

## PURITEC HNS UV-C

UV-C lamps for purification



### Areas of application

- Efficient disinfecting of air, water and surfaces

### Product family benefits

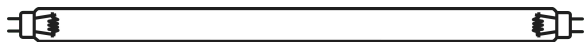
- Effective and environment-friendly disinfection without chemicals
- Low mercury content
- Long lifetime due to specific coating
- Ozone-free

### Product family features

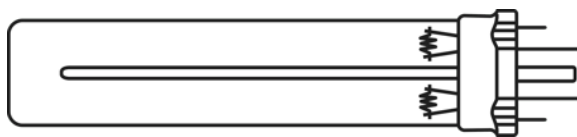
- Dominant wavelength: 254 nm (OFR version)



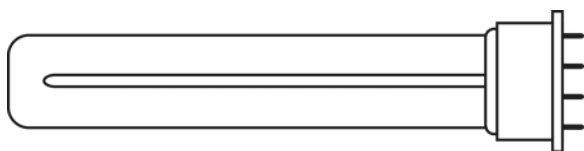
## Product family datasheet



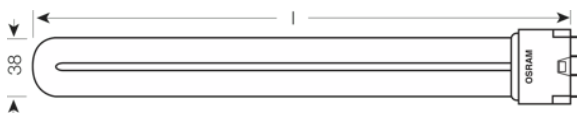
325768\_HNS 455



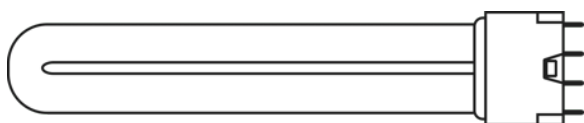
325771\_HNS S



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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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 <sup>1)</sup>	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

<sup>1)</sup> 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

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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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### Application advice

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

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### Disclaimer

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