

PRODUCT DATASHEET

BASE PIN 20 2 W/2700 K G9

LED BASE PIN G9 GLASS | LED lamps, bulb made from glass, with retrofit pin base G9



Areas of application

- Atmospheric accent lighting throughout the home
- Outdoor applications only in suitable luminaires

Product benefits

- Ideal for decorative and free-burning applications
- Good all-around light emission
- Very low energy consumption
- No UV and near-IR radiation in the light beam

Product features

- LED alternative to conventional high voltage lamps
- Lamp made of glass
- Not dimmable



TECHNICAL DATA**Electrical data**

Nominal wattage	2 W
Construction wattage	2.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	20 W
Nominal current	10 mA
Type of current	AC
Inrush current	0.37 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	400
Max. lamp number on MCB B16 A	700
Power factor λ	> 0.70

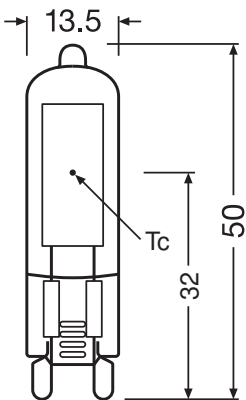
Photometrical data

Luminous flux	200 lm
Nominal useful luminous flux 90°	200 lm
Luminous efficacy	100 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 sdc _m
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	320 °
Warm-up time (60 %)	· 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	50.00 mm
Diameter	13,5 mm
Maximum diameter	14 mm
Product weight	5.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	95 °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 & Standards

Energy efficiency class	A++ ¹⁾
Energy consumption	2.00 kWh/1000h

Type of protection	IP20
Standards	CE / EAC
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

Order reference	LEDBASPIN20 CL
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G9
Length	50.00 mm
Height	13,5 mm
Width	13,5 mm

DOWNLOAD DATA

Documents and certificates	Document name
 Declarations of conformity	EC Declaration of Conformity LED G9 Glass lamps

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075360280	Blister 2	37 mm x 140 mm x 120 mm	22.00 g	0.62 dm ³
4058075360297	Shipping box 18	345 mm x 153 mm x 136 mm	373.00 g	7.18 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 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.