

PRODUCT DATASHEET

PIN 28 2.6 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

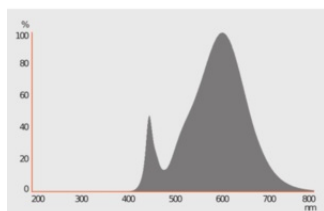


TECHNICAL DATA**Electrical data**

Nominal wattage	2.6 W
Construction wattage	2.60 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	28 W
Nominal current	23 mA
Type of current	AC
Inrush current	3.06 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	41
Max. lamp no. on circuit break. 16 A (B)	32
Total harmonic distortion	141 %
Power factor λ	> 0.40

Photometrical data

Luminous flux	290 lm
Nominal useful luminous flux 90°	290 lm
Luminous efficacy	111 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 sdcn
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
Rated beam angle (half peak value)	300.00 °

Dimensions & Weight

Overall length	47.00 mm
Diameter	15.00 mm
Maximum diameter	15 mm
Product weight	6.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	90 °C

Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.93
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	G9
Mercury content	0.0 mg
Design / version	Frosted

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	E
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	LEDPIN28 2,6W/8
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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 W
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	47.00 mm
Height	15.00 mm
Width	15.00 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	1193605
Model number	AC42153

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
4058075757967	Folding box 1	20 mm x 49 mm x 95 mm	13.00 g	0.09 dm ³
4058075757974	Shipping box 6	109 mm x 79 mm x 104 mm	109.00 g	0.90 dm ³
4058075776715	Shipping box 48	236 mm x 176 mm x 237 mm	1192.00 g	9.84 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 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.

