficiency   | A++  |

### Connections

|                        |  |
|------------------------|--|
| Wire cross-section     | 0.75 ... 2.5mm <sup>2</sup> / AWG18 ... 13 |
| Stripping length       | 5mm / 0.2"                                 |
| Temperature resistance | -40 ... 70 °C / -40 ... 158°F              |

### Connection Diagram



## Light Properties

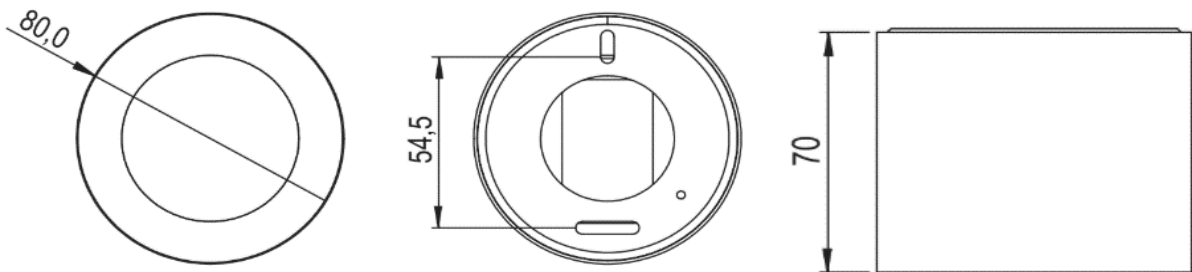
|                              |                           |
|------------------------------|---------------------------|
| Colour temperature           | typ. 3000k (warm white)   |
| Luminous flux                | typ. 741.5lm (warm white) |
| Colour rendering index (CRI) | min. 80, typ. 83          |
| Beam angle                   | 120°                      |
| Unified glare rating (UGR)   | <19                       |

## Product Characteristics

|          |   |
|----------|---|
| Colours  | Anthracite: RAL 7021 - Part No. 100278<br>White: RAL 9003 - Part No. 100235 |
| Material | Aluminium and glass   |
| Finish   | Matte   |

## Weight & Dimensions

|                    |                                    |
|--------------------|------------------------------------|
| Net weight         | 359g                               |
| Total weight       | 399g                               |
| Product dimensions | D: 80mm / 3.15"<br>H: 70mm / 2.75" |



|           |  |
|-----------|--|
| Pack size | 94x82x83.5mm / 3.70x3.23x3.29" (LxWxH) |
|-----------|--|

## Certifications & Standards

|               |      |
|---------------|------|
| Safety rating | IP20 |
|---------------|------|

Certifications



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

## Published by

### Loxone Electronics GmbH

Smart Home 1  
4154 Kollerschlag  
Austria  
Tel: +43 7287 7070-0  
loxone.com

## Datenblatt

### LED Aufbauspot RGBW

Art. Nr. 100235, 100278



### Infos zum Produkt

Der Loxone LED Aufbauspot RGBW kombiniert Farblicht und warmweißes Licht. Zur Ansteuerung und Dimmung wird ein RGBW 24V Dimmer benötigt.

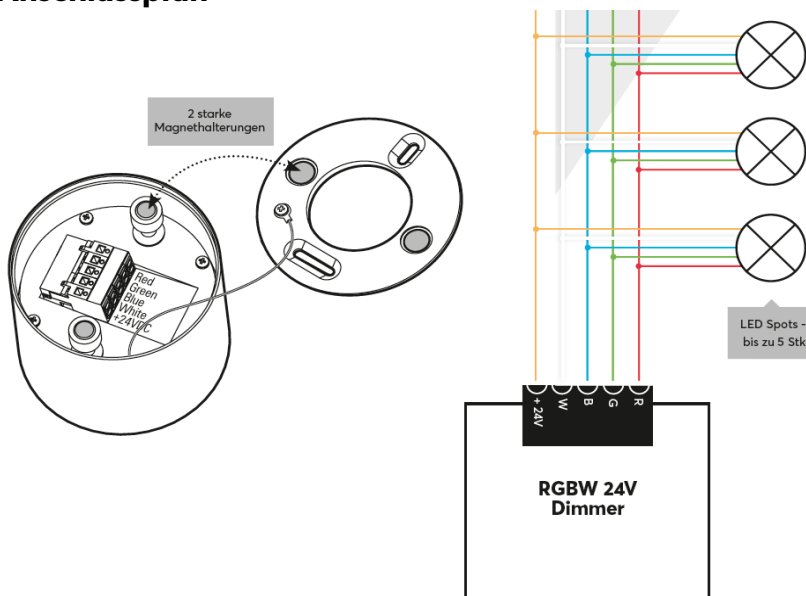
### Elektrische Daten

|                     |   |
|---------------------|---|
| Spannungsversorgung | 21,6 ... 25,2VDC  |
| Leistungsaufnahme   | Rot: 4,8W<br>Grün: 2,0W<br>Blau: 3,2W<br>Warmweiß: 9,4W<br>max. 10W |
| Dimmbereich         | 0 ... 100%  |
| Umgebungstemperatur | 0 ... 55°C / 32 ... 131°F   |
| Luftfeuchtigkeit    | max. 95% r.H. (nicht kondensierend)                                 |
| PWM Frequenz        | 123 ... 200Hz   |
| Energieeffizienz    | A++   |

### Anschlüsse

|                         |  |
|-------------------------|--|
| Leiterquerschnitt       | 0,75 ... 2,5mm <sup>2</sup> / AWG18 ... 13 |
| Abisolierlänge          | 5mm / 0,2"                                 |
| Temperaturbeständigkeit | -40 ... 70 °C / -40 ... 158°F              |

### Anschlussplan



## Lichteigenschaften

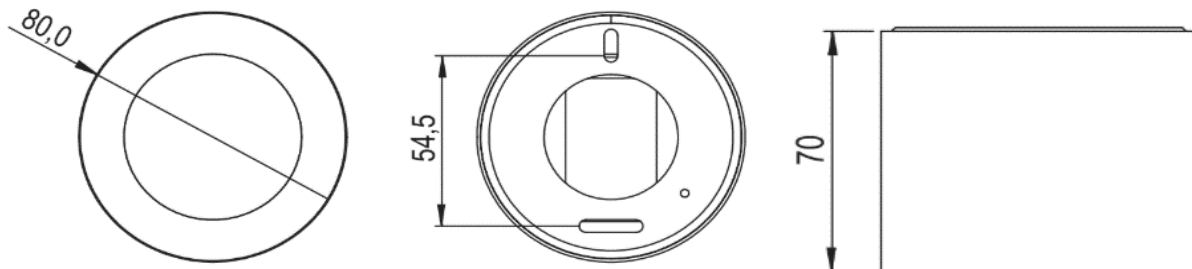
|                                       |                           |
|---------------------------------------|---------------------------|
| Farbtemperatur                        | typ. 3000k (warmweiß)     |
| Lichtstrom                            | typ. 741.5lm (warm white) |
| Farbwiedergabeindex (CRI)             | min. 80, typ. 83          |
| Strahlwinkel                          | 120°                      |
| Einheitliche Blendungsbewertung (UGR) | <19                       |

## Produkteigenschaften

|           |   |
|-----------|---|
| Farben    | Anthrazit: RAL 7021 - Art. Nr. 100278<br>Weiß: RAL 9003 - Art. Nr. 100235 |
| Material  | Aluminium und Glas  |
| Glanzgrad | Matt  |

## Gewicht & Abmessungen

|               |                                    |
|---------------|------------------------------------|
| Nettogewicht  | 359g                               |
| Bruttogewicht | 399g                               |
| Produktmaße   | D: 80mm / 3,15"<br>H: 70mm / 2,75" |



|         |  |
|---------|--|
| Packmaß | 94x82x83,5mm / 3,70x3,23x3,29" (LxBxH) |
|---------|--|

## Zertifizierungen & Standards

|                  |   |
|------------------|---|
| Schutzart        | IP20  |
| Zertifizierungen |  |

Die Installation muss nach den einschlägigen Vorschriften durch eine Elektrofachkraft erfolgen.

## Veröffentlicht von Loxone Electronics GmbH

Smart Home 1  
4154 Kollerschlag  
Österreich  
Tel: +43 7287 7070-0  
loxone.com