



Product Number: 69242

Order Abbreviation: XBO 450 W/1

General Description: 450 watt, xenon short arc, double-ended used in microscopes

Product Information

Abbrev. With Packaging Info.	XBO450W1 18V 1/CS 1/SKU
Application	Microscopy
Average Luminance (cd/cm ²)	45000
Average Rated Life - Horizontal (hr)	800
Base Anode	SFa20-8
Base Cathode	SFa20-10
Warranty Hours	800
Bulb	KO136
Class	C (gas)
Color Rendering Index (CRI)	98
Color Temperature (K)	6000
Cooling	Required
Current (A)	25
Current Control Range (A)	17-30
Diameter d (in)	1.142
Diameter d (mm)	29.00
Distance a (mm)	95.5
Family Brand Name	XBO®
Hot Restart	Yes
Lamp Finish	Clear
Length l1 max. (mm)	260
Length l2 max. (mm)	212
Light Center Length - LCL (mm)	95.5
Luminous Area w x h (mm)	0.7 x 2.2
Luminous Flux (lm)	13000
Luminous Intensity (cd)	1300
Maximum Base Temperature °C	230
Maximum Overall Length - MOL (mm)	260
Nominal Voltage (V)	17.00
Nominal Wattage (W)	450.00
Operating Position	s 100
Type of Current	DC

Footnotes

- s (Operating Position) = Vertical, base down
- This lamp has positive pressure even when cold. Please read safety/warning instructions before using this lamp.
- Distance a is from end of base to the respective electrode tip (cold) - see lamp drawing.
- With vertical operating position: anode(+) on top.