

# PRODUCT DATASHEET

## HALOPIN PRO 20 W 230 V G9

HALOPIN PRO | Halogen lamps with G9 base



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### AREAS OF APPLICATION

- General illumination
- Workplace lighting
- Lighting for reading
- Dining table lighting
- Mirror lighting
- Accent lighting
- Mood lighting

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### PRODUCT BENEFITS

- Brilliant accent lighting
- Incredibly small dimensions for revolutionary new luminaire designs
- Robust filament design thanks to innovative, unique bulb pinch technology
- Approved for use in open luminaires (to IEC 60598-1)
- UV filter
- Complies with IEC 60432-2 thanks to integrated fuse function
- Lower thermal output (compared with the standard reference product)
- The lamp shuts down reliably
- Contains no mercury

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### PRODUCT FEATURES

- Average life: 2,000 h
- Dimmable
- Color rendering index  $R_a$  : 100

**TECHNICAL DATA**

Electrical data

Nominal wattage	20.00 W
Nominal voltage	230.0 V
Rated wattage	20.00 W
Power factor λ	1.00
Claimed equiv. conventional lamp power	25 W

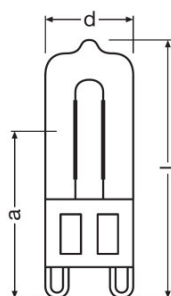
Photometrical data

Nominal luminous flux	235 lm
Rated color temperature	2700 K
Light color (designation)	Warm White
Rated luminous flux	235 lm
Color rendering index Ra	100
Lumen main.fact.at end of nom.life time	0.80

Light technical data

Starting time	0.0 s
Warm-up time (60 %)	0.00 s

Dimensions & weight



Diameter	14.0 mm
Length	43.0 mm
Light center length (LCL)	22.0 mm
Overall length	43.0 mm
Outer bulb	T13,3
Maximum diameter	14.0 mm

Lifespan

<b>Nominal lamp life time</b>	2000 h
<b>Rated lamp life time</b>	2000 h
<b>Number of switching cycles</b>	50000

Additional product data

<b>Base (standard designation)</b>	G9
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes

Capabilities

<b>Burning position</b>	Any
<b>Dimmable</b>	Yes

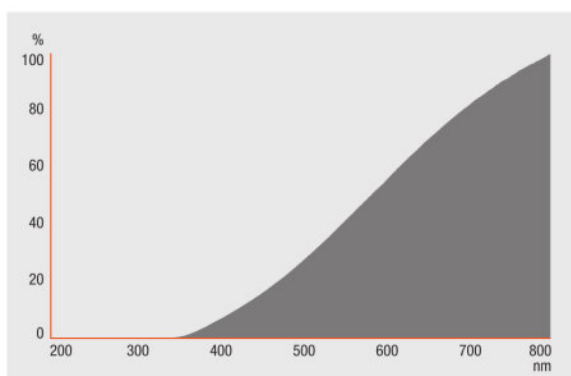
Certificates & standards

<b>Energy efficiency class</b>	D
<b>Energy consumption</b>	20 kWh/1000h

Country specific categorizations

<b>ILCOS</b>	HSGST/C/UB-20-230-G9-22
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321945273	HALOPIN PRO 20 W 230 V G9	Shipping carton box 20	144 mm x 55 mm x 118 mm	0.93 dm <sup>3</sup>	126.00 g
4008321945273	HALOPIN PRO 20 W 230 V G9	Shipping carton box 200	485 mm x 137 mm x 154 mm	10.23 dm <sup>3</sup>	954.00 g

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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#### DISCLAIMER

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