

## Datasheet

### LED Spot WW PWM White

Part No: 100327



#### About the product

The Loxone LED Spot WW is a **recessed spot** with **warm white** light. An **RGBW 24V dimmer** is required for dimming.

##### Features:

- Gentle dimming behavior
- Directed warm white light

#### Electrical Specifications

|                                  |                     |
|----------------------------------|---------------------|
| Supply voltage                   | 21.6 ... 25.2 VDC   |
| Power consumption                | max. 7.5 W          |
| Dimming range                    | 0 ... 100% with PWM |
| PWM frequency                    | 123 ... 400Hz       |
| Energy efficiency (EU) 2017/1369 | G                   |

#### Ambient Conditions

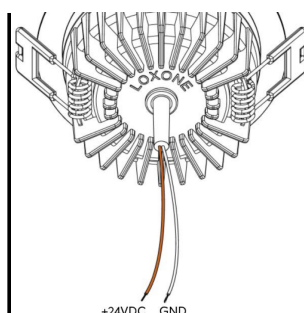
|             |                                  |
|-------------|----------------------------------|
| Temperature | -40 ... 55°C / -40 ... 131°F     |
| Humidity    | max. 95 % r. h. (non-condensing) |

## Connections

|                        |                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------|
| Wire cross-section     | Connection Cable: 0.75mm <sup>2</sup> / AWG18<br>Connection Terminals: 0.14 ... 4mm <sup>2</sup> / AWG24 ... 12 |
| Stripping length       | Connection Cable: 5mm / 0.2"<br>Connection Terminals: 11mm / 0.43"                                              |
| Temperature resistance | Connection Cable: max. 70°C / 158°F<br>Connection Terminals: max. 85°C / 185°F                                  |
| Length                 | Connection Cable: 120mm / 4.72"<br>Connection Terminals: -                                                      |

## Connection Diagram

Connection Diagram



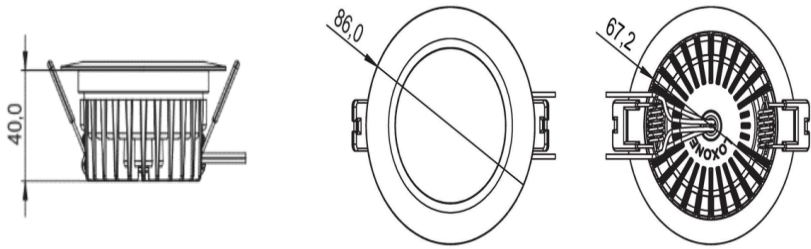
## Light Properties

|                              |                         |
|------------------------------|-------------------------|
| Colour temperature           | typ. 3000k (warm white) |
| Luminous flux                | typ. 525lm (warm white) |
| Colour rendering index (CRI) | min. 90, (R9 min. 50)   |
| Beam angle                   | Warm white: 38°         |
| Unified glare rating (UGR)   | <19                     |

## Product Characteristics

|          |                                                                             |
|----------|-----------------------------------------------------------------------------|
| Colours  | Anthracite: RAL 7021 - Part No. 100331<br>White: RAL 9003 - Part No. 100327 |
| Material | Steel and glass                                                             |
| Finish   | Matte                                                                       |

## Weight & Dimensions

|                            |                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Net weight                 | 205 g                                                                                                                    |
| Total weight               | 239 g                                                                                                                    |
| Product dimensions         | Outer diameter of bezel: 86mm (3.39")<br>Installation depth: 40mm (1.57")<br>Hole diameter: 68 ... 72mm (2.68 ... 2.83") |
| Product dimensions drawing |                                        |
| Pack size                  | 118x115x55mm / 4.65x84.53x2.17" (LxWxH)                                                                                  |

## Certifications & Standards

|                |                                                                                                                                                                                                                                                             |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety class   | IP20                                                                                                                                                                                                                                                        |
| Certifications |    |

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

## Published by

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

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

## Datenblatt

### LED Spot WW PWM Weiß

Part No: 100327



## Über das Produkt

Der Loxone LED Spot WW ist ein **Einbauspot** mit **warmweißem** Licht. Für das Dimmen wird ein **RGBW 24V Dimmer** benötigt.

### Features:

- Sanftes Dimmverhalten
- Gerichtetes warmweißes Licht

## Elektrische Spezifikationen

|                                 |                    |
|---------------------------------|--------------------|
| Versorgungsspannung             | 21,6 ... 25,2 VDC  |
| Leistungsaufnahme               | max. 7,5 W         |
| Dimmbereich                     | 0 ... 100% mit PWM |
| PWM Frequenz                    | 123 ... 400Hz      |
| Energieeffizienz (EU) 2017/1369 | G                  |

## Umgebungsbedingungen

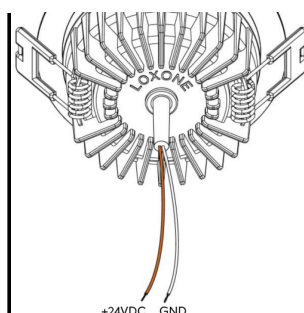
|                  |                                       |
|------------------|---------------------------------------|
| Temperatur       | -40 ... 55°C / -40 ... 131°F          |
| Luftfeuchtigkeit | max. 95 % r. F. (nicht kondensierend) |

## Anschlüsse

|                         |                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Leiterquerschnitt       | Anschlussleitung: 0.75mm <sup>2</sup> / AWG18<br>Anschlussklemmen: 0.14 ... 4mm <sup>2</sup> / AWG24 ... 12 |
| Abisolierlänge          | Anschlussleitung: 5mm / 0.2"<br>Anschlussklemmen: 11mm / 0.43"                                              |
| Temperaturbeständigkeit | Anschlussleitung: max. 70°C / 158°F<br>Anschlussklemmen: max. 85°C / 185°F                                  |
| Länge                   | Anschlussleitung: 120mm / 4,72"<br>Anschlussklemmen: -                                                      |

## Anschlussplan

Anschlussplan



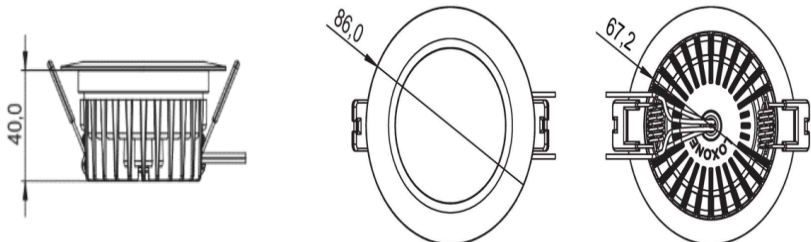
## Lichteigenschaften

|                                       |                       |
|---------------------------------------|-----------------------|
| Farbtemperatur                        | typ. 3000k (warmweiß) |
| Lichtstrom                            | typ. 525lm (warmweiß) |
| Farbwiedergabeindex (CRI)             | min. 90, (R9 min. 50) |
| Strahlwinkel                          | Warm weiß: 38°        |
| Einheitliche Blendungsbewertung (UGR) | <19                   |

## Produkteigenschaften

|           |                                                                           |
|-----------|---------------------------------------------------------------------------|
| Farbe     | Anthrazit: RAL 7021 - Art. Nr. 100331<br>Weiß: RAL 9003 - Art. Nr. 100327 |
| Material  | Stahl und Glas                                                            |
| Glanzgrad | Matt                                                                      |

## Gewicht & Abmessungen

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Nettogewicht        | 205 g                                                                                                                       |
| Bruttogewicht       | 239 g                                                                                                                       |
| Produktmaße         | Außendurchmesser des Frontrings: 86mm (3,39")<br>Einbautiefe: 40mm (1,57")<br>Lochdurchmesser: 68 ... 72mm (2,68 ... 2,83") |
| Produktmaßzeichnung |                                           |
| Packmaß             | 118x115x55mm / 4,65x84,53x2,17" (LxBxH)                                                                                     |

## Zertifizierungen & Standards

|                  |                                                                                                                                                                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Schutzklasse     | IP20                                                                                                                                                                                                                                                        |
| Zertifizierungen |    |

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

### Veröffentlicht von

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