

HXP R 120W/17C 2X1



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

Areas of application

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

Technical data

General product information

Product Number	68895
Product Name	HXPR120W17C2X1 2/CS 1/SKU
Ordering Abbreviation	HXP R 120W/17C 2X1
Brand Name	OSRAM
General Description	mercury short arc discharge lamp
Application	MEDICAL AND INDUSTRIAL FIBER OPTICS
Product Remark	<ul style="list-style-type: none">– p (Operating Position) = Horizontal– It takes time for the mercury in the lamp to evaporate. Typically 95% of luminous output are generated after approximately 120 seconds. For quality inspection purposes allow for five minutes burning time.– Operation time after which either aperture lumens decrease to 50% of initial value or the lamp voltage reaches 115 V and the lamp cannot be ignited. Switching cycle: 210 minutes on / 30 minutes off.– Operational bulb wall temperatures lower than 850°C may lead to mercury condensation and prevent the lamp from reaching stable operation conditions; temperatures higher than 950°C may lead to premature failures of the lamp.– For rectangular aperture of 5.0 x 3.8 mm (hor. x vert.) at working distance 17.3 mm.

Electrical data

Nominal Wattage	120 W
Current (A)	1.4 A
Type of Current	AC

Light technical data

Working Distance a (mm)	17.3 mm
Average Rated Life	2000 h

Physical attributes

Base	Medium Bipin with Heat Sink
Bulb Shape	REFLECTOR
Maximum Overall Length (mm)	77 mm
Length l1 (mm)	76.5 mm
Length l1 max. (mm)	76.5 mm

Product datasheet

Additional product data

Operating Position	P 20
Hot Restart	YES
Class	C (GAS)

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.

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
68895	4052899288690	Folding box (SKU)	1		
68895	4052899288706	Shipping box (Case)	2	7.3 in x 3.8 in x 4.5 in	0.6 lb

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

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