Product family datasheet

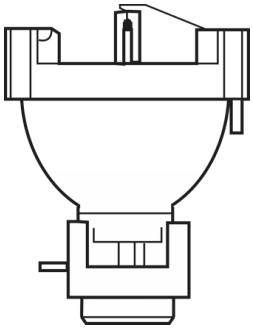
HBO R & HXP R ≤ 200W with Reflector

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



HBO R 103W

Technical data

	Electrical Data			Lifetime Data
Product description	**Nominal wattage**	**Lamp voltage**	**Lamp current**	**Nominal lifetime**
HBO R 103 W/45	103 W	20…25 V [2]	4.0…5.0 A	300 hr
HXP R 120 W/45 C VIS [1]	120 W	60…90 V [3]	1.4 A	2000 hr
HXP R 120 W/45 C UV [1]	120 W	60…90 V [3]	1.4 A	2000 hr
HXP R 200 W/45 M [1]	200 W	60…96 V [3]	3.4 A	2000 hr

[1] To be operated with OSRAM PT VIP EVG

[2] Initial electrical values

[3] Initial voltage range

Safety advice

Due to their high luminance, UV radiation, and high internal pressure in the hot state, HBO and HXP lamps may only be operated in enclosed lamp casings designed for their operation. Since mercury is released if the lamp breaks, special safety precautions must be taken. More information is available upon request, or can be found in the leaflet or operating instructions included with the lamp. You can also review our Product Safety Guide.

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.