

## PRODUCT DATASHEET

### SMART+ MATTER Adjustable Beam Wall Multicolor

SMART+ MATTER Beam Adjust Wall | Smart outdoor wall luminaire with adjustable beam angle, TW, RGB and dimmable



#### Areas of application

- General illumination
- Gardens
- Patios, balconies

#### Product benefits

- Easy and quick installation
- Colorful garden lighting with smart and intelligent control options
- High-quality materials

#### Product features

- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0) or any other Matter-compatible platforms
- Controllable via voice control available: Google Assistant or Amazon Alexa
- RGB color control, approx. 16 million color options adjustable
- Adjustable color temperature via Tunable White: 3,000...6,500 K
- Dimmable
- Type of protection: IP44
- adjustable beam angle of light cone



- Network protocol: Matter over WiFi (2.4 GHz)

TECHNICAL DATA

Electrical data

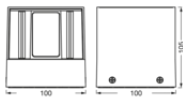
|                           |             |
|---------------------------|-------------|
| Nominal wattage           | 8.00 W      |
| Nominal voltage           | 220...240 V |
| Mains frequency           | 50...60 Hz  |
| Nominal current           | 40.000 mA   |
| Power factor $\lambda$    | > 0.5       |
| Total harmonic distortion | $\leq$ 20 % |
| Protection class          | II          |

Photometrical data

|                                                |                     |
|------------------------------------------------|---------------------|
| Luminous flux                                  | 320 lm              |
| Total luminous flux of contained light sources | 750 lm              |
| Luminous efficacy                              | 40 lm/W             |
| Color temperature                              | 3000...6500 K       |
| Light color (designation)                      | Tunable White / RGB |
| Color rendering index Ra                       | > 80                |
| Standard deviation of color matching           | $\leq$ 6 sdcn       |
| Photobiological safety group acc. to EN62778   | RG0                 |
| Beam angle                                     | 65 °                |
| UGR                                            | < 25                |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 100.00 mm |
| Width          | 105.00 mm |
| Height         | 100.00 mm |
| Product weight | 500.00 g  |



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WALL RGBW

Materials & Colors

|                                            |                                                 |
|--------------------------------------------|-------------------------------------------------|
| Product color                              | Black                                           |
| Housing color                              | Black                                           |
| Body material                              | Aluminium Acrylonitrile butadiene styrene (ABS) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C                                          |
| Mercury content                            | 0.0 mg                                          |

### Application & Mounting

|                                        |                         |
|----------------------------------------|-------------------------|
| Ambient temperature range              | -20...+40 °C            |
| Type of connection                     | Terminal, 2-Pole (L, N) |
| Type of protection                     | IP44                    |
| Protection class IK (shock resistance) | IK03                    |
| Dimmable                               | Yes                     |
| Type of dimming                        | WiFi                    |
| Mounting type                          | Surface                 |
| Application environment                | Outdoor                 |
| Adjustable                             | Yes                     |
| With light source                      | Yes                     |

### Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 30000 h |
| Number of switching cycles | 100000  |

### Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

### Certificates & Standards

|                                                      |                 |
|------------------------------------------------------|-----------------|
| Standards                                            | CE / UKCA       |
| Luminaire with limited surface temperature, "D sign" | No              |
| Ball shot safe                                       | No              |
| Replaceable light source (EPREL)                     | Not replaceable |

### Additional product data

|                |                                                                                                                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product remark | Available from October 2025 / Reset settings to default by switching the product on for five seconds and off for five seconds and repeating this five times. |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

### EQUIPMENT / ACCESSORIES

– For control via SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

- Control via app or voice control requires compatible Smart home system
- Mounting screws and dowels included

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

### DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                               |
|------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------|
|    | User instruction / safety instructions | Smart Matter Outdoor Wall Beam Adjustable   |
|    | Addon technical information            | Wifi remote control compatibility list      |
|    | Addon technical information            | Wifi remote control compatibility list (DE) |
|   | Declarations of conformity             | SMART Matter Outdoor Beam                   |
|  | Declarations of conformity UKCA        | SMART Matter Outdoor Beam                   |
|  | EU Data Act                            | SMART MATTER Lamps Luminares Plugs          |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854474668 | Folding box<br>1             | 112 mm x 112 mm x 112 mm             | 571.00 g     | 1.40 dm <sup>3</sup> |
| 4099854474675 | Shipping box<br>4            | 240 mm x 130 mm x 252 mm             | 2497.00 g    | 7.86 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)

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