PRODUCT DATASHEET
P PIN 50 4.8 W/4000 K G9

PARATHOM® LED PIN G9 | LED lamps with retrofit pin base G9

Areas of application

– Atmospheric accent lighting throughout the home
– Shops, hotels and restaurants
– Outdoor applications only in suitable luminaires

Product benefits

– Good all-around light emission
– Long lifetime of up to 15,000 h
– Four year guarantee

Product features

– LED alternative to conventional high voltage lamps
– Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity

TECHNICAL DATA

Electrical data

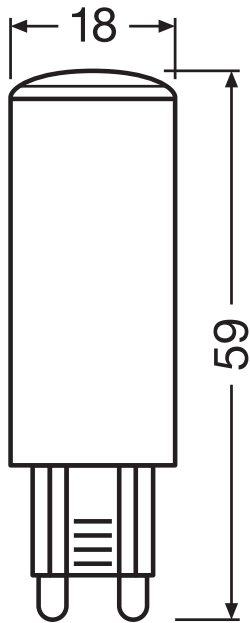|	
Nominal wattage	4.8 W
Construction wattage	4.80 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	48 W
Nominal current	40 mA
Type of current	AC
Inrush current	6.8 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	8
Max. lamp no. on circuit break. 16 A (B)	12
Power factor λ	> 0.40

Photometrical data

Luminous flux	600 lm
Nominal useful luminous flux 90°	600 lm
Luminous efficacy	125 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80

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	59.00 mm
Diameter	18,0 mm
Maximum diameter	18 mm
Product weight	12.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	105 °C

Lifespan

Nominal lamp life time	15000 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

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	A++ [1)]
Energy consumption	5.00 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 E (lowest efficiency)

Country-specific categorizations

Order reference	LEDPPIN50 CL 4,

Energy labellling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	G9
Length	59.00 mm
Height	18,0 mm
Width	18,0 mm

Safety advice

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

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Declarations of conformity EC Declaration of Conformity LED G9 Lamp

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075271890	Folding box 1	28 mm x 28 mm x 67 mm	17.00 g	0.05 dm³
4058075271906	Shipping box 20	150 mm x 122 mm x 77 mm	335.00 g	1.41 dm³
4058075271913	Shipping box 120	256 mm x 160 mm x 248 mm	2145.00 g	10.16 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 further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
– 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.