

## PRODUCT DATASHEET BASE PIN 20 1.9 W/2700 K G9 CL

LED BASE PIN G9 | Special LED lamps



### Areas of application

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Foyers, offices
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Low energy consumption
- Ideal for decorative and free-burning applications

### 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	16 mA
Type of current	AC
Inrush current	3.84 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	27
Max. lamp no. on circuit break. 16 A (B)	32
Total harmonic distortion	141 %
Power factor $\lambda$	> 0.40

### Photometrical data

Luminous intensity	not applicable
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
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



### Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

### 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	59 °C

### Lifespan

Lifespan	10000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 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	F 1)
Energy consumption	2.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

**Country-specific categorizations**

ILCOS	DRT/C-1,9/827-220-240-G9-16/46
Order reference	LEDBASEPIN20 CL

**LOGISTICAL DATA**

Temperature range at storage	-20...+80 °C
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**Energy labelling regulation data acc EU 2019/2015**

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	G9
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0.00
Networked standby power for CLS	0 W

Claim of equivalent power	Yes
Length	46.00 mm
Height	15,0 mm
Width	15,0 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.00
LED light source replaces a fluorescent light source	No
EPREL ID	522874,1403251
Model number	AC32109,AC32109,AC32109,AC24751

## DOWNLOAD DATA

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Declarations Of Conformity CE

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075450042	Folding box 3	20 mm x 49 mm x 95 mm	22.00 g	0.09 dm <sup>3</sup>
4058075450059	Shipping box 30	119 mm x 109 mm x 104 mm	255.00 g	1.35 dm <sup>3</sup>
4058075450066	Shipping box 240	256 mm x 236 mm x 237 mm		14.32 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 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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