

# PRODUCT DATASHEET

## P PIN 20 1.9 W/2700 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  $R_a \geq 80$ ; constant chromaticity



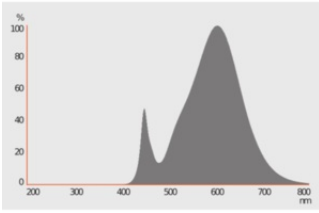
## TECHNICAL DATA

### Electrical data

Nominal wattage	1.9 W
Construction wattage	1.90 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	20 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)	32
Total harmonic distortion	141 %
Power factor $\lambda$	> 0.40

### Photometrical data

Luminous flux	200 lm
Nominal useful luminous flux 90°	200 lm
Luminous efficacy	105 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	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	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	59 °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
Design / version	Clear

**Capabilities**

Dimmable	No
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**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) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

**Country-specific categorizations**

Order reference	LEDPPIN20 CL 1,
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**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	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
Claim of equivalent power	Yes
Length	46.00 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	SPHERE_360
Survival factor	0.90
Displacement factor	0.00
LED light source replaces a fluorescent light source	not applicable
EPREL ID	522874
Model number	AC32109

### 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	
	Declarations of conformity LED PIN 40 NON DIM G9

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075625969	Folding box 1	28 mm x 28 mm x 67 mm	10.00 g	0.05 dm <sup>3</sup>
4058075625976	Shipping box 20	150 mm x 122 mm x 77 mm	236.00 g	1.41 dm <sup>3</sup>
4058075625983	Shipping box 120	256 mm x 160 mm x 248 mm	1551.00 g	10.16 dm <sup>3</sup>

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](http://www.ledvance.com/ledlamps)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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