

PURITEC HNS UV-C

UV-C lamps for purification



Areas of application

- Efficient disinfecting of air, water and surfaces

Product family benefits

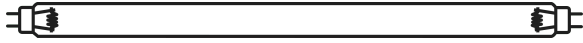
- Effective and environment-friendly disinfection without chemicals
- Low mercury content
- Long lifetime due to specific coating
- Ozone-free

Product family features

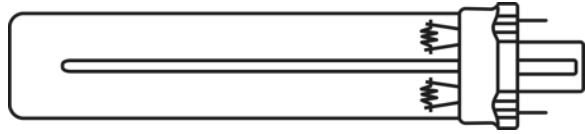
- Dominant wavelength: 254 nm (OFR version)



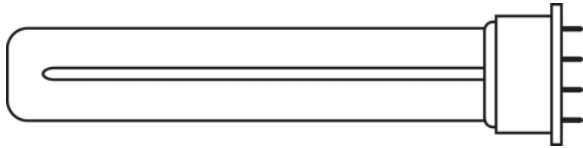
Product family datasheet



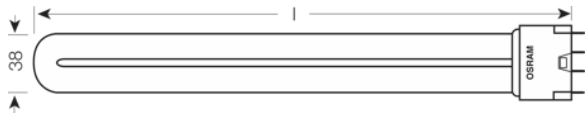
325768_HNS 455



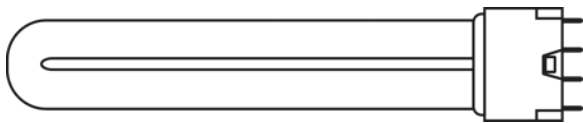
325771_HNS S



325770_HNS SE



325716_HNS L 18W 2G11



325769_HNS L

Product family datasheet

Technical data

| Product description | Product information | Electrical data | | | | Photometrical data |
|------------------------------|---------------------|-----------------|--------------|----------------------|-----------------|--------------------|
| | Order reference | Nominal voltage | Lamp voltage | Construction voltage | Nominal wattage | Luminous intensity |
| HNS 4 W G5 | HNS 4W G5 | 29.0 V | 29 V | 29.00 V | 4.00 W | 7800 cd |
| HNS S 5 W G23 ¹⁾ | HNS S 5W 35V G2 | 35.0 V | 35 V | 35.00 V | 5.00 W | 7800 cd |
| HNS 6 W G5 | HNS 6W G5 | 42.0 V | 42 V | 42.00 V | 6.00 W | 7800 cd |
| HNS S/E 7 W 2G7 | HNS S/E 7W 37V | 37.0 V | 37 V | 37.00 V | 6.50 W | 7800 cd |
| HNS S 7 W G23 ¹⁾ | GCF7DSG2 3SEOF 1 | 46.0 V | 46 V | 46.00 V | 7.00 W | 7800 cd |
| HNS 8W G5 G5 | HNS 8W 56V G5 | 56.0 V | 56 V | 56.00 V | 7.00 W | 7800 cd |
| HNS S/E 9 W 2G7 | HNS S/E 9W 48V | 48.0 V | 60 V | 48.00 V | 8.00 W | 7800 cd |
| HNS S 9 W G23 ¹⁾ | GCF9DSG2 3SEOF 1 | 60.0 V | 60 V | 60.00 V | 9.00 W | 7800 cd |
| HNS 11 W G5 | HNS 11W G5 | 33.0 V | | 33.00 V | 11.00 W | 7800 cd |
| HNS S/E 11 W 2G7 | HNS S/E 11W 75V | 75.0 V | 75 V | 75.00 V | 11.00 W | 7800 cd |
| HNS S 11 W G23 ¹⁾ | GCF11DSG 23SEOF | 91.0 V | 91 V | 91.00 V | 11.00 W | 7800 cd |
| HNS S 13 W GX23 | HNS S 13W 59V G | | 95 V | | 13.40 W | 7800 cd |
| HNS 15 W G13 | HNS 15W G13 | 55.0 V | 55 V | 55.00 V | 15.00 W | 7800 cd |
| HNS 16 W G5 | HNS 16W G5 | 43.0 V | 75 V | 43.00 V | 16.00 W | 7800 cd |
| HNS L 18 W 2G11 | HNS-L 18W 58V 2 | 58.0 V | 58 V | 58.00 V | 18.00 W | 7800 cd |
| HNS L 24 W 2G11 | HNS-L 24W 87V 2 | 87.0 V | 87 V | 87.00 V | 24.00 W | 7800 cd |
| HNS 25 W G13 | HNS 25W G13 | 46.0 V | 46 V | 46.00 V | 25.00 W | 7800 cd |
| HNS 30 W G13 | HNS 30W G13 | 96.0 V | 96 V | 96.00 V | 30.00 W | 7800 cd |
| HNS 36 W G13 | HNS 36W G13 | 103 V | 103 V | 103.00 V | 36.00 W | 7800 cd |
| HNS L 36 W 2G11 | HNS-L 36W 106V | 106 V | 106 V | 106.00 V | 36.00 W | 7800 cd |
| HNS 55 W G13 | HNS 55W 83V G13 | 83.0 V | 83 V | 83.00 V | 55.00 W | 7800 cd |
| HNS L 55 W 2G11 | HNS-L 55W 101V | 101 V | 101 V | 101.00 V | 55.00 W | 7800 cd |
| HNS L 60 W 2G11 | HNS-L 60W 82V 2 | 82.0 V | 82 V | 82.00 V | 60.00 W | 7800 cd |

Product family datasheet

| Product description | Product information | Electrical data | | | | Photometrical data |
|---------------------|---------------------|-----------------|--------------|----------------------|-----------------|--------------------|
| | Order reference | Nominal voltage | Lamp voltage | Construction voltage | Nominal wattage | Luminous intensity |
| HNS L 95 W 2G11 | HNS-L 95W 115V | 115 V | 115 V | 115.00 V | 95.00 W | 7800 cd |

| Product description | Radiated power 200...280 nm (UVC) | Dimensions & weight | | Lifespan | Additional product data |
|------------------------------|-----------------------------------|---------------------|----------|----------|-----------------------------|
| | | Diameter | Length | Lifespan | Base (standard designation) |
| HNS 4 W G5 | 0.9 W | 16.0 mm | 136.0 mm | 6000 h | G5 |
| HNS S 5 W G23 ¹⁾ | 1.3 W | 28.0 mm | 108.0 mm | 8000 h | G23 |
| HNS 6 W G5 | 1.7 W | 16.0 mm | 212.0 mm | 9000 h | G5 |
| HNS S/E 7 W 2G7 | 1.9 W | 28.0 mm | 112.0 mm | 8000 h | 2G7 |
| HNS S 7 W G23 ¹⁾ | 1.8 W | 28.0 mm | 135.5 mm | 8000 h | G23 |
| HNS 8W G5 G5 | 2.0 W | 16.0 mm | 288.0 mm | 9000 h | G5 |
| HNS S/E 9 W 2G7 | 2.5 W | 28.0 mm | 142.0 mm | 8000 h | 2G7 |
| HNS S 9 W G23 ¹⁾ | 2.5 W | 28.0 mm | 165.5 mm | 8000 h | G23 |
| HNS 11 W G5 | 2.5 W | 16.0 mm | 212.0 mm | 9000 h | G5 |
| HNS S/E 11 W 2G7 | 3.6 W | 28.0 mm | 212.0 mm | 8000 h | 2G7 |
| HNS S 11 W G23 ¹⁾ | 3.0 W | 28.0 mm | 235.5 mm | 8000 h | G23 |
| HNS S 13 W GX23 | 3.4 W | 28.0 mm | 179.0 mm | 8000 h | GX23 |
| HNS 15 W G13 | 4.9 W | 26.0 mm | 438.0 mm | 9000 h | G13 |
| HNS 16 W G5 | 4.0 W | 16.0 mm | 288.0 mm | 9000 h | G5 |
| HNS L 18 W 2G11 | 5.5 W | 40.0 mm | 214.0 mm | 9000 h | 2G11 |
| HNS L 24 W 2G11 | 7.3 W | 40.0 mm | 314.5 mm | 9000 h | 2G11 |
| HNS 25 W G13 | 6.9 W | 26.0 mm | 438.0 mm | 9000 h | G13 |
| HNS 30 W G13 | 12 W | 26.0 mm | 895.0 mm | 9000 h | G13 |
| HNS 36 W G13 | 15 W | 26.0 mm | 1200 mm | 9000 h | G13 |
| HNS L 36 W 2G11 | 10.8 W | 40.0 mm | 408.0 mm | 9000 h | 2G11 |
| HNS 55 W G13 | 18.0 W | 26.0 mm | 895.0 mm | 9000 h | G13 |
| HNS L 55 W 2G11 | 17 W | 40.0 mm | 533.0 mm | 9000 h | 2G11 |
| HNS L 60 W 2G11 | 19 W | 40.0 mm | 408.0 mm | 9000 h | 2G11 |
| HNS L 95 W 2G11 | 27 W | 40.0 mm | 533.0 mm | 9000 h | 2G11 |

| Product description | Capabilities | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|-----------------------------|------------------|--|---|----------------------------|
| | Burning position | Date of Declaration | Primary Article Identifier | Candidate List Substance 1 |
| HNS 4 W G5 | Any | 05-03-2024 | 4008321378316 4008321473530 4062172394543 | Lead |
| HNS S 5 W G23 ¹⁾ | Any | 05-03-2024 | 4008321229946 4008321516251 | Lead |

Product family datasheet

| Product description | Capabilities | Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | | |
|------------------------------|------------------|---|--|----------------------------|
| | Burning position | Date of Declaration | Primary Article Identifier | Candidate List Substance 1 |
| HNS 6 W G5 | Any | 05-03-2024 | 4008321378330 4008321472052 4062172394574 | Lead |
| HNS S/E 7 W 2G7 | Any | 05-03-2024 | 4008321383891 | Lead |
| HNS S 7 W G23 ¹⁾ | Any | 05-03-2024 | 4050300941202 4008321516237 | Lead |
| HNS 8W G5 G5 | Any | 06-03-2024 | 4008321378385 4008321484901 4062172394604 | Lead |
| HNS S/E 9 W 2G7 | Any | 05-03-2024 | 4008321384911 | Lead |
| HNS S 9 W G23 ¹⁾ | Any | 05-03-2024 | 4050300941226 4008321516244 | Lead |
| HNS 11 W G5 | Any | 06-03-2024 | 4008321468796 4006584926510 4052899984554 4062172394659 | Lead |
| HNS S/E 11 W 2G7 | Any | 05-03-2024 | 4008321384935 | Lead |
| HNS S 11 W G23 ¹⁾ | Any | 05-03-2024 | 4050300941240 4008321516268 | Lead |
| HNS S 13 W GX23 | Any | 06-03-2024 | 4052899040410 | Lead |
| HNS 15 W G13 | Any | 06-03-2024 | 4008321398826 4008321770240 4008321770271 | Lead |
| HNS 16 W G5 | Any | 05-03-2024 | 4008321620774 4062172394680 | Lead |
| HNS L 18 W 2G11 | s180 | 05-03-2024 | 4008321220431 4008321516183 | Lead |
| HNS L 24 W 2G11 | s180 | 05-03-2024 | 4008321220561 4008321516176 | Lead |
| HNS 25 W G13 | Any | 06-03-2024 | 4008321398857 4052899083905 4052899083851 4052899469594 | Lead |
| HNS 30 W G13 | Any | 06-03-2024 | 4008321398888 4008321770301 | Lead |
| HNS 36 W G13 | Any | 06-03-2024 | 4008321679482 4052899084049 4052899084018 4052899589872 | Lead |
| HNS L 36 W 2G11 | s180 | 05-03-2024 | 4008321220684 4008321515773 | Lead |
| HNS 55 W G13 | Any | 06-03-2024 | 4052899083981 4052899083936 | Lead |
| HNS L 55 W 2G11 | s180 | 06-03-2024 | 4052899012394 | Lead |
| HNS L 60 W 2G11 | s180 | 06-03-2024 | 4052899012462 | Lead |
| HNS L 95 W 2G11 | s180 | 06-03-2024 | 4052899012509 | Lead |

Product family datasheet

| Product description | CAS No. of substance 1 | Safe Use Instruction | Declaration No. in SCIP database |
|-----------------------------|---------------------------|--|---|
| HNS 4 W G5 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 9629ae32-1ea2-49f0-a16c-a3c5c1a5eda3 |
| HNS S 5 W G23 ¹⁾ | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | c7e31123-61fb-4866-8ae5-ed7de1ea68ed |
| HNS 6 W G5 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 1384e099-d808-4f3f-b32f-2a2e0fc61314 |
| HNS S/E 7 W 2G7 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | f8f7d61b-d913-4bcc-93c4-aec117a1c20a |
| HNS S 7 W G23 ¹⁾ | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 670ca33b-59b5-48a3-9280-3d81dad7cb7d |
| HNS 8W G5 G5 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | ddb742fd-df4d-4156-ab9d-c49f4e7f9bcd |
| HNS S/E 9 W 2G7 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 1f58acef-8dc5-497c-bf0c-a64e11df09cd |
| HNS S 9 W G23 ¹⁾ | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 17eeb121-e115-4a9a-9f82-1e2bdb76043 |
| HNS 11 W G5 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | CCAD55A7-CC5E-4FC4-8E66-249322F356CD a4b7c793-99b3-4615-9ec5-b40fadd330b8 |

Product family datasheet

| Product description | CAS No. of substance 1 | Safe Use Instruction | Declaration No. in SCIP database |
|------------------------------|---------------------------|--|--|
| HNS S/E 11 W 2G7 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 9fcb620a-b8d7-4c8f-aae5-b0fbd67a6e4c |
| HNS S 11 W G23 ¹⁾ | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | ac57a5ee-07a1-4bd0-8148-8a274eccafcb |
| HNS S 13 W GX23 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 1590cddb-2c9f-4eac-9176-fae5b4038478 |
| HNS 15 W G13 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 442875DF-DCDC-44CB-AEF9-F5436B886121 96EFBFEB-8770-4553-99E4-6FA5F776148A c4e92f04-a849-43d2-8176-69b5704dc3b8 |
| HNS 16 W G5 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | AC85F80F-B583-4F45-BE47-8240AA8AB8AA |
| HNS L 18 W 2G11 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | a3538943-4777-466f-a760-b1ffa32a9da4 |
| HNS L 24 W 2G11 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 75c6667e-67b9-4606-a40d-98b7313f320b |
| HNS 25 W G13 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 3cb04848-4b74-46d0-82b1-a9394e516b8f e32b7393-dbc6-4441-a23b-004ae3b9e4e3 |

Product family datasheet

| Product description | CAS No. of substance 1 | Safe Use Instruction | Declaration No. in SCIP database |
|---------------------|---------------------------|--|--|
| HNS 30 W G13 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 331CB7F6-5AE6-4C99-AA71-53C4B13FD145 50822a8b-c63b-4ffa-87ed-642706ca1852 |
| HNS 36 W G13 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | eef8a440-9982-4156-9bed-5f2b0d4f47eb 40609A7C-A22C-446D-9F5C-E9E342B07F10 fb780142-3370-46b2-aac3-fdb182b410b1 |
| HNS L 36 W 2G11 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | d0f3f32e-ce1f-45c6-ba26-34abeab8994a |
| HNS 55 W G13 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | bbcb9425-ccd7-4992-a007-5df3cd820581 76b4651b-5f2f-4916-8f11-667fba406620 |
| HNS L 55 W 2G11 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 6968a52c-58f7-4147-b1cd-8bfd6fc5c304 |
| HNS L 60 W 2G11 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 6d62fa70-79ce-4676-a92b-ed270fde7c7d |
| HNS L 95 W 2G11 | 7439-92-1 | The identification of the Candidate List substance is sufficient to allow safe use of the article. | 127f0d8d-f0fc-45d0-87e4-06d76f034902 |

¹⁾ 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 family datasheet

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.

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

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