



Product description: XBO 1000W/HTP OFR ¹⁾
 Product code: 4008321081353
 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=4008321081353

Capabilities	
Cooling	Forced
Burning position	s30/p30 ²⁾

Certificates & standards	
ARROW advice	Product may contain small amounts of Krypton-85 or Thorium - for detailed information please refer to www.MyOSRAM.com.

Additional product data	
Arc stability, horizontal	Yes
Base anode (standard designation)	SFa25-14
Base cathode (standard designation)	SFc25-14

Electrical data	
Current control range	30...55 A
Nominal wattage	1000 W
Nominal voltage	21 V
Nominal current	45 A

Dimensions & weight	
Diameter	46 mm
Length with base excl. base pins/connect	330 mm
Light center length (LCL)	123 mm ³⁾
Mounting length	277 mm

Lifespan	
Lifespan	2400 h

Light technical data	
Luminous flux	35000 lm ⁴⁾

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4008321081353	Shipping carton box contains 1 Piece	204,000 mm x 200,000 mm x 500,000 mm	1 223,333 g (0,000 g)	20,400 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



product details

XBO 1000W/HTP OFR

- 1) OFR = Ozone-free version | H = Suitable for horizontal burning position | TP = Cable with threaded pins
- 2) For vertical burning position: anode (+) on top
- 3) Distance from end of base to tip of electrode (cold)
- 4) Measured in the vertical burning position