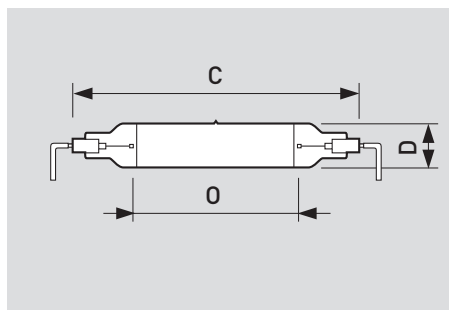
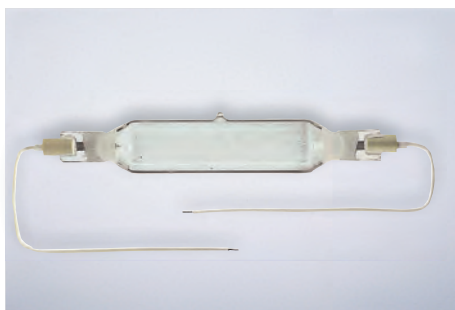


## HPM 4010

DR. FISCHER HPM 4010 lamps are designed for horizontal use.

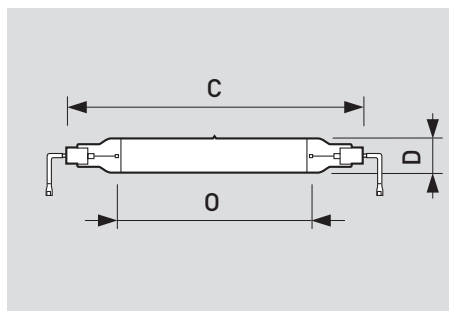


Dimensions in mm

Lamp type	W <sup>(1)</sup>	V <sup>(1)</sup>	Lamp current <sup>(1)</sup> (A)	Run-up time <sup>(2)</sup> max. min.	Diazo irradiat. at 0 h $\mu\text{W}/\text{cm}^2$	Maintenance at 750 h % <sup>(4)</sup>	Arc length (mm)	Lamp length (mm) <sup>(5)</sup>	Lamp diam (mm)	Cap base	Cable length <sup>(6)</sup> (mm)	Pces per pack	Article no.
HPM 4010	4000	310	13.5	4	10500	90	117	203 ± 3	32 max.	C10.5S	190	4	9280 794 06002

## HPM 4020

DR. FISCHER HPM 4020 lamps are designed for horizontal use.



Dimensions in mm

Lamp type	W <sup>(1)</sup>	V <sup>(1)</sup>	Lamp current <sup>(1)</sup> (A)	Run-up time <sup>(2)</sup> max. min.	Diazo irradiat. at 0 h $\mu\text{W}/\text{cm}^2$	Maintenance at 750 h % <sup>(4)</sup>	Arc length (mm)	Lamp length (mm) <sup>(5)</sup>	Lamp diam (mm)	Cap base	Cable length <sup>(6)</sup> (mm)	Pces per pack	Article no.
HPM 4020	4000	400	11.5	4	11500	90	162	248 ± 3	28 max.	C10.5S	110 T	4	9280 807 06002

(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.

(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.

(4) Percentage of UV output at 750 h compared to 0 h. The lifetime at which maximum 10% of a large batch of lamps has 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.