

UV-C Germicidal Low Pressure Lamp

UVCH40D15×1198-G5

Electrical Data:

| | |
|--------------|--------|
| Lamp power | 40 W |
| Lamp voltage | 170 V |
| Lamp current | 220 mA |

Performance Data:

| | |
|--------------------------|--|
| Average lifetime | > 8000 hrs |
| UV-C irradiance (@ 5min) | > 135 $\mu\text{W}/\text{cm}^2$ (@ 1 m) |
| Generation of ozone | no |

Test Condition:

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

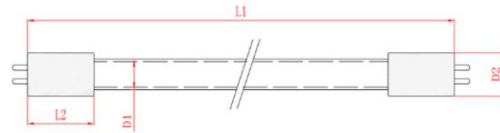
Environmental Condition:

| | |
|---------------------|---|
| 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 | 1198 \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:

