

HBOR103W45 22V 2/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

Technical data

General product information

Product Number	69311
Product Name	HBOR103W45 22V 2/CS 1/SKU
Family Brand Name	HBO
Application	UV Light Curing, Dental UV-curing, Photo-Polymerization
Product Remark	<ul style="list-style-type: none">- p (Operating Position) = Horizontal- The focus lies 45mm in front of the mounting rim (working distance).- Lamp also available with AMP plug contact. HBO R 103/45 C (Product Number 69311).

Electrical data

Nominal Wattage	103 W
Current (A)	4.3 A
Type of Current	DC

Light technical data

Average Rated Life	300 h
--------------------	-------

Physical attributes

Base	LEADS WITH AMP 350809-1 CONNEC
Base Anode	Pin
Base Cathode	Pin
Maximum Overall Length (mm)	81.5 mm
Length l1 (mm)	81.50 mm
Length l1 max. (mm)	81.50 mm
Diameter d (in)	2.677 in
Diameter d (mm)	68.00 mm

Additional product data

Operating Position	p 20
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
69311	4050300405957	Folding box (SKU)	1	3.4 in x 3.4 in x 4.1 in	0.4 lb
69311	4050300147093	Shipping box (Case)	2	7.3 in x 3.8 in x 4.5 in	0.8 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.