

PRODUCT DATASHEET

PIN DIM 40 4.4 W/2700 K G9

LED PIN G9 DIM | Dimmable 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
- Very long lifetime of up to 25,000 h
- Ideal for decorative and free-burning applications
- Four year guarantee

Product features

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- LED alternative to conventional high voltage lamps



TECHNICAL DATA

Electrical data

Nominal wattage	4.4 W
Construction wattage	4.40 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	22 mA
Type of current	AC
Inrush current	0.13 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	333
Max. lamp no. on circuit break. 16 A (B)	533
Total harmonic distortion	< 150 %
Power factor λ	> 0.70

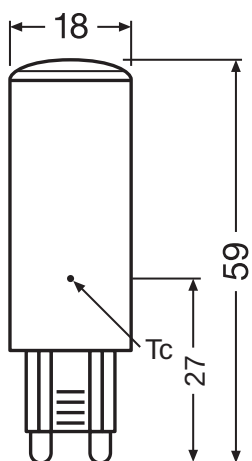
Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	106 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	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
Length	59.00 mm
Width (incl. round luminaires)	18,0 mm
Height (incl. round luminaires)	18,0 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	87 °C

Lifespan

Nominal lamp life time	25000 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
Design / version	Clear

Capabilities

Dimmable	Yes
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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 G (lowest efficiency)

Country-specific categorizations

Order reference	LEDPIN40D 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

Light source cap-type (or other electric interface)	G9
Correlated colour temperature type	SINGLE_VALUE

Safety advice

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075432246	Folding box 1	20 mm x 49 mm x 95 mm	19.00 g	0.09 dm ³
4058075432253	Shipping box 10	119 mm x 109 mm x 104 mm	225.00 g	1.35 dm ³
4058075622920	Shipping box 6	109 mm x 79 mm x 104 mm	139.00 g	0.90 dm ³
4058075432260	SHIPPING BOX FOR 5TH-LEVEL 80	256 mm x 236 mm x 237 mm	2188.00 g	14.32 dm ³
4058075622937	SHIPPING BOX FOR 5TH-LEVEL 48	236 mm x 176 mm x 237 mm	1432.00 g	9.84 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 Guarantee see www.osram-lamps.com/guarantee
 - For further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps
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DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.