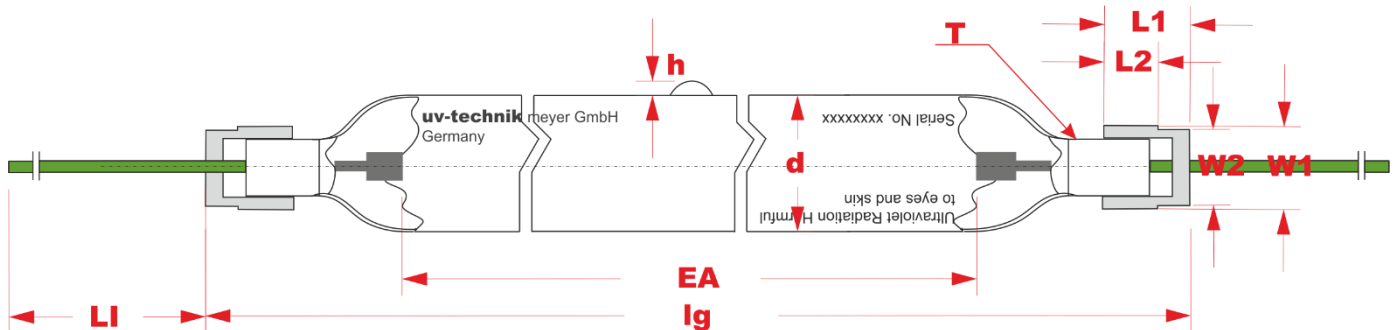


**Article No.**  
**A008567**

**Description**  
**UVF MP W3000-AL300-D22-V415**



**Electrical Data**

specific lamp power	W/cm	100
lamp power	W	3000
lamp voltage	V	415
lamp current	A	7,5

**Geometrical Data**

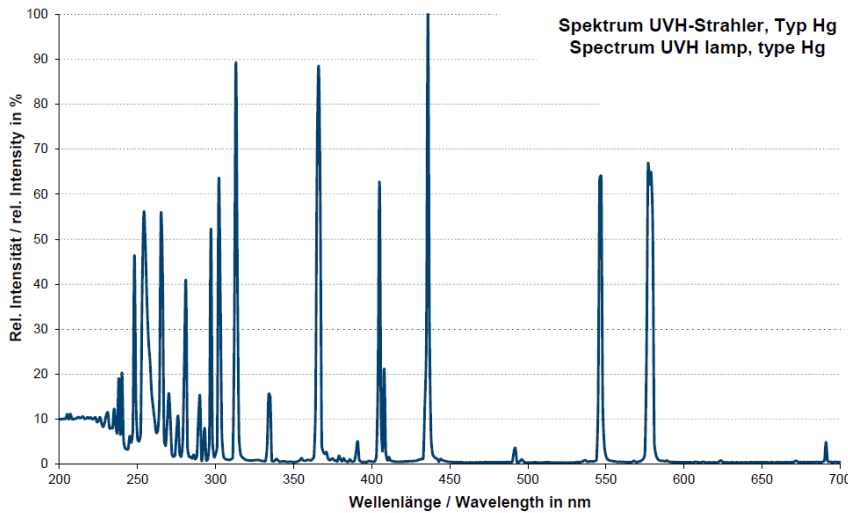
arc length	(dimension EA)	mm	300
overall length	(dimension Lg)	mm	420
tube diameter	(dimension d)	mm	22
wire length	(dimension LI)	mm	500 / 500
cap			ceramic
cap dimension L1		mm	35
cap dimension L2		mm	20
cap dimension W1		mm	16
cap dimension W2		mm	15
pumping pip (dimension h)			none (dimension h = 0 mm)
Quartz squeezing (dimension T)		mm	15 to cap beginning

**Tolerance data**

lamp voltage	V	25
arc length	mm	+ 5 / - 0
overall length	mm	+ 2 / - 2
tube diameter	mm	0,3 mm
wire length	mm	5 mm

**Physical Lamp Data**

radiation flow UV-C (200 – 280 nm)	W	450
radiation flow UV-B (280 – 315 nm)	W	240
radiation flow UV-A (315 – 400 nm)	W	210



**General Data**

sealing temperature $T_{max}$	° C	350 at point T
tube temperature, min - max	° C	700 – 900
coating around electrodes		AlO <sub>2</sub>
termination		strip 6 mm
doping		mercury
tube material		quartz, ozone-producing
useful lifetime water disinfection	hours	5000 – 7000

Useful lifetime depends on operating conditions (for instance, ON-OFF-cycle, cooling, etc.).

The actual lamp power depends on the ballast the lamp is being operated on. After consulting the supplier, by changing the lamp current another lamp power than stated above can be adjusted.

A reliable operation of this lamp is only guaranteed in specially adapted plants. The appropriate installation can therefore only be made by the respective plant manufacturer.

Customer-specific special lamps, ozone-free and doped types on request.

Stand: 11/27/2017