

## PRODUCT DATASHEET

### HALOPIN PRO 20 W 230 V G9

HALOPIN® PRO | Halogen lamps with G9 base



#### Areas of application

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

#### 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

#### Product features

- Average life: 2,000 h



- Dimmable
- Color rendering index  $R_a$ : 100

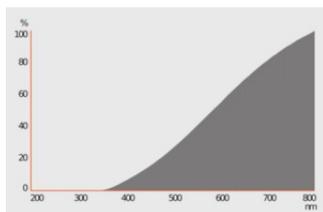
## TECHNICAL DATA

### Electrical data

Nominal wattage	20 W
Construction wattage	20.00 W
Nominal voltage	230 V
Claimed equiv. conventional lamp power	25 W

### Photometrical data

Luminous flux	235 lm
Luminous efficacy	11 lm/W
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	100
Light color	1027



349631\_HAL\_HV\_UVS

### Light technical data

Starting time	0.0 s
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### Dimensions & Weight

Overall length	43.00 mm
Light center length (LCL)	22,0 mm
Diameter	14.00 mm
Product weight	2.9 g

### Lifespan

Number of switching cycles	50000
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### Additional product data

Base (standard designation)	G9
Mercury-free	Yes
Design / version	Tube

### Capabilities

Dimmable	Yes
Burning position	Any

### Certificates & Standards

Energy efficiency class	G
Energy consumption	20.00 kWh/1000h

### Country-specific categorizations

ILCOS	HSGST/C/UB-20-230-G9-22
Order reference	66720 ECO

### Energy labelling regulation data acc EU 2019/2015

Lighting technology used	OTHER
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
Claim of equivalent power	No
Length	43.00 mm
Height	14.00 mm
Width	14.00 mm
Chromaticity coordinate x	0.460
Chromaticity coordinate y	0.411
Beam angle correspondence	SPHERE_360
EPREL ID	714449
Model number	AC35304

**Safety advice**

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.
- Lamp to be used only in a closed luminaire.

**DOWNLOAD DATA**

Documents and certificates		Document name
	Declarations of conformity	HAL G9

Photometric and lighting design files		Document name
	Spectral power distribution	349631_HAL_HV_UVS

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321945273	Folding box 1	70 mm x 23 mm x 25 mm	6.00 g	0.04 dm <sup>3</sup>
4052899262553	Bundle 10			
4058075308183	Bundle 2	23 mm x 50 mm x 70 mm	10.00 g	0.08 dm <sup>3</sup>
4052899262560	Shipping box 200	485 mm x 137 mm x 154 mm	1195.00 g	10.23 dm <sup>3</sup>
4058075308190	Shipping box 16	192 mm x 59 mm x 80 mm	122.00 g	0.91 dm <sup>3</sup>
4008321945280	Shipping box 20	144 mm x 55 mm x 118 mm	126.00 g	0.93 dm <sup>3</sup>
4058075308206	Shipping box 192	366 mm x 201 mm x 176 mm	1630.00 g	12.95 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.

**DISCLAIMER**

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