

Product family datasheet

HBO R & HXP R ≤ 200W with Reflector



CBP_03.00 Areas of applicat, all [calc.]

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

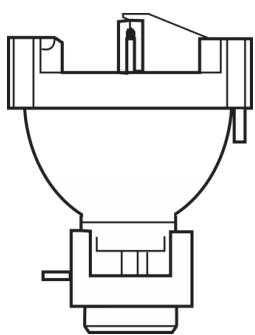
CBP_09.00 Product features and benefits, all [calc.]

- 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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HBO R 103W

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Technical data

Product description	Electrical Data			Lifetime Data Average Rated Life [GMS]
	Nominal wattage	Lamp voltage	Lamp current	
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

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CBP_05.00 Safety advice, all [calc.]

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.