Product family datasheet

HBO ≤ 200W Double End

Areas of application

- Laboratory & Analysis
- UV Curing
- Fiber Illumination
- Microscopy
- Solar Simulation

Product features and benefits

- High luminance / radiance with intense point source
- Broad spectral distribution in the visible and ultraviolet range
- Enhanced UV characteristics available on some types
- High arc stability

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Technical data

	Electrical Data			Lifetime Data
Product description	**Nominal wattage**	**Lamp voltage**	**Lamp current**	**Nominal lifetime**
HBO 50 W/AC 39 V	50 W	39…45 V [1)]	1.1…1.3 A	100 hr
HBO 50 W/AC 34 V	50 W	34…39 V [1)]	1.3…1.5 A	100 hr
HBO 50 W/3	50 W	20…26 V [1)]	1.9…2.5 A	200 hr
HBO 100 W/2	100 W	17…25 V [1)]	4.3…5.6 A	200 hr
HBO 103 W/2	103 W	17…25 V [1)]	4.0…5.0 A	300 hr
HBO 200 W/2 57 V	200 W	57…65 V [1)]	3.0…3.5 A	400 hr
HBO 200 W/4	200 W	54…63 V [1)]	3.0…3.7 A	200 hr
HBO 200 W/DC TM	200 W	57…65 V [1)]	3.0…4.3 A	400 hr
HBO 202 W/4	202 W	57…65 V [1)]	3.6 A	200 hr
HBO 200 W/DC 57 V	200 W	48…65 V [1)]	3.0…4.3 A	1000 hr

[1)] Initial electrical values

Safety advice

Because of their high luminance, UV radiation and high internal pressure (when hot) HBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Mercury is released if the lamp breaks. Special safety precautions must be taken. More information is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.