

PRODUCT DATASHEET

P PIN 10 0.9 W/2700 K G4

PARATHOM® LED PIN 12V | Low-voltage 12 V LED lamps with retrofit pin base



Areas of application

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

Product benefits

- Variable use at Direct Current and Alternating Current
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h
- Four year guarantee
- Lower energy consumption than incandescent or halogen lamps

Product features

- Compatible with many common conventional and electronic control gears (see also compatibility list)
- LED alternative to low voltage halogen lamps
- Base: G4, GY6.35



TECHNICAL DATA

Electrical data

Nominal wattage	0.9 W
Construction wattage	0.90 W
Nominal voltage	12 V
Operating mode	12V AC/DC
Claimed equiv. conventional lamp power	10 W
Nominal current	130 mA
Type of current	AC/DC
Inrush current	12.3 A
Max. lamp number on MCB B10 A	48
Max. lamp number on MCB B16 A	61
Total harmonic distortion	< 120 %
Power factor λ	0.50

Photometrical data

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

Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	33.00 mm
Diameter	12 mm
Maximum diameter	12 mm

Product weight	2.6 g
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Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	80 °C

Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 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	A++ ¹⁾
Energy consumption	1.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

ILCOS	DRT/C-0,9/827-220-240-G4-12/33
Order reference	LEDPPIN10 CL 0,

Energy labelling regulation data acc EU 2019/2015


Light source cap-type (or other electric interface)	G4
Length	33.00 mm
Height	12 mm
Width	12 mm

Displacement factor	0.5
EPREL ID	1403247
Model number	AC24746

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	Document name
 Declarations of conformity	EC declaration G4 10, G4 20, G4 30, GY6.35 30

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075811959	Folding box 1	28 mm x 28 mm x 67 mm	7.40 g	0.05 dm ³
4058075811966	Shipping box 20	150 mm x 122 mm x 77 mm	206.00 g	1.41 dm ³
4058075042438	Shipping box 120	256 mm x 160 mm x 248 mm	1371.00 g	10.16 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.ledvance.com/ledlamps
- 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.