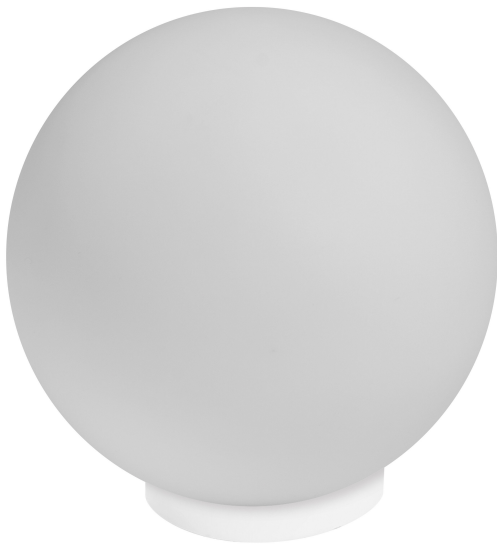


# PRODUCT DATASHEET

## Smart+ Wifi Ball Magic RGBW USB

SMART+ WIFI Ball Magic RGB | Smart+ moodlights



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### Areas of application

- Indoor applications
- Kitchens, living rooms, children's rooms or home offices

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### Product benefits

- Easy and quick installation
- Homogenous light distribution

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### Product features

- Network protocol: WiFi
- Smart control for adjustable color temperature and RGB color control
- Music rhythm function: With behalf of the Smart Wi-Fi App and integrated voice-receivers the Luminaire reacts to sound and music
- RGB color control, approx. 16 million color options adjustable
- USB connection
- Dimmable
- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)



TECHNICAL DATA

Electrical data

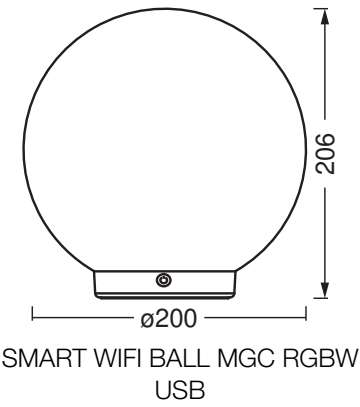
|                  |                               |
|------------------|-------------------------------|
| Nominal wattage  | 3.50 W                        |
| Nominal voltage  | 5 V                           |
| Nominal current  | 700.000 mA                    |
| Protection class | III                           |
| Operating mode   | Electronic control gear (ECG) |

Photometrical data

|                                                |                     |
|------------------------------------------------|---------------------|
| Luminous flux                                  | 200 lm              |
| Total luminous flux of contained light sources | 230 lm              |
| Luminous efficacy                              | 57 lm/W             |
| Color temperature                              | 2200 ... 6500 K     |
| Light color (designation)                      | Tunable White / RGB |
| Color rendering index Ra                       | > 80                |
| Standard deviation of color matching           | ≤6 sdc <sub>m</sub> |
| Photobiological safety group acc. to EN62778   | RG0                 |
| Beam angle                                     | 250 °               |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 200.00 mm |
| Height         | 206.00 mm |
| Product weight | 550.00 g  |
| Cable length   | 1 m       |



## Materials & Colors

|                 |                                                          |
|-----------------|----------------------------------------------------------|
| Product color   | White                                                    |
| Housing color   | White                                                    |
| Body material   | Polycarbonate (PC) Acrylonitrile butadiene styrene (ABS) |
| Cover material  | Glass                                                    |
| Mercury content | 0.0 mg                                                   |

## Application & Mounting

|                              |              |
|------------------------------|--------------|
| Ambient temperature range    | -20...+40 °C |
| Temperature range at storage | -20...+80 °C |
| Type of connection           | USB TYPE-A   |
| Type of protection           | IP20         |
| Dimmable                     | Yes          |
| Type of dimming              | WiFi         |
| Mounting type                | Standing     |
| Application environment      | Indoor       |
| Adjustable                   | No           |
| With light source            | Yes          |

## Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 25000 h |
| Number of switching cycles | 50000   |

## Certificates & Standards

|           |    |
|-----------|----|
| Standards | CE |
|-----------|----|

## Additional product data

|                       |                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Product remark        | Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times. |
| Number of illuminants | empty                                                                                                                            |

## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included
- USB cable, lenght: 1 m
- For control via SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

## Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name                   |
|----------------------------------------------------------------------------------|----------------------------------------|---------------------------------|
|  | User instruction / safety instructions | SMART+ WIFI BALL MGC RGBTW USB  |
|  | Legal information                      | Safety insert G11222390         |
|  | Declarations of conformity             | SMART WIFI BALL MAGIC RGBW USB  |
|  | Declarations of conformity UKCA        | SMART WIFI BALL MAGIC RGBW USB  |
|  | EU Data Act                            | SMART WiFi Lamps and Luminaires |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854475801 | Folding box<br>1             | 242 mm x 242 mm x 243 mm             | 1030.00 g    | 14.23 dm <sup>3</sup> |
| 4099854475818 | Shipping box<br>4            | 500 mm x 258 mm x 511 mm             | 4120.00 g    | 65.92 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## References / Links

- Further information and frequently asked questions (FAQs) at [www.ledvance.com/en-int/home-lighting/services/faq](http://www.ledvance.com/en-int/home-lighting/services/faq)

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.