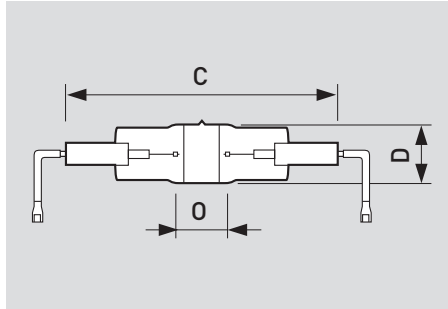
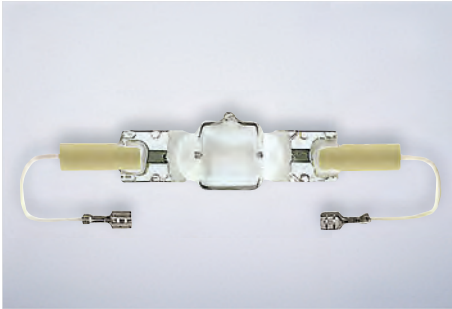


Products

HPA 1000/20 R

DR. FISCHER HPA 1000 lamps are designed for horizontal use.



Dimensions in mm

Lamp type	W ⁽¹⁾	V ⁽¹⁾	Lamp current [A] ⁽¹⁾	Run-up time ⁽²⁾ max. min.	UVA irradi. At 0 h ⁽³⁾ $\mu\text{W}/\text{cm}^2$	Maintenance at 750 h % ⁽⁴⁾	Arc length [mm]	Lamp length [mm] ⁽⁵⁾	Lamp diam [mm]	Cap base	Cable length ⁽⁶⁾ [mm]	Pces per pack	Article no.
HPA 1000	1100	120	10.5	3	1780	80	21	129 \pm 2	28 max.	C10.5L	90 T	4	9280 756 06002



Welding process



Quality control

(1) First electrical value is measured free burning on reference impedance (see table with circuit data) at 0 hours. Second value gives indication of stand-by operation.

(2) Maximum time to reach 90% of UV-output after cold start on reference circuit. (1)

(3) UV irradiation measured perpendicular to lamp axis at 1 m distance with a relative spectral sensitivity according to IEC. UVA is the wavelength range between 315-400 nm, DIAZO between 320-440 nm. (1)

(4) Percentage of UV output at 750 h compared to 0 h. The lifetime at which maximum 10% of large batch of lamps have failed is also specified at 750 h for all HPA/HPM lamps. This lifetime and UV-maintenance is reached under following test conditions:

- Pinch temperature: 350°C max.
- Bulb temperature: 950°C max., 750°C min. (also at reduced power!)
- Switching cycle 5h30' ON, 30' OFF. Horizontal burning position.

(5) For a definition of Overall Length (OAL), see drawing of lamp base dimensions.

(6) Cable terminal type: T= straight faston terminal, RT= round terminal, F= flag faston, no symbol= stripped end.