

PRODUCT DATASHEET

ST PAR 16 35 36 ° 2.6 W/2700 K GU10

LED STAR 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
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor use in suitable outdoor luminaires only

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
- Mercury-free lamps



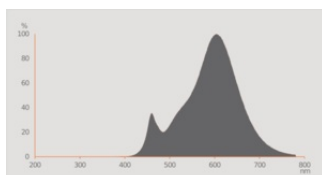
TECHNICAL DATA

Electrical data

Nominal wattage	2.6 W
Construction wattage	2.60 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	35 W
Nominal current	19 mA
Type of current	AC
Inrush current	10.2 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	526
Max. lamp no. on circuit break. 16 A (B)	842
Power factor λ	> 0.40

Photometrical data

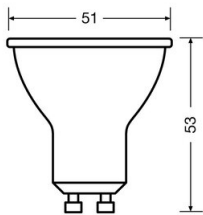
Luminous intensity	450 cd
Luminous flux	230 lm
Nominal useful luminous flux 90°	230 lm
Luminous efficacy	88 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated peak intensity	450 cd
Rated LLMF at 6,000 h	0.80



Light technical data

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

Dimensions & Weight



Overall length	55.00 mm
Diameter	51.00 mm
Maximum diameter	51 mm
Product weight	43.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	70 °C

Lifespan

Lifespan	15000 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

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
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Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F ¹⁾
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
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

ILCOS	DRPAR-2,6/840-220-240-GU10-50/36
Order reference	LSPAR163536 2,6

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Correlated colour temperature type	SINGLE_VALUE
Length	55.00 mm
Height	51.00 mm
Width	51.00 mm
EPREL ID	1402938,1403125,522950,1368221

DOWNLOAD DATA

DOWNLOAD DATA	
	Declarations Of Conformity CE
	zEulumat (archived) - do not use

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899388178	Blister 2	50 mm x 140 mm x 120 mm	101.00 g	0.84 dm ³
4058075260238	Folding box 2	51 mm x 102 mm x 95 mm	91.00 g	0.49 dm ³
4058075452497	Folding box 3	51 mm x 151 mm x 97 mm	128.00 g	0.75 dm ³
4052899958036	Blister 1	50 mm x 140 mm x 120 mm	54.00 g	0.84 dm ³
4052899388192	Blister 3	50 mm x 140 mm x 185 mm	145.00 g	1.30 dm ³
4052899388208	Shipping box 30	506 mm x 148 mm x 199 mm	1505.00 g	14.90 dm ³
4058075617254	Shipping box 6	163 mm x 123 mm x 74 mm	435.00 g	1.48 dm ³
4052899388185	Shipping box 20	290 mm x 254 mm x 134 mm	1174.00 g	9.87 dm ³
4058075617315	Shipping box 6	174 mm x 115 mm x 74 mm	339.00 g	1.48 dm ³
4058075260245	Shipping box 10	276 mm x 115 mm x 74 mm	538.00 g	2.35 dm ³
4058075452503	Shipping box 15	276 mm x 163 mm x 74 mm	755.00 g	3.33 dm ³
4052899958739	Shipping box 10	290 mm x 254 mm x 134 mm	646.00 g	9.87 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.

References / Links

- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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