

HXP

Mercury short-arc lamps, long life



Product family benefits

- Very high luminance
- Elliptical reflector for efficient focusing of the light
- Long lamp life

Product family features

- AC operation with square-wave current



Product family datasheet

Technical data

Product description	Electrical data					Photometrical data	Light technical data
	Lamp wattage	Nominal voltage	Lamp voltage	Lamp current	Type of current	Nominal luminous flux	Focal length
HXP R 120 W/45 C VIS ¹⁾	120 W	85.0 V	60...90 V ²⁾	1.4 A	AC	2800 lm	45.0 mm
HXP R 120 W/45 C UV ¹⁾	120 W	85.0 V	60...90 V ²⁾	1.4 A	AC		45.0 mm
HXP R 200 W/45 M ¹⁾	200 W	85.0 V	60...96 V ²⁾	3.4 A	AC		45.0 mm
HXP R 206 W/45C ¹⁾	5500 W	85.0 V	48...85 V ²⁾	3.4 A	AC		45.0 mm

Product description	Dimensions & weight		Lifespan	Capabilities	
	Diameter	Length with base excl. base pins/connection	Lifespan	Cooling	Burning position
HXP R 120 W/45 C VIS ¹⁾	67.0 mm	77.00 mm	2000 h	Forced	p20
HXP R 120 W/45 C UV ¹⁾	67.0 mm	77.00 mm	2000 h	Forced	p20
HXP R 200 W/45 M ¹⁾	67.0 mm	77.00 mm	2000 h	Forced	p20
HXP R 206 W/45C ¹⁾	67.0 mm	77.00 mm	1000 h	Forced	p20

Product description	Environmental information			
	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
Product description	Date of Declaration	Primary Article Identifier	Candidate List Substance 1	Declaration No. in SCIP database
HXP R 120 W/45 C VIS ¹⁾	05-03-2024	4050300882772	No declarable substances contained	No declarable substances contained
HXP R 120 W/45 C UV ¹⁾	05-03-2024	4050300666525	No declarable substances contained	No declarable substances contained
HXP R 200 W/45 M ¹⁾	06-05-2024	4008321180070	No declarable substances contained	No declarable substances contained
HXP R 206 W/45C ¹⁾	05-03-2024	4008321331472	No declarable substances contained	No declarable substances contained

¹⁾ To be operated with OSRAM PT VIP EVG

²⁾ Initial voltage range

Product family datasheet

Safety advice

Because of their high luminance, UV radiation and high internal pressure in the hot state HXP 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.