

# PRODUCT DATASHEET

## SMART+ SPOT GU10 RGBW

SMART+ SPOT GU10 RGBW | LED retrofit reflector lamps with smart home technology, light color and color temperature adjustable, PAR16



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### AREAS OF APPLICATION

- General illumination
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Easy to install and use
- Up to 80 % less energy consumption compared to halogen lamps
- Contains no mercury

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### PRODUCT FEATURES

- LED PAR 16 lamp with wireless smart lighting function
- RGB color control, approx. 16 million color options adjustable
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- Dimmable
- Network protocol: ZigBee LL 2.0
- Lifetime: up to 20,000 h
- Controllable via compatible smart home system (gateway and app) or SMART+ Switch
- For full functionality connection to a compatible smart home System (gateway and app) required



**TECHNICAL DATA**

## Electrical data

Operating frequency	50...60 Hz
Rated wattage	5.50 W
Power factor $\lambda$	< 0.50
Nominal wattage	5.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W

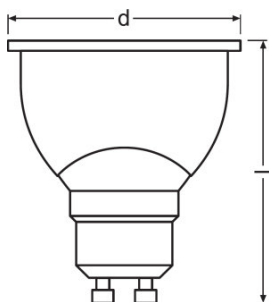
## Photometrical data

Light color (designation)	RGBW
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Adjustable color temperature	2700...6500 K
Rated luminous flux	300 lm
Nominal luminous flux	300 lm
Rated color temperature	2700 K
Color rendering index Ra	>80
Nominal useful luminous flux 90°	350 lm
Rated useful luminous flux 90°	350 lm
Rated peak intensity	105 cd
Nom. useful luminous flux 120°	220 lm
Rated useful luminous flux 120°	220 lm

## Light technical data

Beam angle	120 °
Starting time	< 0.5 s
Light control	RGB color control
Warm-up time (60 %)	< 1.00 s
Nominal beam angle	120 °
Rated beam angle (half peak value)	120.00 °

### Dimensions & weight



<b>Product weight</b>	75.00 g
<b>Outer bulb</b>	PAR51
<b>Length</b>	58.0 mm
<b>Diameter</b>	50.0 mm
<b>Overall length</b>	58.0 mm
<b>Maximum diameter</b>	50.0 mm

### Lifespan

<b>Number of switching cycles</b>	100000
<b>Rated lamp life time</b>	20000 h
<b>Nominal lamp life time</b>	20000 h
<b>Lumen maintenance at end of service life</b>	0.70

### Additional product data

<b>Mercury-free</b>	Yes
<b>Show WEEE picto</b>	Yes
<b>Product remark</b>	All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value/Reset settings to default by switching the product on for five seconds and off for five seconds and repeating this five times.
<b>Base (standard designation)</b>	GU10

### Capabilities

<b>Dimmable</b>	Yes
<b>Compatible smart home technology</b>	ZigBee

### Certificates & standards

<b>Energy efficiency class</b>	A+
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**Energy consumption**

6 kWh/1000h

**EQUIPMENT / ACCESSORIES**

– Control via app requires LIGHTIFY system (app and gateway) or other compatible Smart home system

**LOGISTICAL DATA**

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075032705	SMART+ SPOT GU10 RGBW	Shipping carton box 4	173 mm x 108 mm x 141 mm	2.63 dm <sup>3</sup>	554.00 g

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.