

HBO 200 W/DC TM



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	69163
Product Name	HBO200WDCTM 10/CS 1/SKU
Ordering Abbreviation	HBO 200 W/DC TM
Brand Name	OSRAM
Family Brand Name	HBO
General Description	200 watt, mercury short arc, double-ended
Application	Contour Projection, Optical Comparators, Metrology
Product Remark	– s (Operating Position) = Vertical, base down

Electrical data

Nominal Wattage	200 W
Type of Current	DC

Light technical data

Luminous Flux	9500 lm
Average Luminance (cd/cm ²)	40000 cd/cm ²
Luminous Intensity (cd)	1000 cd
Luminous Area (mm)	0.6 x 2.2 mm
Luminous Efficacy (lm/W)	50 lm/W
Light Center Length - LCL (mm)	40 mm
Average Rated Life	400 h

Physical attributes

Base Anode	8-32 UNC-3A
Base Cathode	8-32 UNC-3A
Bulb Shape	KO113
Maximum Overall Length (mm)	128 mm
Length l1 (mm)	128 mm
Length l1 max. (mm)	128 mm
Length l2 (mm)	102 mm
Length l2 max. (mm)	102 mm
Diameter d (in)	39.331 in
Diameter d (mm)	999.00 mm
Distance a (mm)	40 mm
Reflector Coating	999.00

Product datasheet

Additional product data

Operating Position	s20
Maximum Base Temperature (°C)	230 C
Cooling	Convection
Class	C (gas)
Lamp Type	DOUBLE ENDED

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
69163	4008321137623	Folding box (SKU)	1	6.5 in x 3.7 in x 1.9 in	0.3 lb
69163	4008321137630	Shipping box (Case)	10	9.3 in x 8.9 in x 8.3 in	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.

Disclaimer

OSRAM does not accept liability for errors, changes and omissions.