

PRODUCT DATASHEET

ST PAR 16 RGBW REM 25 120 ° 4.2 W/2700 K GU10 FR

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



Areas of application

- Domestic applications

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	4.2 W
Construction wattage	4.20 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	33 mA
Type of current	AC
Inrush current	3.32 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	180
Max. lamp no. on circuit break. 16 A (B)	226
Total harmonic distortion	153 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	59 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 sdcM
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
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Length	56.00 mm
Width (incl. round luminaires)	50.00 mm
Height (incl. round luminaires)	50.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	28.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	85 °C

Lifespan

Nominal lamp life time	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	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / ERP / EMC / REACH
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LSPR1625REM 4,2
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LOGISTICAL DATA

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

DOWNLOAD DATA

DOWNLOAD DATA	
	PRODUCT DATASHEET LSPR1625REM4,5W/827230VFRGU106XBLI1OSRAM

DISCLAIMER

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