

## PRODUCT DATASHEET

### ST PIN 20 1.9 W/2700 K G9

LED STAR PIN G9 | Special LED lamps



#### Areas of application

- Atmospheric accent lighting throughout the home

#### Product benefits

- Long lifetime of up to 15,000 h
- Very low energy consumption
- Ideal for decorative and free-burning applications
- Three year guarantee

#### Product features

- LED alternative to conventional high voltage lamps
- Mercury-free lamps



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## TECHNICAL DATA

### Electrical data

Nominal wattage	1.9 W
Construction wattage	1.90 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	19 W
Nominal current	17 mA
Inrush current	5.5 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	52
Max. lamp number on MCB B16 A	84
Power factor $\lambda$	0.40

### Photometrical data

Luminous flux	180 lm
Nominal useful luminous flux 90°	180 lm
Luminous efficacy	94 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 LLMF at 6,000 h	0.80

### Light technical data

Beam angle	300 °
Warm-up time (60 %)	· 0.50 s
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	46.00 mm
Diameter	15,0 mm
Maximum diameter	15 mm
Product weight	5.00 g

## Temperatures &amp; operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	88 °C

## Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

## Additional product data

Base (standard designation)	G9
Mercury content	0.0 mg
Mercury-free	Yes

## Capabilities

Dimmable	No
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## Certificates &amp; Standards

Energy efficiency class	A++ <sup>1)</sup>
Energy consumption	2.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

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


## Country-specific categorizations

Order reference	LEDSPIN20 FR 1,
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## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G9
Length	46.00 mm
Height	15,0 mm
Width	15,0 mm
EPREL ID	1498581
Model number	AC12192

## DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	Declaration G9 20 FR, G9 30 FR

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075171398	Blister 1	37 mm x 140 mm x 120 mm	20.00 g	0.62 dm <sup>3</sup>
4058075171404	Shipping box 9	345 mm x 153 mm x 136 mm	311.00 g	7.18 dm <sup>3</sup>

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 Guarantee see [www.osram-lamps.com/guarantee](http://www.osram-lamps.com/guarantee)
- For further products and actual information concerning LED lamps see [www.osram-lamps.com/led-lamps](http://www.osram-lamps.com/led-lamps)

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