

PRODUCT DATASHEET

PIN 20 1.9 W/2700K G9

LED PIN G9 | LED lamps with retrofit pin base G9



AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Good all-around light emission
- Long lifetime of up to 15,000 h
- Ideal for decorative and free-burning applications
- Three year guarantee

PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

Rated wattage	1.90 W
Nominal wattage	1.90 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	500
Max. lamp no. on circuit break. 16 A (B)	800
Operating frequency	50/60 Hz
Power factor λ	> 0.40
Claimed equiv. conventional lamp power	20 W

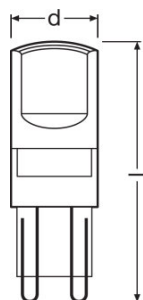
Photometrical data

Nominal luminous flux	200 lm
Rated luminous flux	200 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	200 lm
Color rendering index Ra	80
Standard deviation of color matching	≤ 6 sdc _m
Rated color temperature	2700 K
Color rendering index Ra	80

Light technical data

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

Dimensions & weight



Overall length	46.0 mm
Diameter	15.0 mm
Outer bulb	T15
Length	46.0 mm

Temperatures & operating conditions

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

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service life	0.70

Additional product data

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

Capabilities

Dimmable	No
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Certificates & standards

Energy efficiency class	A++
Energy consumption	2 kWh/1000h

Country-specific categorizations

Order reference	LEDPIN20 CL 1,9
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SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075432307	Folding carton box 1	20 mm x 49 mm x 95 mm	12.00 g	0.09 dm ³

4058075432314	Shipping carton box 10	119 mm x 109 mm x 104 mm	155.00 g	1.35 dm ³
4058075432321	Shipping carton box 80	- x - x -		
4058075449831	Folding carton box 2	20 mm x 49 mm x 95 mm	17.00 g	0.09 dm ³
4058075449848	Shipping carton box 20	119 mm x 109 mm x 104 mm	198.00 g	1.35 dm ³
4058075449855	Shipping carton box 160	- x - x -		

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

DISCLAIMER

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