

PRODUCT DATASHEET

ST PIN 20 1.9 W/2700 K G9 CL

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



TECHNICAL DATA**Electrical data**

Nominal wattage	1.9 W
Construction wattage	1.90 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	20 W
Nominal current	17 mA
Type of current	AC
Inrush current	5.6 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	13
Max. lamp number on MCB B16 A	21
Total harmonic distortion	< 120 %
Power factor λ	0.40

Photometrical data

Luminous flux	200 lm
Nominal useful luminous flux 90°	200 lm
Luminous efficacy	105 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 & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	85 °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
Design / version	Clear

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	A++ ¹⁾
Energy consumption	2.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / CB
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	DRT/C-1,9/827-220-240-G9-16/46
Order reference	LEDSPIN20 CL 1,

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	1403251
Model number	AC24751

DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	Self-ballasted LED lamp PIN 20,30,40_G9

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075811997	Blister 1	37 mm x 140 mm x 120 mm	20.00 g	0.62 dm ³
4058075812000	Shipping box 9	345 mm x 153 mm x 132 mm	313.00 g	6.97 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 Guarantee see www.osram-lamps.com/guarantee
- For further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps

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