OSRAM

XBO 1600 W/HS XL OFR

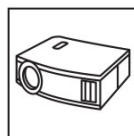## XBO | Xenon short-arc lamps 450...10,000 W

Areas of application

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

Product family benefits

– Short arc with very high luminance for brighter screen illumination
– Constant color temperature of 6,000 K throughout the entire lamp lifetime
– Easy to maintain
– High arc stability
– Instant light on screen thanks to hot restart function
– Wide dimming range

Product family features

– Color temperature: approx. 6,000 K (Daylight)
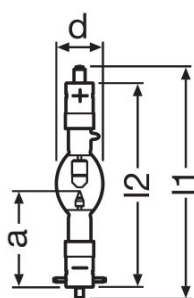– Wattage: 450...10,000 W
– Very good color rendering index: R_a >

Product datasheet

Electrical data

Nominal current	65.0 A
Lamp current	65.0 A
Current control range	50...75 A
Nominal wattage	1600.00 W
Nominal voltage	23.0 V

Dimensions & weight

Diameter	46.0 mm
Length	235.0 mm
Length with base excl. base pins/connection	205.00 mm
Light center length (LCL)	95.0 mm [1]
Cable/wire length, input side	-
Electrode gap cold	3.8 mm
Product weight	320.10 g

[1] Distance from end of base to tip of electrode (cold)

Temperatures & operating conditions

Max. permitted ambient temp. pinch point	230 °C

Lifespan

Lifespan	2500 h

Additional product data

Base anode (standard designation)	SFa27-11
Base cathode (standard designation)	SFcX27-8

Capabilities

Cooling	Forced
Burning position	Other [1]

[1] For vertical burning position: anode (+) on top

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172031714	XBO 1600 W/HS XL OFR	Shipping carton box 1	410 mm x 184 mm x 180 mm	13.58 dm³	883.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

—