

PRODUCT DATASHEET PIN 19 1.9 W/2700 K 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 use in suitable outdoor luminaires only

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





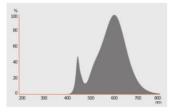
TECHNICAL DATA

Electrical data

Nominal wattage	1.9 W
Construction wattage	1.90 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	19 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)	52
Total harmonic distortion	< 170 %
Power factor λ	> 0.40

Photometrical data

Luminous flux	180 lm
Nominal useful luminous flux 90°	180 lm
Luminous efficacy	94 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4



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	15.00 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	15000 h ¹⁾
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
Rated lamp survival factor at 6,000 h	≥ 0.90

1) L70/B50

Additional product data

Base (standard designation)	G9
Mercury content	0.0 mg
Design / version	Frosted
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Capabilities

Ī	Dimmable	No

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

 $^{1) \ {\}sf Energy \ efficiency \ class \ (EEC) \ on \ a \ scale \ of \ A \ (highest \ efficiency) \ to \ G \ (lowest \ efficiency)}$

Country-specific categorizations

Order reference	LEDPIN19 1,9W/8	
Energy labelling regulation data acc EU 2019/2015		
Lighting technology used	LED	
Non-directional or directional	NDLS	

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
Claim of equivalent power	Yes
Length	46.00 mm
Height	15.00 mm

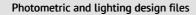
15.00 mm
0,458
0,410
> 0
SPHERE_360
0,9
No
1193604
AC42152

Safety advice

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

DOWNLOAD DATA

	Documents and certificates
PDF	Declarations Of Conformity CE





Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075757943	Folding box 1	20 mm x 49 mm x 95 mm	12.00 g	0.09 dm ³
4058075757950	Shipping box 6	109 mm x 79 mm x 104 mm	103.00 g	0.90 dm ³
4058075776708	Shipping box 48	236 mm x 176 mm x 237 mm	1144.00 g	9.84 dm³

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

DISCLAIMER

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