

# PRODUCT DATASHEET

## ST PAR 16 80 36° 6.9 W/840 GU10

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



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### 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 applications only in suitable luminaires

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### PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- 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

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### PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Mercury-free lamps
- Made in Germany



**TECHNICAL DATA**

## Electrical data

<b>Rated wattage</b>	6.90 W
<b>Nominal wattage</b>	6.90 W
<b>Nominal voltage</b>	220...240 V
<b>Claimed equiv. conventional lamp power</b>	80 W
<b>Operating frequency</b>	50...60 Hz
<b>Power factor <math>\lambda</math></b>	> 0.50

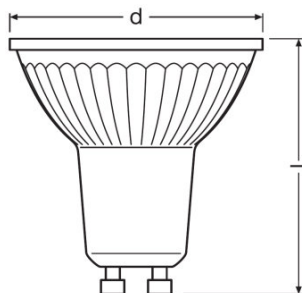
## Photometrical data

<b>Luminous intensity</b>	1439 cd
<b>Nominal luminous flux</b>	575 lm
<b>Rated luminous flux</b>	575 lm
<b>Rated color temperature</b>	4000 K
<b>Color rendering index Ra</b>	$\geq 80$
<b>Lumen main.fact.at end of nom.life time</b>	0.70
<b>Light color (designation)</b>	Cool White
<b>Standard deviation of color matching</b>	$\leq 6$ sdcn
<b>Nominal useful luminous flux 90°</b>	575 lm
<b>Rated useful luminous flux 90°</b>	575 lm
<b>Rated peak intensity</b>	1439 cd

## — Light technical data

<b>Beam angle</b>	36 °
<b>Warm-up time (60 %)</b>	1.00 s
<b>Starting time</b>	< 0.5 s
<b>Nominal beam angle</b>	36 °
<b>Rated beam angle (half peak value)</b>	36.00 °

Dimensions & weight



<b>Overall length</b>	55.0 mm
<b>Diameter</b>	51.0 mm
<b>Outer bulb</b>	PAR51
<b>Length</b>	55.0 mm
<b>Maximum diameter</b>	51.0 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

Additional product data

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

<b>Energy efficiency class</b>	A+
<b>Energy consumption</b>	7 kWh/1000h

Country specific categorizations

<b>ILCOS</b>	DRPAR-6,9/840-220-240-GU10-50/36
<b>Order reference</b>	LSPAR168036 6,9

#### LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075815612	ST PAR 16 80 36° 6.9 W/840 GU10	Shipping carton box 10	290 mm x 254 mm x 134 mm	9.87 dm <sup>3</sup>	843.00 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.

#### REFERENCES / LINKS

For further products and actual information concerning LED lamps see

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

For Guarantee see

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

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