

PURITEC HNS UV-C

Ultraviolet lamps



Areas of application

- Efficient disinfecting of air, water and surfaces

Product family benefits

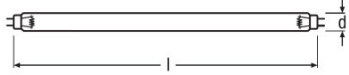
- Effective and environment-friendly disinfection without chemicals
- Low mercury content
- Long lifetime due to specific coating
- Ozone-free

Product family features

- Dominant wavelength: 254 nm (OFR version)



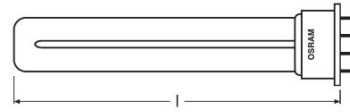
Product family datasheet



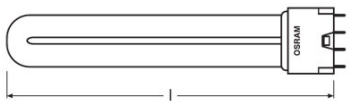
Product line drawing



Product line drawing



Product line drawing



Product line drawing

Product family datasheet

Technical data

Product description	Electrical data				Photometrical data		Dimensions & weight		Lifespan
	Nominal voltage	Lamp voltage	Construction voltage	Nominal wattage	Luminous intensity	Radiated power 200...280 nm (UVC)	Diameter	Length	Lifespan
HNS 4 W G5	29.0 V	29 V	29.00 V	4.00 W	7800 cd	0.9 W	16.0 mm	136.0 mm	6000 h
HNS S 5 W G23 ¹⁾	35.0 V	35 V	35.00 V	5.00 W	7800 cd	1.3 W	28.0 mm	108.0 mm	8000 h
HNS 6 W G5	42.0 V	42 V	42.00 V	6.00 W	7800 cd	1.7 W	16.0 mm	212.0 mm	9000 h
HNS S/E 7 W 2G7	37.0 V	37 V	37.00 V	6.50 W	7800 cd	1.9 W	28.0 mm	112.0 mm	8000 h
HNS S 7 W G23 ¹⁾	46.0 V	46 V	46.00 V	7.00 W	7800 cd	1.8 W	28.0 mm	135.5 mm	8000 h
HNS 8W G5 G5	56.0 V	56 V	56.00 V	7.00 W	7800 cd	2.0 W	16.0 mm	288.0 mm	9000 h
HNS S/E 9 W 2G7	48.0 V	60 V	48.00 V	8.00 W	7800 cd	2.5 W	28.0 mm	142.0 mm	8000 h
HNS S 9 W G23 ¹⁾	60.0 V	60 V	60.00 V	9.00 W	7800 cd	2.5 W	28.0 mm	165.5 mm	8000 h
HNS 11 W G5	33.0 V		33.00 V	11.00 W	7800 cd	2.5 W	16.0 mm	212.0 mm	9000 h
HNS S/E 11 W 2G7	75.0 V	75 V	75.00 V	11.00 W	7800 cd	3.6 W	28.0 mm	212.0 mm	8000 h
HNS S 11 W G23 ¹⁾	91.0 V	91 V	91.00 V	11.00 W	7800 cd	3.0 W	28.0 mm	235.5 mm	8000 h
HNS S 13 W GX23		95 V		13.40 W	7800 cd	3.4 W	28.0 mm	179.0 mm	8000 h
HNS 15 W G13	55.0 V	55 V	55.00 V	15.00 W	7800 cd	4.0 W	26.0 mm	438.0 mm	9000 h
HNS 16 W G5		75 V		16.00 W	7800 cd	4.0 W	16.0 mm	288.0 mm	9000 h
HNS L 18 W 2G11	58.0 V	58 V	58.00 V	18.00 W	7800 cd	5.5 W	40.0 mm	214.0 mm	9000 h
HNS L 24 W 2G11	87.0 V	87 V	87.00 V	24.00 W	7800 cd	7.3 W	40.0 mm	314.5 mm	9000 h
HNS 25 W G13	46.0 V	46 V	46.00 V	25.00 W	7800 cd	6.9 W	26.0 mm	438.0 mm	9000 h
HNS 30 W G13	96.0 V	96 V	96.00 V	30.00 W	7800 cd	12 W	26.0 mm	895.0 mm	9000 h
HNS 36 W G13	103 V	103 V	103.00 V	36.00 W	7800 cd	15 W	26.0 mm	1200 mm	9000 h
HNS L 36 W 2G11	106 V	106 V	106.00 V	36.00 W	7800 cd	10.8 W	40.0 mm	408.0 mm	9000 h
HNS 55 W G13	83.0 V	83 V	83.00 V	55.00 W	7800 cd	18.0 W	26.0 mm	895.0 mm	9000 h
HNS L 55 W 2G11	101 V	101 V	101.00 V	55.00 W	7800 cd	17 W	40.0 mm	533.0 mm	9000 h
HNS L 60 W 2G11	82.0 V	82 V	82.00 V	60.00 W	7800 cd	19 W	40.0 mm	408.0 mm	9000 h
HNS L 95 W 2G11	115 V	115 V	115.00 V	95.00 W	7800 cd	27 W	40.0 mm	533.0 mm	9000 h

Product family datasheet

Product description	Additional product data	Capabilities		Country specific categorizations
	Base (standard designation)	Dimmable	Burning position	Order reference
HNS 4 W G5	G5	No	Any	HNS 4W G5
HNS S 5 W G23 ¹⁾	G23	No	Any	HNS S 5W G23
HNS 6 W G5	G5	No	Any	HNS 6W G5
HNS S/E 7 W 2G7	2G7	No	Any	HNS S/E 7W 2G7
HNS S 7 W G23 ¹⁾	G23	No	Any	7W G23 10X1 3LA
HNS 8W G5 G5	G5	No	Any	HNS 8W G5 G5
HNS S/E 9 W 2G7	2G7	No	Any	HNS S/E 9W 2G7
HNS S 9 W G23 ¹⁾	G23	No	Any	9W G23 10X1 3LA
HNS 11 W G5	G5	No	Any	HNS 11W G5
HNS S/E 11 W 2G7	2G7	No	Any	HNS S/E 11W 2G7
HNS S 11 W G23 ¹⁾	G23	No	Any	11W G23 10X1 3L
HNS S 13 W GX23	GX23	No	Any	HNS S 13W GX23
HNS 15 W G13	G13	No	Any	HNS 15W G13
HNS 16 W G5	G5	No	Any	HNS 16W G5
HNS L 18 W 2G11	2G11	No	s180	HNS-L 18W 2G11
HNS L 24 W 2G11	2G11	No	s180	HNS-L 24W 2G11
HNS 25 W G13	G13	No	Any	HNS 25W G13
HNS 30 W G13	G13	No	Any	HNS 30W G13
HNS 36 W G13	G13	No	Any	HNS 36W G13
HNS L 36 W 2G11	2G11	No	s180	HNS-L 36W 2G11
HNS 55 W G13	G13	No	Any	HNS 55W 83V G13
HNS L 55 W 2G11	2G11	No	s180	HNS-L 55W 101V
HNS L 60 W 2G11	2G11	No	s180	HNS-L 60W 82V 2
HNS L 95 W 2G11	2G11	No	s180	HNS-L 95W 115V

Product family datasheet

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.