

PRODUCT DATASHEET

ST PAR 16 50 36° 4.3 W/2700K GU10

BELLALUX PAR16 | LED reflector lamps PAR16 with retrofit pin base



AREAS OF APPLICATION

- Shops
- Hospitality
- Museums, art galleries
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Spotlighting for accents
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Instant 100 % light, no warm-up time
- Ideal for economical spotlighting

PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a: \geq 80$
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	4.30 W
Operating frequency	50...60 Hz
Rated wattage	4.30 W
Power factor λ	> 0.40
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Max. lamp no. on circuit break. 10 A (B)	303
Max. lamp no. on circuit break. 16 A (B)	484

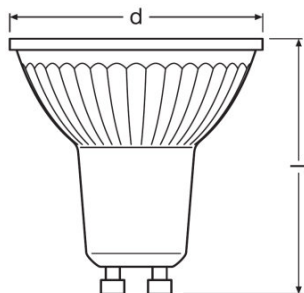
Photometrical data

Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	350 lm
Color rendering index Ra	≥ 80
Luminous intensity [PIM]	850 cd
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	≤ 6 sdc
Rated luminous flux	350 lm
Nominal luminous flux	350 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	720 cd

Light technical data

Beam angle	36 °
Starting time	< 0.5 s
Warm-up time (60 %)	< 0.50 s
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °

Dimensions & weight



Outer bulb	PAR51
Length	55.0 mm
Diameter	51.0 mm
Overall length	55.0 mm
Maximum diameter	51.0 mm

Temperatures & operating conditions

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

Lifespan

Number of switching cycles	100000
Rated lamp life time	15000 h
Nominal lamp life time	15000 h

Additional product data

Base (standard designation)	GU10
Mercury-free	Yes
Show WEEE picto	Yes
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
Mercury content	0.0 mg

Capabilities

Dimmable	No
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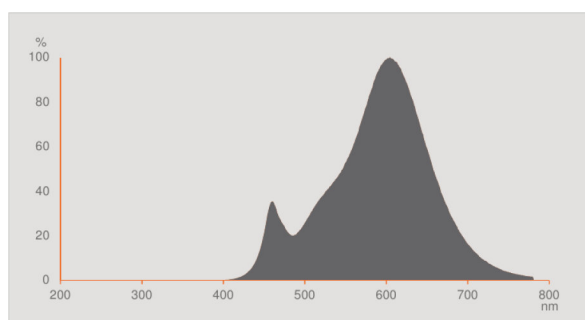
Certificates & standards

Energy efficiency class	A++
Energy consumption	5 kWh/1000h

Country-specific categorizations

ILCOS	DRPAR-4,3/840-220-240-GU10-50/36
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075112780	Folding carton box 1	52 mm x 61 mm x 87 mm	58.00 g	0.28 dm ³
4058075112797	Shipping carton box 10	281 mm x 135 mm x 96 mm	674.00 g	3.64 dm ³
4058075156968	Folding carton box 2	53 mm x 107 mm x 83 mm	108.00 g	0.47 dm ³
4058075156975	Shipping carton box 10	284 mm x 119 mm x 92 mm	581.00 g	3.11 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.