

## 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

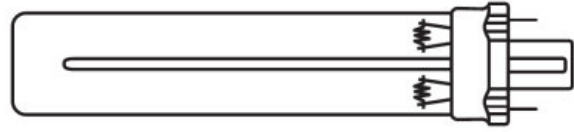
- Dominant wavelength: 254 nm (OFR version)



## Product family datasheet



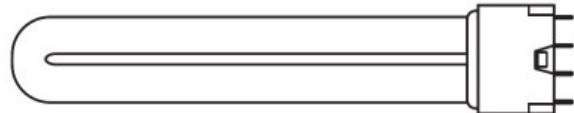
325768\_HNS 455



325771\_HNS S



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 G23	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 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 G5 G5	56.0 V	56 V	56.00 V	7.00 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 11 W G23 <sup>1)</sup>	GCF11DSG 23SEOF	91.0 V	91 V	91.00 V	11.00 W	7800 cd
HNS 15 W G13	HNS 15W G13	55.0 V	55 V	55.00 V	15.00 W	7800 cd
HNS L 18 W 2G11	HNS-L 18W 2G11	58.0 V	58 V	58.00 V	18.00 W	7800 cd
HNS L 24 W 2G11	HNS-L 24W 2G11	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 96V G13	96.0 V	96 V	96.00 V	30.00 W	7800 cd
HNS L 36 W 2G11	HNS-L 36W 2G11	106 V	106 V	106.00 V	36.00 W	7800 cd
HNS 55 W G13	HNS 55W/G55T 80F	83.0 V	83 V	83.00 V	55.00 W	7800 cd
HNS L 55 W 2G11	HNS-L55W/GFT 55D	101 V	101 V	101.00 V	55.00 W	7800 cd
HNS L 60 W 2G11	HNS-L60W/GFT 60D	82.0 V	82 V	82.00 V	60.00 W	7800 cd
HNS L 95 W 2G11	HNS-L 95W 115V	115 V	115 V	115.00 V	95.00 W	7800 cd
HNS 16W 4P SE	HNS 16W 4P SE	43.0 V	43 V	43.00 V	16.00 W	7800 cd
HNS 20W 4P SE	HNS 20W 45V 4P	45.0 V	45 V	45.00 V	20.00 W	7800 cd

## Product family datasheet

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 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 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 11 W G23 <sup>1)</sup>	3.0 W	28.0 mm	235.5 mm	8000 h	G23
HNS 15 W G13	4.9 W	26.0 mm	438.0 mm	9000 h	G13
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 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
HNS 16W 4P SE	4.0 W	16.0 mm	320.3 mm	8000 h	
HNS 20W 4P SE	6 W	16.0 mm	430.0 mm	9000 h	

Product description	Capabilities	Environmental information		
	Burning position	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
HNS 4 W G5	Any	04-01-2022	4008321378316   4008321473530	Lead
HNS S 5 W G23 <sup>1)</sup>	Any	01-01-2022	4008321229946   4008321516251	Lead
HNS 6 W G5	Any	04-01-2022	4008321378330   4008321472052	Lead
HNS S 7 W G23 <sup>1)</sup>	Any	04-01-2022	4050300941202   4008321516237	Lead
HNS 8W G5 G5	Any	01-01-2022	4008321378385   4008321484901	Lead
HNS S 9 W G23 <sup>1)</sup>	Any	04-01-2022	4050300941226   4008321516244	Lead
HNS 11 W G5	Any	11-01-2022	4008321468796   4006584926510   4052899984554	Lead
HNS S 11 W G23 <sup>1)</sup>	Any	04-01-2022	4050300941240   4008321516268	Lead
HNS 15 W G13	Any	11-01-2022	4008321398826   4008321770240   4008321770271	Lead

## Product family datasheet

Product description	Capabilities	Environmental information		
	Burning position	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
HNS L 18 W 2G11	s180	04-01-2022	4008321220431   4008321516183	Lead
HNS L 24 W 2G11	s180	04-01-2022	4008321220561   4008321516176	Lead
HNS 25 W G13	Any	11-01-2022	4008321398857   4052899083905   4052899083851   4052899469594	Lead
HNS 30 W G13	Any	04-01-2022	4008321398888   4008321770301	Lead
HNS L 36 W 2G11	s180	04-01-2022	4008321220684   4008321515773	Lead
HNS 55 W G13	Any	11-01-2022	4052899083981   4052899083936	Lead
HNS L 55 W 2G11	s180	11-01-2022	4052899012394	Lead
HNS L 60 W 2G11	s180	11-01-2022	4052899012462	Lead
HNS L 95 W 2G11	s180	04-01-2022	4052899012509	Lead
HNS 16W 4P SE	s180	04-01-2022	4052899419827   4052899437586	Lead
HNS 20W 4P SE	s180	04-01-2022	4052899419841   4052899437562	Lead

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 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

## Product family datasheet

Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
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 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-9F82-1E2BDBD76043
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
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 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 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 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
HNS 16W 4P SE	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	696FC101-A39A-4D4B-B269-DB9B8DD53C21
HNS 20W 4P SE	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	6D048F76-B2D8-4A73-9B41-04DDD1FA5D1F

<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.