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

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Product family datasheet

Technical data

	Electrical data					Light technical data	Dimensions & weight
Product description	**Lamp wattage**	**Lamp voltage**	**Lamp current**	**Type of current**	**Nominal voltage**	**Focal length**	**Diameter**
HXP R 120 W/17 C [1]	120 W	70…95 V [2]	1.5 A	AC		17.3 mm	65.0 mm
HXP R 120 W/45 C VIS [1]	120 W	60…90 V [2]	1.4 A	AC	85.0 V	45.0 mm	67.0 mm
HXP R 120 W/45 C UV [1]	120 W	60…90 V [2]	1.4 A	AC	85.0 V	45.0 mm	67.0 mm
HXP R 200 W/45 M [1]	200 W	60…96 V [2]	3.4 A	AC	85.0 V	45.0 mm	67.0 mm

		Lifespan	Capabilities	
Product description	**Length with base excl. base pins/connection**	**Lifespan**	**Cooling**	**Burning position**
HXP R 120 W/17 C [1]	77.00 mm	2000 h	Forced	p20
HXP R 120 W/45 C VIS [1]	77.00 mm	2000 h	Forced	p20
HXP R 120 W/45 C UV [1]	77.00 mm	2000 h	Forced	p20
HXP R 200 W/45 M [1]	77.00 mm	2000 h	Forced	p20

	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/17 C [1]	05-03-2024	4050300786476 | 4052899288690	No declarable substances contained	In work
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]	05-03-2024	4008321180070	No declarable substances contained	No declarable substances contained

[1] To be operated with OSRAM PT VIP EVG

[2] Initial voltage range

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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.

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