

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	18 mA
Type of current	AC
Inrush current	5.6 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	13
Max. lamp no. on circuit break. 16 A (B)	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
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	85 °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 / CB
Photobiological safety group acc. to EN62778	RG1

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	LEDBASEPIN20 CL

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G9
Correlated colour temperature type	SINGLE_VALUE
Length	46.00 mm
Height	15,0 mm
Width	15,0 mm
EPREL ID	1403251,522874

DOWNLOAD DATA

DOWNLOAD DATA	
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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 ³
4058075093874	Blister 3	37 mm x 140 mm x 120 mm	27.00 g	0.62 dm ³
4058075093898	Blister 5	37 mm x 140 mm x 120 mm	37.00 g	0.62 dm ³
4058075450059	Shipping box 30	119 mm x 109 mm x 104 mm	255.00 g	1.35 dm ³
4058075093881	Shipping box 27	345 mm x 153 mm x 136 mm	376.00 g	7.18 dm ³
4058075093904	Shipping box 45	345 mm x 153 mm x 136 mm	466.00 g	7.18 dm ³
4058075450066	Shipping box 240	256 mm x 236 mm x 237 mm		14.32 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 dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

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

