

Technical Information

No. 5954

Edition: 07/16

Substitutes: 06/16

Status: subject to change

PURITEC UV-C Low Pressure Lamp

HNS 16W G5 4P SE

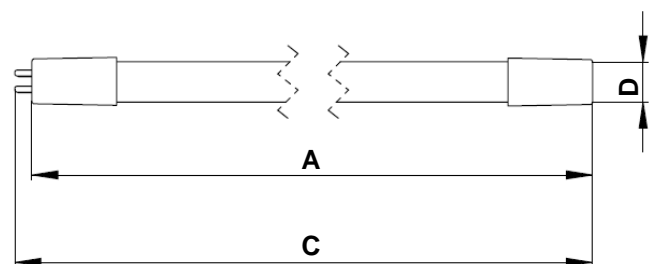
■ Product description and applications

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 |

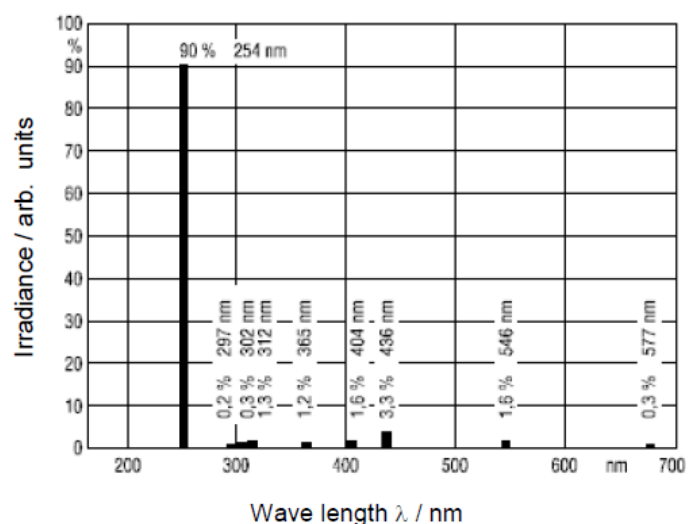
Spectral Data

| | |
|---------------------------|----------------------------------|
| 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.