

HBO 50 W/3 10/CS 1/SKU



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

Product datasheet

Technical data

General product information

Product Number	69215
Product Name	HBO 50 W/3 10/CS 1/SKU
Family Brand Name	HBO
Application	UV Light Curing, Microscopy, Photo-Polymerization
Product Remark	- s (Operating Position) = Vertical, base down

Electrical data

Nominal Wattage	50 W
Current (A)	2.3 A
Type of Current	DC

Light technical data

Luminous Flux	1300 lm
Average Luminance (cd/cm ²)	90000 cd/cm ²
Luminous Intensity (cd)	150 cd
Luminous Area (mm)	0.2 x 0.35 mm
Luminous Efficacy (lm/W)	26 lm/W
Light Center Length - LCL (mm)	22 mm
Average Rated Life	200 h

Physical attributes

Base Anode	SFa6-2
Base Cathode	SFa8-2
Maximum Overall Length (mm)	53 mm
Length l1 (mm)	53 mm
Length l1 max. (mm)	53 mm
Diameter d (in)	39.331 in
Diameter d (mm)	999.00 mm
Distance a (mm)	22 mm

Additional product data

Operating Position	s 45
Maximum Base Temperature (°C)	230 C
Cooling	Convection

Product datasheet

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
69215	4050300506692	Folding box (SKU)	1	7.2 in x 3.4 in x 2.3 in	0.2 lb
69215	4050300506708	Shipping box (Case)	10	12.3 in x 7.3 in x 7.6 in	2.3 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.

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