

## HNS S 7 W G23

PURITEC HNS UV-C | UV-C lamps for purification



### Areas of application

- Efficient disinfecting of air, water and surfaces

### Product family benefits

- Effective and environment-friendly disinfection without chemicals
- Low mercury content
- Long lifetime due to specific coating
- Ozone-free

### Product family features

- Dominant wavelength: 254 nm (OFR version)



# Product datasheet

## Technical data

### Product information

|                 |                 |
|-----------------|-----------------|
| Order reference | GCF7DSG23SEOF 1 |
|-----------------|-----------------|

### Electrical data

|                      |         |
|----------------------|---------|
| Nominal voltage      | 46.0 V  |
| Lamp voltage         | 46 V    |
| Construction voltage | 46.00 V |
| Nominal current      | 018 A   |
| Lamp current         | 0.18 A  |
| Nominal wattage      | 7.00 W  |

### Photometrical data

|                                   |         |
|-----------------------------------|---------|
| Luminous intensity                | 7800 cd |
| Radiated power 200...280 nm (UVC) | 1.8 W   |

### Dimensions & weight



|          |          |
|----------|----------|
| Diameter | 28.0 mm  |
| Length   | 135.5 mm |

### Lifespan

|          |        |
|----------|--------|
| Lifespan | 8000 h |
|----------|--------|

### Additional product data

|                             |  |
|-----------------------------|--|
| Base (standard designation) | G23  |
| Product remark              | UV irradiance 253.7 nm measured at a distance of 1 m at mid-lamp level, at 20 ° C ambient temperature, free-burning. Between 0.3...3.0 m, the irradiance is inversely proportional to the square of the distance |

## Product datasheet

### Capabilities

|                  |     |
|------------------|-----|
| Burning position | Any |
|------------------|-----|

### Country specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | GCF7DSG23SEOF 1 |
|-----------------|-----------------|

### Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |  |
|---|--|
| Date of Declaration   | 05-03-2024   |
| Primary Article Identifier  | 4050300941202   4008321516237  |
| Candidate List Substance 1  | Lead   |
| CAS No. of substance 1  | 7439-92-1  |
| Safe Use Instruction  | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Declaration No. in SCIP database                                      | 670ca33b-59b5-48a3-9280-3d81dad7cb7d   |

### Country specific information

| Product code  | METEL-Code | SEG number | STK number | UK Org |
|---------------|------------|------------|------------|--------|
| 4050300941202 | -          | 8333710    | 4933107    | -      |
| 4050300941202 | -          | 8333710    | 4933107    | -      |

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### Safety advice

PURITEC germicidal lamps emit high-intensity UV radiation that can cause sunburn and conjunctivitis. The skin and eyes must therefore not be exposed to direct or reflected unfiltered radiation.

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### Logistical Data

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4050300941202 | HNS S 7 W G23       | Folding carton box<br>1      | 36 mm x 23 mm x<br>139 mm            | 0.12 dm <sup>3</sup> | 31.00 g      |
| 4008321244383 | HNS S 7 W G23       | Shipping carton box<br>10    | 151 mm x 81 mm x<br>126 mm           | 1.54 dm <sup>3</sup> | 379.00 g     |

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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.

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