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)



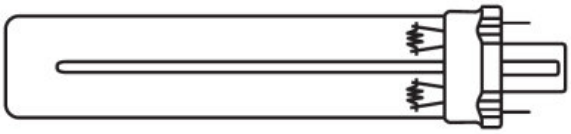




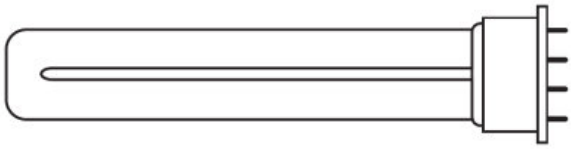
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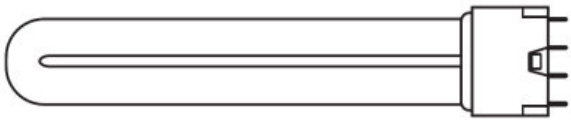
325771_HNS S



325770_HNS SE



325716_HNS L 18W 2G11



325769_HNS L

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Technical data

	Product information	Electrical data				Photometrical data
Product description	**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

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Product family datasheet

	Product information	Electrical data				Photometrical data
Product description	**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

		Dimensions & weight		Lifespan	Additional product data
Product description	**Radiated power 200...280 nm (UVC)**	**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

	Capabilities	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	**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

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Product family datasheet

	Capabilities	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)		
Product description	**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

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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-9f82-1e2bdbd76043
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

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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.	1590cdcb-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

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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

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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.

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.

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