

## Technical Information

No. 5955

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Status: subject to change

## PURITEC UV-C Low Pressure Lamp

# HNS 20W G5 4P SE

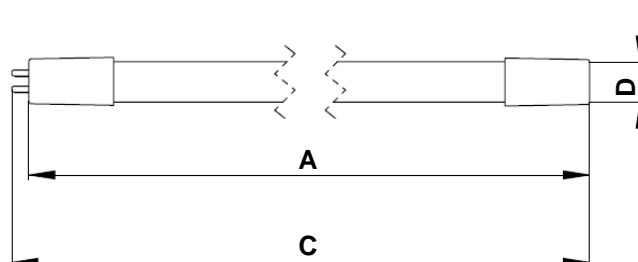
### ■ Product description and applications

The OSRAM HNS 20W 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 <sub>max</sub>	430.0 mm
Overall length	C <sub>max</sub>	437.7 mm
Base diameter	D <sub>max</sub>	19.0 mm
Base		4 Pins Single Ended



#### Electrical Data

Lamp power	20 W
Lamp voltage	45 V
Lamp current	0.450 A

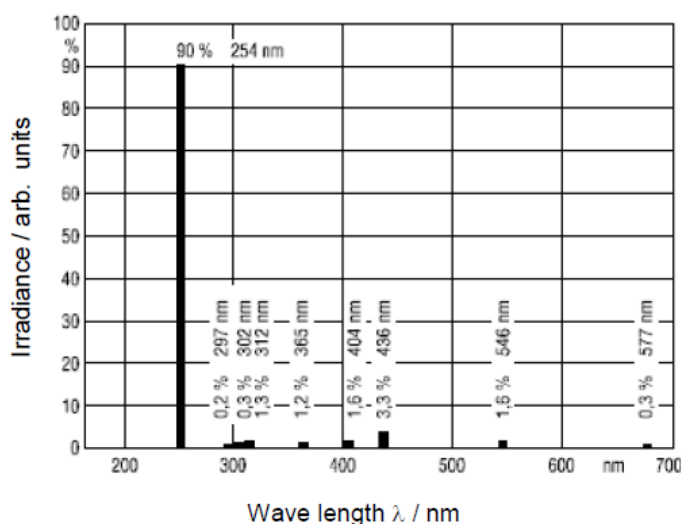
#### Spectral Data

Radiation flux (254nm)	6.0 W
Initial UV-C irradiance	> 0.6 W/m <sup>2</sup> @ 1 meter
Lifetime	9000 hrs
UV-C irradiance @ 9000hrs	> 0.48 W/m <sup>2</sup> @ 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.