
PURITEC HNS

Germicidal ultraviolet lamps



Areas of application

- Efficient disinfecting of air, water and surfaces

Product benefits

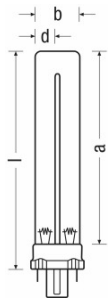
- Effective and environment-friendly disinfection without chemicals
- Low mercury content
- Long lifetime due to specific coating
- Ozone-free

Product features

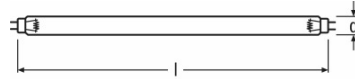
- Dominant wavelength: 254 nm (OFR version)



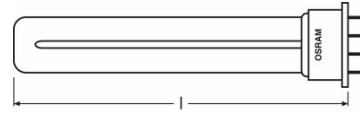
Product family datasheet



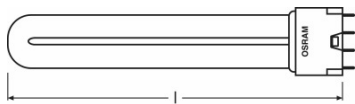
Product line drawing



Product line drawing



Product line drawing



Product line drawing

Product family datasheet

Technical data

Product description	Electrical data						Photometrical data	Dimensions & weight	
	Nominal wattage	Nominal voltage	Construction voltage	Nominal current	Lamp current	Lamp voltage	Radiated power 200...280 nm (UVC)	Diameter	Length
HNS S 5 W G23 ¹⁾	5.00 W	35.0 V	35.00 V	0.18 A	0.18 A		1.3 W	28.0 mm	108.0 mm
HNS 6 W G5	6.00 W	42.0 V	42.00 V	0.16 A	0.16 A		1.7 W	16.0 mm	212.0 mm
HNS S/E 7 W 2G7	6.50 W	37.0 V	37.00 V	0.18 A	0.18 A	37 V	1.9 W	28.0 mm	112.0 mm
HNS S 7 W G23 ¹⁾	7.00 W	46.0 V	46.00 V	0.18 A	0.18 A		1.8 W	28.0 mm	135.5 mm
HNS S 9 W G23 ¹⁾	9.00 W	60.0 V	60.00 V	0.18 A	0.18 A		2.5 W	28.0 mm	165.5 mm
HNS S 11 W G23 ¹⁾	11.00 W	91.0 V	91.00 V	0.16 A	0.16 A		3.0 W	28.0 mm	235.5 mm
HNS L 18 W 2G11	18.00 W	58.0 V	58.00 V	0.38 A	0.38 A		5.5 W	40.0 mm	214.0 mm
HNS L 24 W 2G11	24.00 W	87.0 V	87.00 V	0.35 A	0.35 A		7.3 W	40.0 mm	314.5 mm
HNS L 36 W 2G11	36.00 W	106 V	106.00 V	0.44 A	0.44 A		10.8 W	40.0 mm	408.0 mm
HNS	30.00 W	96.0 V	96.00 V	0.36 A	0.36 A		12 W	26.0 mm	895.0 mm
HNS	15.00 W	55.0 V	55.00 V	0.33 A	0.33 A		4.0 W	26.0 mm	438.0 mm
HNS	36.00 W	103 V	103.00 V	0.44 A	0.44 A		15 W	26.0 mm	1200 mm

Product description	Capabilities
	Burning position
HNS S 5 W G23 ¹⁾	s180
HNS 6 W G5	s180
HNS S/E 7 W 2G7	s180
HNS S 7 W G23 ¹⁾	s180
HNS S 9 W G23 ¹⁾	s180
HNS S 11 W G23 ¹⁾	s180
HNS L 18 W 2G11	
HNS L 24 W 2G11	
HNS L 36 W 2G11	
HNS	s180

Product family datasheet

Product description	Capabilities
	Burning position
HNS	s180
HNS	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.