

Technical Information

No. 5870

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Substitutes: 08/15

Status: subject to change

PURITEC UV-C Low Pressure Lamp

HNS L 36W 2G11

GFT36DL/2G11/SE/OF

■ Product description and applications

The OSRAM HNS L 36W 2G11 has been designed for air disinfection, liquid disinfection, surface disinfection

■ Technical data

Geometric Data

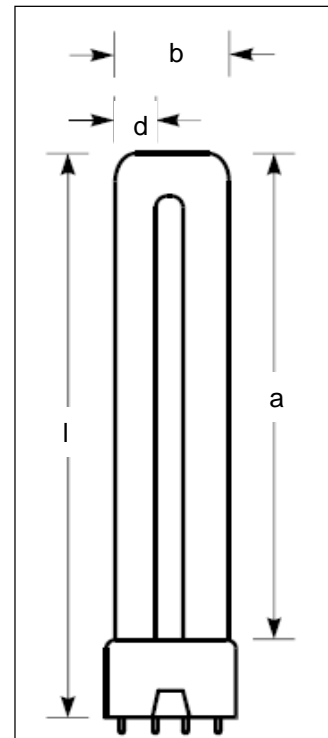
Overall length l	408 mm
Radiation length a	385 mm
Radiation width b	40.0 mm
Tube diameter d	20.0 mm
Base	2G11

Electrical Data

Lamp power	36 W
Lamp voltage	106 V
Lamp current	0.44 A

Spectral Data

Radiation flux (254nm)	10.8 W
Initial UV-C irradiance	> 1,20 W/m ² @ 1 meter
Lifetime	9000hrs
UV-C irradiance@9000hrs	> 1,02 W/m ² @ 1 meter
Generation of ozone	no



Operation conditions

Burning position	any
Electronic ballast (compact fluorescent lamp)	ECG 36W
Starter	ST111/171
Correction capacitor (for one lamp using an inductive control gear)	4.4 µF
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

