# PRODUCT DATASHEET
# HALOPIN 60 W 230 V G9

## HALOPIN® Standard | 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 light
– 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)
– Simple handling thanks to G9 plug-in base/holder system
– No transformer required
– UV filter
– Complies with IEC 60432-3 thanks to integrated fuse function
– The lamp shuts down reliably
– Contains no mercury

## Product features

– Average life: 2,000 h
– Dimmable
– Color rendering index $R_a$: 100
– Design: two lengths 43 mm (short), 51 mm (long)

– Base: G9
– Color temperature: 2,700 K

# TECHNICAL DATA

## Electrical data

| | |
|---|---|
| Nominal wattage | 60 W |
| Construction wattage | 60.00 W |
| Nominal voltage | 230 V |
| Power factor λ | 1.00 |

## Photometrical data

| | |
|---|---|
| Luminous flux | 820 lm |
| Luminous efficacy | 13 lm/W |
| Lumen main.fact.at end of nom.life time | 0.85 |
| Light color (designation) | Warm White |
| Color temperature | 2800 K |
| Color rendering index Ra | 100 |
| Light color | 1028 |

## Light technical data

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

## Dimensions & Weight

| | |
|---|---|
| Overall length | 46.00 mm |
| Light center length (LCL) | 26,5 mm |
| Diameter | 14.00 mm |
| Maximum diameter | 14 mm |
| Product weight | 3.14 g |

## Lifespan

| | |
|---|---|
| Number of switching cycles | 1000000 |

## Additional product data

| | |
|---|---|
| Base (standard designation) | G9 |
| Mercury content | 0.0 mg |
| Mercury-free | Yes |
| Design / version | Tube |
| Product remark | Banned from 1.9.2010 as per EU phase-out plan |

## Capabilities

| | |
|---|---|
| Dimmable | Yes |
| Burning position | Any |

## Country-specific categorizations

| | |
|---|---|
| ILCOS | HSGST/C/UB-60-230-G9-26,5 |
| Order reference | 66660 60W 230V |

## Energy labelling regulation data acc EU 2019/2015

| | |
|---|---|
| Light source cap-type (or other electric interface) | G9 |
| Length | 51.00 mm |
| Height | 14.00 mm |
| Width | 14.00 mm |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4008321626875 | Folding box 1 | 25 mm x 23 mm x 70 mm | 5.15 g | 0.04 dm$^3$ |
| 4008321626882 | Shipping box 20 | 144 mm x 55 mm x 118 mm | 142.00 g | 0.93 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.

## DISCLAIMER

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