



Product description: HBO 200W/2 57V 10X1 L1 OSRAM
 Product code: 4050300508153
 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=4050300508153

Additional product data				
Base (standard designation)	SFc10-4/15			
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	200 W			
Nominal voltage	57 V			
Lamp wattage	200 W			
Lamp voltage	57...66 V ¹⁾			
Dimensions & weight				
Diameter	17.0 mm			
Mounting length	102.0 mm			
Lifespan				
Lifespan	400 h ²⁾			
Light technical data				
Nominal luminous flux	9500 lm			
Luminous flux	10000 lm ³⁾			
Luminance	40000 cd/cm ² ⁴⁾			
Luminous intensity	1000 cd ⁵⁾			
Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4050300508153	Folding carton box contains 1 Piece	95,000 mm x 48,000 mm x 165,000 mm	98,333 g (0,000 g)	0,752 Cubic dec.
4050300508160	Shipping carton box contains 10 Piece	225,000 mm x 210,000 mm x 235,000 mm	1 177,000 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) Reduced lifespan in AC operation
- 3) Typical initial photometric value
- 4) Typical initial photometric value
- 5) Typical initial photometric value