

PRODUCT DATASHEET

P PIN 40 3.8 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 use in suitable outdoor luminaires only

Product benefits

- Good all-around light emission
- Long lifetime of up to 15,000 h
- Four year guarantee
- Lower energy consumption than incandescent or halogen lamps

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	3.8 W
Construction wattage	3.80 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	35 mA
Type of current	AC
Inrush current	6.4 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	11
Max. lamp number on MCB B16 A	18
Total harmonic distortion	< 160 %
Power factor λ	0.40

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	123 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

Light technical data

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

Dimensions & Weight

Overall length	58.00 mm
Diameter	20,0 mm

Maximum diameter	20 mm
Product weight	10.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	100 °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)	G9
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	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / CB
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-3,8/840-220-240-G9-20/58
Order reference	LEDPPIN40 3,8W/

Energy labelling regulation data acc EU 2019/2015


Light source cap-type (or other electric interface)	G9
Length	58.00 mm
Height	20,0 mm

Width	20,0 mm
Displacement factor	0.5
EPREL ID	1403255
Model number	AC24755

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	Self-ballasted LED lamp PIN 20,30,40_G9

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075812710	Folding box 1	28 mm x 28 mm x 67 mm	14.00 g	0.05 dm ³
4058075812727	Shipping box 20	150 mm x 122 mm x 77 mm	336.00 g	1.41 dm ³
4058075042513	Shipping box 120	256 mm x 160 mm x 248 mm	2151.00 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.