



Product description: XBO 450W OFR VS1 OSRAM
 Product code: 4008321082633
 Quantity: Shipping carton box (VS) contains
 1 Piece (PCE)

You can find this product in the eCatalog:

http://catalog.myosram.com?~language=EN&~country=COM&it_p=4008321082633

Capabilities				
Burning position	s30 ¹⁾			
Additional product data				
Base anode (standard designation)	SK27/50			
Base cathode (standard designation)	SFcX27-8			
Arc stability, horizontal	No			
Base (standard designation)	SFa20-8+SFa20-10			
Colors & materials				
Ingredients	Product may contain small amounts of Krypton-85 or Thorium - for detailed information please refer to www.MyOSRAM.com .			
Electrical data				
Construction wattage [AGGR]	0.45 kW			
Nominal wattage	450 W			
Nominal voltage	17 V			
Nominal current	25.00 A			
Current control range	17...30 A			
Dimensions & weight				
Diameter	29.0 mm			
Length	260.0 mm			
Mounting length	177.0 mm			
Lifespan				
Lifespan	2000 h			
Light technical data				
Luminous flux	13000 lm			
Luminous intensity	1300 cd			
Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321082633	Shipping carton box contains 1 Piece	184,000 mm x 180,000 mm x 410,000 mm	715,300 g (0,000 g)	13,579 Cubic dec.

**Safety**

Because of their high luminance, UV radiation and internal pressure in both the hot and cold state, XBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Always use the protective jackets supplied when handling these lamps. When packing the lamps and when installing or removing the lamps without their protective jackets, always wear protective clothing (face mask with neck protector and leather gloves with wrist protectors). For more information see the relevant in-pack leaflets and operating instructions. **Their main characteristics and advantages are as follows**

XBO lamps are double-ended short-arc discharge lamps in which the discharge arc burns between the two electrodes in an atmosphere of pure xenon gas.

• Very high luminance (point light source) • Daylight color temperature of approx. 6,000 K • High color rendering index ($R_a > 96$) • Continual color quality, irrespective of lamp type and lamp wattage • Hot restart • DC operation • Dimmable • Long life

Applications

• Classic 35 mm film projection • Digital film and video projection • Architectural and effect light (Light Finger) • Sunlight simulation

Disposal • The cold internal pressure of the lamp is approx. 8 bar of Xenon, the lamp must first be depressurized before it can be disposed. Place the lamp - in its protective jacket - in a plastic bag and drop it from a height of 1...1.5m onto a hard surface (e.g. concrete).

Literature

For more information on XBO lamps and their operation please refer to the following OSRAM brochures: • Guideline for control gear and igniters: XBO Xenon short arc lamps • Technology and application XBO cinema lamps

¹⁾ Anode on top