

Technical Information

No. 5954

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Status: subject to change

PURITEC UV-C Low Pressure Lamp

HNS 16W G5 4P SE

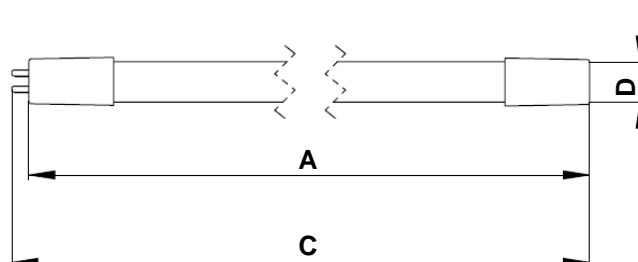
■ Product description and applications

The OSRAM HNS 16W G5 4P SE is a single ended lamp and has been designed for air disinfection, liquid disinfection, surface disinfection

■ Technical data

Geometric Data

Face to Face	A _{max}	320.3 mm
Overall length	C _{max}	328.0 mm
Base diameter	D _{max}	19.0 mm
Base		4 Pins Single Ended



Electrical Data

Lamp power	16 W
Lamp voltage	43 V
Lamp current	0.4 A

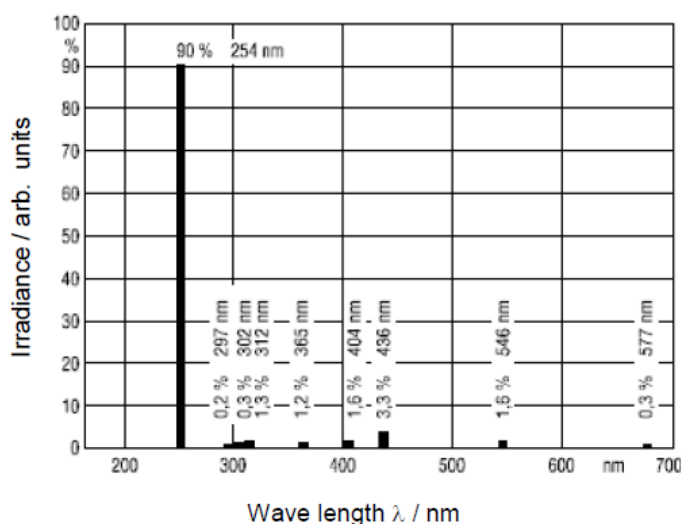
Spectral Data

Radiation flux (254nm)	4.0 W
Initial UV-C irradiance	> 0.4 W/m ² @ 1 meter
Lifetime	9000 hrs
UV-C irradiance @ 9000hrs	> 0.3 W/m ² @ 1 meter
Generation of ozone	no

Operation conditions

Burning position	any
Driver	CCG/ECG
Starter	ST111

Spectral radiation distribution



Warning:

HNS (UVC) lamp classification according IEC/EN 62471 (photo biological risk): Risk Group 3
The radiation of the HNS (UVC) -lamps causes skin burns and conjunctivitis within minutes. For this reasons skin and eyes must be protected from direct radiation. UVC lamps are not be used for General Lighting application.

Notice:

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