

# UV-C Germicidal Low Pressure Lamp

## UVCH5H12×106-G23

### Electrical Data:

Lamp power	5 W
Lamp voltage	37 V
Lamp current	155 mA

### Performance Data:

Average lifetime	> 8000 hrs
UV-C irradiance (@ 5min)	> 10 $\mu\text{W}/\text{cm}^2$ (@ 1 m)
Generation of ozone	no

### Test Condition:

Environment temperature	26 $\pm$ 2 $^{\circ}\text{C}$
Relative humidity	50%-90%

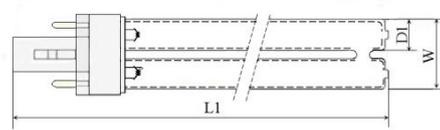
### Environmental Condition:

Working temperature	0 $^{\circ}\text{C}$ -50 $^{\circ}\text{C}$
Working humidity	20%-90%

### Attention:

The radiation of the lamps does harm to humans and animals, especially the eyes. So appropriate precaution and protection is necessary to avoid direct radiation.

Performance of the lamps are related to the power input and the matched ballast used.



### Geometric Data:

Overall length	L1	106 $\pm$ 1.5 mm
Tube diameter	D1	12 $\pm$ 0.2 mm
Tube width	W	Max28 mm
Base		G23

### Applications:

Air disinfection  
Water disinfection  
Surface disinfection

### Spectral Radiation Distribution:

