

PRODUCT DATASHEET BASE PIN 10 0.9 W/2700 K G4 CL

LED BASE PIN G4 12 V | 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 low voltage lamps
- Mercury-free lamps



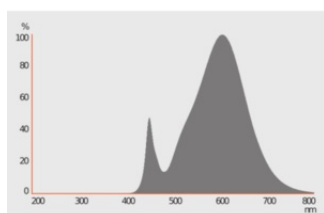
TECHNICAL DATA

Electrical data

Nominal wattage	0.9 W
Construction wattage	0.90 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	10 W
Nominal current	130 mA
Type of current	AC/DC
Inrush current	12.3 A
Max. lamp no. on circuit break. 10 A (B)	48
Max. lamp no. on circuit break. 16 A (B)	61
Total harmonic distortion	< 150 %
Power factor λ	> 0.50

Photometrical data

Luminous intensity	not applicable
Luminous flux	100 lm
Nominal useful luminous flux 90°	100 lm
Luminous efficacy	111 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	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	320.00 °

Dimensions & Weight

Overall length	33.00 mm
Diameter	12 mm
Maximum diameter	12 mm
Product weight	2.6 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)	G4
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	1.00 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-0,9/827-220-240-G4-12/33
Order reference	LEDBASEPIN10 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	NMLS
Light source cap-type (or other electric interface)	G4
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 W
Networked standby power for CLS	0 W
Claim of equivalent power	Yes
Length	33.00 mm
Height	12 mm
Width	12 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	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	522866,1403247
Model number	AC32120,AC32120,AC24746

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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
4058075449985	Folding box 3	20 mm x 49 mm x 95 mm	14.80 g	0.09 dm ³
4058075449992	Shipping box 30	119 mm x 109 mm x 104 mm	168.00 g	1.35 dm ³
4058075450004	Shipping box 240	256 mm x 236 mm x 237 mm	1732.00 g	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 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.