

PRODUCT DATASHEET

ST PAR 30 115 30 ° 11 W/2700 K E27

LED STAR PAR30 230 V | LED reflector lamps



Areas of application

- Replacement for a 100 W halogen lamp
- Hospitality
- Restaurants
- Commercial applications
- Residential interiors
- Museums, art galleries
- Offices

Product benefits

- Energy savings of up to 90 % (compared to halogen lamps)
- Short pay-off time
- Easy installation
- Fits in existing lighting systems without upgrades or adjustments
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Contains no mercury

Product features

- Base: E27
- Input voltage: 220...240 V_{AC}
- Initial color consistency: < 6 SDCM
- Lifetime up to 25,000 h



TECHNICAL DATA

Electrical data

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	115 W
Nominal current	52 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	> 0.90

Photometrical data

Luminous intensity	2500 cd
Luminous flux	1000 lm
Nominal useful luminous flux 90°	1000 lm
Luminous efficacy	90 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	2500 cd
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	30 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	93.00 mm
Diameter	95.00 mm
Maximum diameter	95 mm
Product weight	133.00 g

Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.80

Additional product data

Base (standard designation)	E27
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

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	A+ ¹⁾
Energy consumption	11.00 kWh/1000h
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	LEDSPAR30115 11
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	93.00 mm
Height	95.00 mm
Width	95.00 mm

DOWNLOAD DATA

Photometric and lighting design files	Document name
 IES file (IES)	LED PAR30-230V11W865P2700D30

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075050891	Folding box 1	99 mm x 99 mm x 140 mm	178.00 g	1.37 dm ³
4058075050907	Shipping box 10	511 mm x 210 mm x 159 mm	2116.00 g	17.06 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.