

Technical Information

No. 5937

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Substitutes: 09/15

Status: subject to change

PURITEC UV-C Low Pressure Lamp

HNS 55W G13

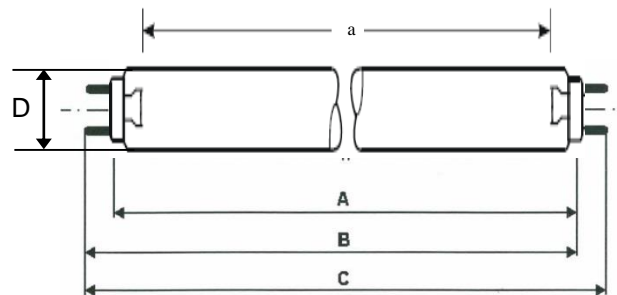
■ Product description and applications

The OSRAM HNS 55W G13 has been designed for air disinfection, liquid disinfection, and surface disinfection

■ Technical data

Geometric Data

Face to Face	A_{max}	895 mm
Face to end of opposite pin	B_{min}	899 mm
Face to end of opposite pin	B_{max}	902 mm
Overall length	C_{max}	910 mm
Radiation length	a	824 mm
Tube diameter	D	25.5 mm
Base		G13



Electrical Data

Lamp power	55 W
Lamp voltage	83 V
Lamp current	0.77 A

Spectral Data

Radiation flux (254nm)	18.0 W
Initial UV-C irradiance	0.4 W/m ² (@ 2 m)
Life time	9000 hrs
UV-C irradiance @ 9000hrs	> 0.33 W/m ² (@ 2 m)
Generation of ozone	no

Operation conditions

Burning position	any
Electronic ballast	ECG 55W
Starter	ST111
Correction capacitor (single lamp operation with inductive control gear)	7 nF
On-off cycle during lifetime:	50000

Advise:

The radiation of the HNS-lamps causes skin burns and conjunctivitis within minutes. For this reasons skin and eyes must be protected from direct radiation

Notice:

The technical data given are nominal values. Variations up to 10% with single lamps are possible.

Spectral radiation distribution

