

# PRODUCT FAMILY DATASHEET

## LED PIN G9

LED lamps with retrofit pin base G9



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

- Good all-around light emission
- Long lifetime of up to 15,000 h
- Ideal for decorative and free-burning applications
- Three year guarantee

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### PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index  $R_a: \geq 80$ ; constant chromaticity



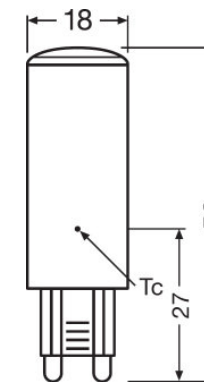
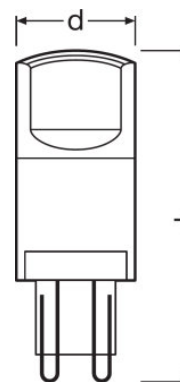
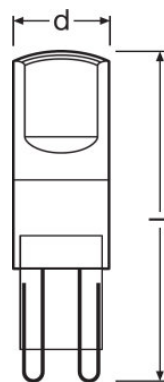
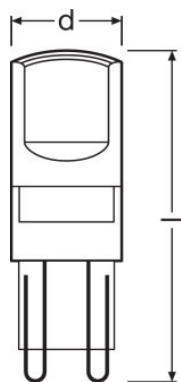
TECHNICAL DATA

Product description	Electrical data				Photometrical data				
	Nominal wattage	Nominal voltage	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Nominal luminous flux	Rated luminous flux	Lumen main.fact.at end of nom.life time	Light color (designation)	Color temperature
PIN 20 1.9 W/2700K G9	1.90 W	220...240 V	500	800	200 lm	200 lm	0.70	Warm White	2700 K
PIN 30 2.6 W/2700K G9	2.60 W	220...240 V	340	550	320 lm	320 lm	0.70	Warm White	2700 K
PIN 30 2.6 W/4000K G9	2.60 W	220...240 V	340	550	320 lm	320 lm	0.70	Cool White	4000 K
PIN 40 3.8 W/2700K G9	3.80 W	220...240 V	220	350	470 lm	470 lm	0.70	Warm White	2700 K
PIN 40 3.8 W/4000K G9	3.80 W	220...240 V	220	350	470 lm	470 lm	0.70	Cool White	4000 K
PIN 48 4.8 W/2700K G9	4.80 W	220...240 V	25	41	600 lm	600 lm	0.70	Warm White	2700 K
PIN 48 4.8 W/4000K G9	4.80 W	220...240 V	25	41	600 lm	600 lm	0.70	Cool White	4000 K

Product description	Light technical data		Dimensions & weight		Temperatures & operating conditions		Lifespan		
	Luminous flux	Color rendering index Ra	Warm-up time (60 %)	Beam angle	Overall length	Diameter	Ambient temperature range	Nominal lamp life time	Number of switching cycles
PIN 20 1.9 W/2700K G9	200 lm	80	< 0.50 s	300 °	46.0 mm	15.0 mm	-20...+40 °C	15000 h	100000
PIN 30 2.6 W/2700K G9	320 lm	80	< 0.50 s	300 °	52.0 mm	15.0 mm	-20...+40 °C	15000 h	100000
PIN 30 2.6 W/4000K G9	320 lm	80	< 0.50 s	300 °	52.0 mm	15.0 mm	-20...+40 °C	15000 h	100000
PIN 40 3.8 W/2700K G9	470 lm	80	< 0.50 s	300 °	58.0 mm	20.0 mm	-20...+40 °C	15000 h	100000
PIN 40 3.8 W/4000K G9	470 lm	80	< 0.50 s	300 °	58.0 mm	20.0 mm	-20...+40 °C	15000 h	100000
PIN 48 4.8 W/2700K G9	600 lm	≥80	< 0.50 s	320 °	59.0 mm	18.0 mm	-20...+40 °C	15000 h	100000
PIN 48 4.8 W/4000K G9	600 lm	≥80	< 0.50 s	320 °	59.0 mm	18.0 mm	-20...+40 °C	15000 h	100000

Product description	Additional product data			Capabilities	Certificates & standards	
	Base (standard designation)	Mercury content	Mercury-free	Dimmable	Energy efficiency class	Energy consumption
PIN 20 1.9 W/2700K G9	G9	0.0 mg	Yes	No	A++	2 kWh/1000h
PIN 30 2.6 W/2700K G9	G9	0.0 mg	Yes	No	A++	3 kWh/1000h
PIN 30 2.6 W/4000K G9	G9	0.0 mg	Yes	No	A++	3 kWh/1000h

Product description	Additional product data			Capabilities	Certificates & standards	
	Base (standard designation)	Mercury content	Mercury-free	Dimmable	Energy efficiency class	Energy consumption
PIN 40 3.8 W/2700K G9	G9	0.0 mg	Yes	No	A++	4 kWh/1000h
PIN 40 3.8 W/4000K G9	G9	0.0 mg	Yes	No	A++	4 kWh/1000h
PIN 48 4.8 W/2700K G9	G9	0.0 mg	Yes	No	A++	5 kWh/1000h
PIN 48 4.8 W/4000K G9	G9	0.0 mg	Yes	No	A++	5 kWh/1000h



PIN 20 1.9 W/2700K G9

PIN 30 2.6 W/2700K G9, PIN 30 2.6 W/4000K G9

PIN 40 3.8 W/2700K G9, PIN 40 3.8 W/4000K G9

PIN 48 4.8 W/2700K G9, PIN 48 4.8 W/4000K G9

**SAFETY ADVICE**

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

**APPLICATION ADVICE**

For more detailed application information and graphics please see product datasheet.

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075432314	Shipping carton box 10	119 mm x 109 mm x 104 mm	155.00 g	1.35 dm <sup>3</sup>
4058075449848	Shipping carton box 20	119 mm x 109 mm x 104 mm	198.00 g	1.35 dm <sup>3</sup>
4058075432345	Shipping carton box 10	119 mm x 109 mm x 104 mm	167.00 g	1.35 dm <sup>3</sup>
4058075449879	Shipping carton box 20	119 mm x 109 mm x 104 mm	225.00 g	1.35 dm <sup>3</sup>
4058075432376	Shipping carton box 10	119 mm x 109 mm x 104 mm	161.00 g	1.35 dm <sup>3</sup>
4058075432406	Shipping carton box 10	119 mm x 109 mm x 104 mm	195.00 g	1.35 dm <sup>3</sup>
4058075449909	Shipping carton box 20	119 mm x 109 mm x 104 mm	297.00 g	1.35 dm <sup>3</sup>
4058075432437	Shipping carton box 10	119 mm x 109 mm x 104 mm	196.00 g	1.35 dm <sup>3</sup>
4058075432468	Shipping carton box 10	119 mm x 109 mm x 104 mm	225.00 g	1.35 dm <sup>3</sup>
4058075432499	Shipping carton box 10	119 mm x 109 mm x 104 mm	225.00 g	1.35 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 Guarantee see

- ▶ [www.osram-lamps.com/guarantee](http://www.osram-lamps.com/guarantee)

For further products and actual information concerning LED lamps see

- ▶ [www.osram-lamps.com/led-lamps](http://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.