

PRODUCT DATASHEET

ST PAR 16 25 120 ° 4.5 W/2700 K GU10 FR

LED Retrofit RGBW lamps with remote control | Consumer LED RGBW lamps with remote control



Areas of application

- Domestic applications
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Easy installation
- Up to 80 % less energy consumption compared with ordinary light bulbs
- Individual control
- No app or smartphone required to control the lamp
- Comfortable and intuitive infrared remote control
- Switching, dimming in 4 steps and color control with the push of a button
- Color loops for dynamic color changes

Product features

- Lifetime: up to 25,000 h
- Allows for control of colors, saturation and dimming levels
- Wide range of controllable light colors including white
- Four dynamic effects: Flash, Strobe, Smooth, Mode
- Dimmable via remote control



TECHNICAL DATA

Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	36 mA
Type of current	AC
Inrush current	4.6 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	250
Max. lamp no. on circuit break. 16 A (B)	420
Power factor λ	0.40

Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	55 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	120 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	120.00 °

Dimensions & Weight

Overall length	56.00 mm
Diameter	50.00 mm

Maximum diameter	50 mm
Product weight	30.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	80 °C

Lifespan

Lifespan	25000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	GU10
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
Product remark	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

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	G ¹⁾
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / ERP
Photobiological safety group acc. to EN62778	RG0

¹⁾ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	LSPR1625REM4,5W
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Correlated colour temperature type	SINGLE_VALUE
Length	56.00 mm
Height	50.00 mm
Width	50.00 mm
EPREL ID	1403055
Model number	AC24783

DOWNLOAD DATA

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075045750	Blister 1	52 mm x 140 mm x 185 mm	67.00 g	1.35 dm ³
4058075045767	Shipping box 6	322 mm x 154 mm x 201 mm	640.00 g	9.97 dm ³

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.