

## LED STAR PAR16 50 36° 5,5 W/827

LED STAR PAR16 | LED reflector lamps PAR16 with retrofit pin base



### Areas of application

- Spotighting for accents
- Domestic applications
- Spotighting heat-sensitive objects such as food, plants, etc.
- Outdoor use in outdoor luminaires only (minimum IP65)
- Directional light sources
- As a downlight for marking walkways, doors, stairs, etc.
- Atmospheric accent lighting throughout the home

### Product benefits

- Ideal for economical spotighting
- Alternative to line-voltage halogen lamps
- Very low energy consumption
- Extremely long life
- No UV and near-IR radiation in the light beam
- Shockproof and vibration-proof thanks to LED technology
- Efficient generation of white light
- Professional thermal management

### Product features

- LED lamps for line voltage
- Not dimmable
- Made in Europe
- Base: GU10
- Mercury-free lamps
- Lifetime: up to 25,000 h



## Technical data

### Electrical data

Rated wattage	5.50 W
Nominal wattage	5.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.80

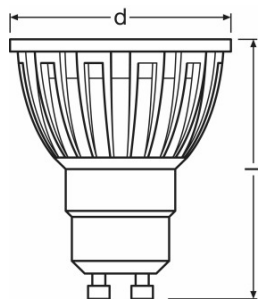
### Photometrical data

Luminous intensity	1000 cd
Nominal luminous flux	350 lm
Rated luminous flux	350 lm
Color temperature	2700 K
Color rendering index Ra	80
Light color (designation)	Warm White
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Nominal useful luminous flux 90°	350 lm
Rated useful luminous flux 90°	350 lm
Rated peak intensity	850 cd

### Light technical data

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

**Dimensions & weight**



<b>Overall length</b>	58.0 mm
<b>Diameter</b>	50.0 mm
<b>Outer bulb</b>	PAR51
<b>Length</b>	58.0 mm
<b>Maximum diameter</b>	50.0 mm

**Lifespan**

<b>Nominal lamp life time</b>	15000 h
<b>Rated lamp life time</b>	15000 h
<b>Number of switching cycles</b>	100000
<b>Lumen main.fact.at end of nom.life time</b>	0.70

**Additional product data**

<b>Base (standard designation)</b>	GU10
<b>Lamp mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Appropriate disposal acc. to WEEE</b>	Yes
<b>Product remark</b>	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**

<b>Dimmable</b>	No
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**Certificates & standards**

## Product datasheet

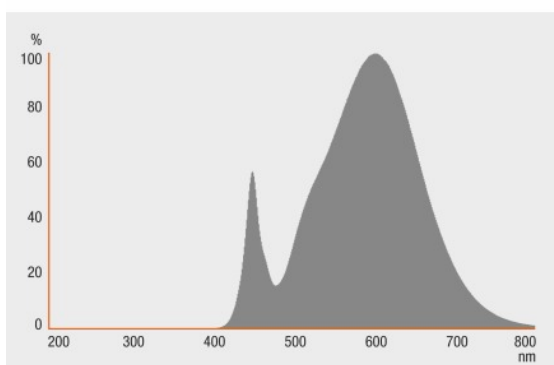
Energy efficiency class	A+
Energy consumption	6 kWh/1000h

### Country specific categorizations

ILCOS	DRPAR-7-100-240-GU10-50/36
Order reference	SPAR1650 5,5W/8

### Light Distribution

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### Spectral power distribution

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899910355	LED STAR PAR16 50 36° 5,5 W/827	Shipping carton box 6	319 mm x 154 mm x 134 mm	6.58 dm <sup>3</sup>	711.00 g

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.

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### References / Links

For further products and actual information concerning LED lamps see

▶ [www.osram.com/ledlamps](http://www.osram.com/ledlamps)

## Product datasheet

For Guarantee see

▶ [www.osram.com/guarantee](http://www.osram.com/guarantee)

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### Disclaimer

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