

## UV-C Germicidal Low Pressure Lamp

### UVCH3S17×53-E17

#### Electrical Data:

Lamp power	3 W
Lamp voltage	11 V
Lamp current	300 mA

#### Performance Data:

Average lifetime	> 2000 hrs
UV-C irradiance (@ 5min)	> 700 $\mu\text{W}/\text{cm}^2$ (@ 30mm)
Generation of ozone	no

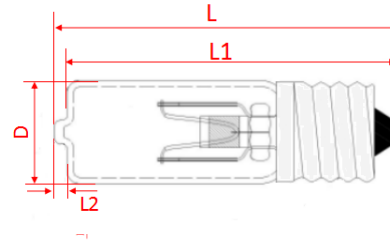
#### Test Condition:

4uf Capacitor	220V 50Hz
DC constant current power Supply PS3-05D	DC24V 300mA
Environment temperature	26 $\pm$ 2 $^{\circ}\text{C}$
Relative humidity	50%-90%
Working temperature	-20 $^{\circ}\text{C}$ -70 $^{\circ}\text{C}$
Working humidity	$\leq$ 96%

#### 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	L	54.5 $\pm$ 3 mm
Overall length	L1	53 $\pm$ 1.5 mm
Burning tip length	L2	$\leq$ 3 mm
Tube diameter	D	17 $\pm$ 0.3 mm
Base		E17

#### Applications:

Air disinfection  
Water disinfection  
Surface disinfection

#### Spectral Radiation Distribution:

