

## 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 |
|---------------|-------|

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 |
|----------------------------|-------|

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<br>1             | 70 mm x 23 mm x 25 mm                | 6.00 g       | 0.04 dm <sup>3</sup>  |
| 4052899262553 | Bundle<br>10                 |                                      |              |                       |
| 4058075308183 | Bundle<br>2                  | 23 mm x 50 mm x 70 mm                | 10.00 g      | 0.08 dm <sup>3</sup>  |
| 4058075308190 | Shipping box<br>16           | 192 mm x 59 mm x 80 mm               | 122.00 g     | 0.91 dm <sup>3</sup>  |
| 4008321945280 | Shipping box<br>20           | 144 mm x 55 mm x 118 mm              | 126.00 g     | 0.93 dm <sup>3</sup>  |
| 4052899262560 | Shipping box<br>200          | 485 mm x 137 mm x 154 mm             | 1195.00 g    | 10.23 dm <sup>3</sup> |
| 4058075308206 | Shipping box<br>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.