

# UV-C Germicidal Low Pressure Lamp

## UVCH20D15×589-G5

### Electrical Data:

Lamp power	20 W
Lamp voltage	100 V
Lamp current	220 mA

### Performance Data:

Average lifetime	> 8000 hrs
UV-C irradiance (@ 5min)	> 70 $\mu\text{W}/\text{cm}^2$ (@ 1 m)
Generation of ozone	no

### Test Condition:

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

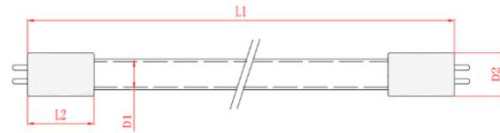
### Environmental Condition:

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	589 $\pm$ 1.5 mm
Base length	L2	30 $\pm$ 1 mm
Tube diameter	D1	15 $\pm$ 0.2 mm
Base diameter	D2	19 $\pm$ 0.5 mm
Base		G5

### Applications:

Air disinfection  
Water disinfection  
Surface disinfection

### Spectral Radiation Distribution:

