

PURITEC UV-C

Germicidal Low Pressure Lamp

HNS 8W G5

(G8T5/OF)

Electrical Data:

lamp power	8 W
lamp voltage	56 V
lamp current	0.15 A

Spectral Data:

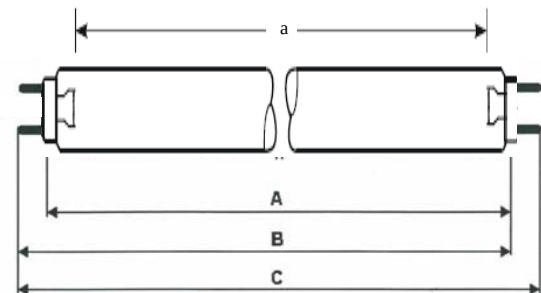
radiation flux (254nm)	2.0 W
Initial UV-C irradiance	0.20 W/m ² (@ 1 m)
lifetime	8000 hrs
UV-C irradiance @ 8000 hrs	> 0.15 W/m ² (@ 1 m)
generation of ozone	no

Operation conditions:

burning position	any
electromagnetic ballast	CCG 8W
starter	ST151
correction capacitor (one lamp on magnetic ballast)	2 µF
Cycle time [# of cycles]	50.000

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



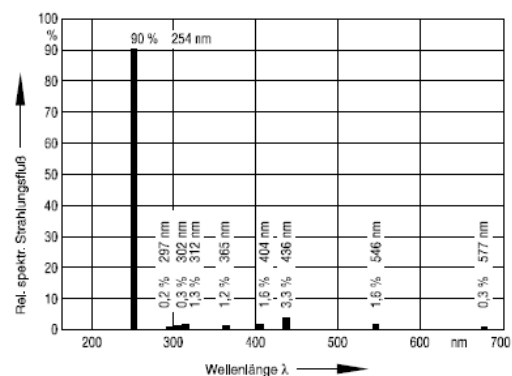
Geometric Data:

face to face	(A _{max})	288.3 mm
face to end of opposite pin	(B _{min})	293.0 mm
face to end of opposite pin	(B _{max})	295.0 mm
overall length	(C _{max})	302.5 mm
arc length	(a)	230 ± 2 mm
tube diameter	(D)	16.0 mm
base		G5

Applications:

Air disinfection, liquid disinfection, surface disinfection

Spectral radiation distribution:



Notice:

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