product details **HBO 50W/AC 39V 10X1 L1 OSRAM**

Product description:	HBO 50W/AC 39V 10X1 L1 OSRAM
Product code:	4050300507132
Quantity:	Folding carton box (FS) contains 1 Piece (PCE)

You can find this product in the eCatalog:
http://catalog.myosram.com?~language=EN&~country=COM&it_p=4050300507132

Additional product data	
Base (standard designation)	SFa6-2/8

Colors & materials	
Ingredients	Product may contain small amounts of Krypton-85 or Thorium - for detailed information please refer to www.MyOSRAM.com.

Electrical data	
Nominal wattage	50 W
Nominal voltage	39 V
Lamp wattage	50 W
Lamp voltage	39...45 V [1]

Dimensions & weight	
Diameter	10.0 mm
Mounting length	47.0 mm

Lifespan	
Lifespan	100 h

Light technical data	
Luminous flux	2000 lm [2]
Luminance	30000 cd/cm² [3]
Luminous intensity	230 cd [4]

Packaging units

Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4050300507132	Folding carton box contains 1 Piece	98,000 mm x 48,000 mm x 179,000 mm	70,000 g (0,000 g)	0,752 Cubic dec.
4050300507149	Shipping carton box contains 10 Piece	225,000 mm x 210,000 mm x 235,000 mm	796,000 g (0,000 g)	11,104 Cubic dec.

HBO lamps (up to and including 200 W) are short arc lamps in which the discharge arc burns in an atmosphere of mercury vapor and inert gas at high pressure. A cold lamp however is not at overpressure.**The most important properties and benefits**
• High radiance • Multi-line spectrum • High radiant power in the UV and the visible range
Applications
• Fluorescence microscopy • UV curing • A variety of light guide applications
Safety
Because of their high luminance, UV radiation and high internal pressure (when hot) HBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Mercury is released if the lamp breaks. Special safety precautions must be taken. More information is available on request or can be found in the leaflet included with the lamp or in the operating instructions.**Literature**
Further technical information on HBO lamps and information for manufacturers of operating equipment can be requested directly from OSRAM.

[1] Initial electrical values
[2] Typical initial photometric value
[3] Typical initial photometric value
[4] Typical initial photometric value