

PURITEC HNS UV-C

UV-C lamps for purification



Areas of application

- Efficient disinfecting of air, water and surfaces

Product family benefits

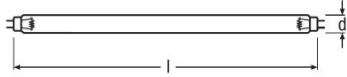
- Effective and environment-friendly disinfection without chemicals
- Low mercury content
- Long lifetime due to specific coating
- Ozone-free

Product family features

- Dominant wavelength: 254 nm (OFR version)



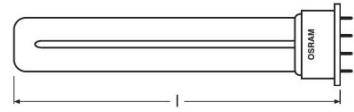
Product family datasheet



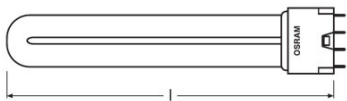
Product line drawing



Product line drawing



Product line drawing



Product line drawing

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 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/E 7 W 2G7	HNS S/E 7W 2G7	37.0 V	37 V	37.00 V	6.50 W	7800 cd
HNS S 7 W G23 1)	7W G23 10X1 3LA	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/E 9 W 2G7	HNS S/E 9W 2G7	48.0 V	60 V	48.00 V	8.00 W	7800 cd
HNS S 9 W G23 1)	9W G23 10X1 3LA	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 2G7	75.0 V	75 V	75.00 V	11.00 W	7800 cd
HNS S 11 W G23 1)	11W G23 10X1 3L	91.0 V	91 V	91.00 V	11.00 W	7800 cd
HNS S 13 W GX23	HNS S 13W GX23		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		75 V		16.00 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 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 2G11	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
HNS L 95 W 2G11	HNS-L 95W 115V	115 V	115 V	115.00 V	95.00 W	7800 cd

Product family datasheet

Product description	Radiated power 200...280 nm (UVC)	Dimensions & weight		Lifespan	Additional product data	Capabilities
		Diameter	Length	Lifespan	Base (standard designation)	Dimmable
HNS 4 W G5	0.9 W	16.0 mm	136.0 mm	6000 h	G5	No
HNS S 5 W G23 ¹⁾	1.3 W	28.0 mm	108.0 mm	8000 h	G23	No
HNS 6 W G5	1.7 W	16.0 mm	212.0 mm	9000 h	G5	No
HNS S/E 7 W 2G7	1.9 W	28.0 mm	112.0 mm	8000 h	2G7	No
HNS S 7 W G23 ¹⁾	1.8 W	28.0 mm	135.5 mm	8000 h	G23	No
HNS 8W G5 G5	2.0 W	16.0 mm	288.0 mm	9000 h	G5	No
HNS S/E 9 W 2G7	2.5 W	28.0 mm	142.0 mm	8000 h	2G7	No
HNS S 9 W G23 ¹⁾	2.5 W	28.0 mm	165.5 mm	8000 h	G23	No
HNS 11 W G5	2.5 W	16.0 mm	212.0 mm	9000 h	G5	No
HNS S/E 11 W 2G7	3.6 W	28.0 mm	212.0 mm	8000 h	2G7	No
HNS S 11 W G23 ¹⁾	3.0 W	28.0 mm	235.5 mm	8000 h	G23	No
HNS S 13 W GX23	3.4 W	28.0 mm	179.0 mm	8000 h	GX23	No
HNS 15 W G13	4.9 W	26.0 mm	438.0 mm	9000 h	G13	No
HNS 16 W G5	4.0 W	16.0 mm	288.0 mm	9000 h	G5	No
HNS L 18 W 2G11	5.5 W	40.0 mm	214.0 mm	9000 h	2G11	No
HNS L 24 W 2G11	7.3 W	40.0 mm	314.5 mm	9000 h	2G11	No
HNS 25 W G13	6.9 W	26.0 mm	438.0 mm	9000 h	G13	No
HNS 30 W G13	12 W	26.0 mm	895.0 mm	9000 h	G13	No
HNS 36 W G13	15 W	26.0 mm	1200 mm	9000 h	G13	No
HNS L 36 W 2G11	10.8 W	40.0 mm	408.0 mm	9000 h	2G11	No
HNS 55 W G13	18.0 W	26.0 mm	895.0 mm	9000 h	G13	No
HNS L 55 W 2G11	17 W	40.0 mm	533.0 mm	9000 h	2G11	No
HNS L 60 W 2G11	19 W	40.0 mm	408.0 mm	9000 h	2G11	No
HNS L 95 W 2G11	27 W	40.0 mm	533.0 mm	9000 h	2G11	No

Product description	Burning position
HNS 4 W G5	Any
HNS S 5 W G23 ¹⁾	Any
HNS 6 W G5	Any
HNS S/E 7 W 2G7	Any
HNS S 7 W G23 ¹⁾	Any
HNS 8W G5 G5	Any
HNS S/E 9 W 2G7	Any
HNS S 9 W G23 ¹⁾	Any
HNS 11 W G5	Any
HNS S/E 11 W 2G7	Any
HNS S 11 W G23 ¹⁾	Any
HNS S 13 W GX23	Any
HNS 15 W G13	Any
HNS 16 W G5	Any
HNS L 18 W 2G11	s180
HNS L 24 W 2G11	s180

Product family datasheet

Product description	Burning position
HNS 25 W G13	Any
HNS 30 W G13	Any
HNS 36 W G13	Any
HNS L 36 W 2G11	s180
HNS 55 W G13	Any
HNS L 55 W 2G11	s180
HNS L 60 W 2G11	s180
HNS L 95 W 2G11	s180

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.