

## PRODUCT DATASHEET

### LED PIN 50 320° P 4.8W 840 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 use in suitable outdoor luminaires only

#### 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



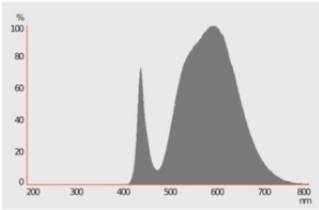
## TECHNICAL DATA

### Electrical data

Nominal wattage	4.8 W
Construction wattage	4.80 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	50 W
Nominal current	40 mA
Type of current	AC
Inrush current	10 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	14
Max. lamp no. on circuit break. 16 A (B)	17
Total harmonic distortion	< 150 %
Power factor $\lambda$	> 0.40

### Photometrical data

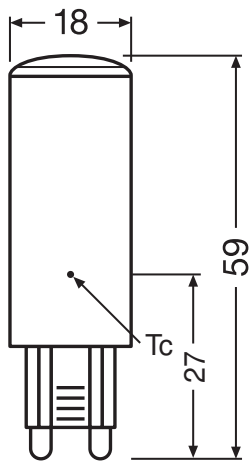
Luminous flux	600 lm
Nominal useful luminous flux 90°	600 lm
Luminous efficacy	125 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000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

### Dimensions & Weight



Overall length	59.00 mm
Diameter	18.00 mm
Maximum diameter	18 mm
Product weight	12.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Maximum temperature at tc test point	92 °C
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### Lifespan

Lifespan L70/B50 at 25 °C	15000 h
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)	G9
Mercury content	0.0 mg
Design / version	Clear

### Capabilities

Dimmable	No
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### Certificates & Standards

Energy efficiency class	E <sup>1)</sup>
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

### Country-specific categorizations

Order reference	LEDPPIN50 CL 4,
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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	59.00 mm
Height	18.00 mm
Width	18.00 mm
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	522869
Model number	AC32122

### 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



Declarations Of Conformity CE

#### Photometric and lighting design files



Spectral power distribution

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075622203	Folding box 1	28 mm x 28 mm x 67 mm	17.00 g	0.05 dm <sup>3</sup>
4058075622210	Shipping box 20	150 mm x 122 mm x 77 mm	376.00 g	1.41 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075622227	Shipping box 120	256 mm x 160 mm x 248 mm	2391.00 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.

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### 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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