

# PRODUCT DATASHEET

## SMART MATTER Flex 2M RGB Tunable White

SMART+ MATTER Flex | Decorative, extendable LED Strips with Matter technology



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### Areas of application

- Living areas (living rooms, dining rooms, bedrooms etc.)

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### Product benefits

- Uses multi color and cold or warm white light for most flexible lighting scenes

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### Product features

- RGB color control
- Flexible, bendable LED strips

TECHNICAL DATA

Electrical data

|                        |             |
|------------------------|-------------|
| Nominal wattage        | 8.50 W      |
| Nominal voltage        | 220...240 V |
| Type of current        | AC          |
| Nominal current        | 60.000 mA   |
| Power factor $\lambda$ | > 0.4       |

Photometrical data

|                                      |                                    |
|--------------------------------------|------------------------------------|
| Color temperature                    | 2700...6500 K                      |
| Color rendering index Ra             | 80                                 |
| Light color (designation)            | Red / Green / Blue / Tunable White |
| Standard deviation of color matching | < 6 sdcm                           |

Light technical data

|            |       |
|------------|-------|
| Beam angle | 120 ° |
|------------|-------|

Dimensions & Weight



|                |            |
|----------------|------------|
| Length         | 2000.00 mm |
| Width          | 12.00 mm   |
| Height         | 8.00 mm    |
| Product weight | 157.00 g   |

Colors & materials

|               |                                       |
|---------------|---------------------------------------|
| Product color | White                                 |
| Body material | Acrylonitrile butadiene styrene (ABS) |

Capabilities

|                       |       |
|-----------------------|-------|
| Dimmable              | Yes   |
| Lowest bending radius | 30 mm |
| Self-adhesive         | Yes   |

Certificates & Standards

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

|                                        |      |
|----------------------------------------|------|
| Protection class                       | II   |
| Type of protection                     | IP20 |
| Energy class of contained light source | G    |

## LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

## Safety advice

- Do not connect the rope light to the supply while it is wound onto a reel. Do not use the lightstrip when covered or recessed into a surface. The string of lights may not be operated within the packaging. Do not open the lightstrip.

## DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                       |
|------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|
|    | User instruction / safety instructions | SMART MATTER FLEX                   |
|   | Declarations of conformity             | CE Declaration Smart Matter Flex    |
|  | EU Data Act                            | SMART MATTER Lamps Luminaires Plugs |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854373022 | Folding box<br>1             | 56 mm x 126 mm x 127 mm              | 191.00 g     | 0.90 dm <sup>3</sup> |
| 4099854373039 | Shipping box<br>6            | 262 mm x 179 mm x 141 mm             | 1278.00 g    | 6.61 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.

## DISCLAIMER

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