Product datasheet

XBO 1000 W/HTP OFR

XBO for cinema projection | 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

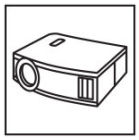
- Short arc with very high luminance for brighter screen illumination
- Constant color temperature of 6,000 K throughout the entire lamp lifetime
- Easy to maintain
- High arc stability
- Instant light on screen thanks to hot restart function
- Wide dimming range

Product family features

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







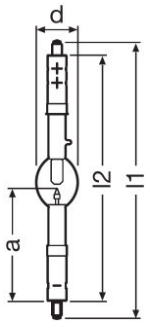
© 2024, OSRAM GmbH. All rights reserved.

Technical data

Electrical data

Nominal current	45 A
Current control range	30...55 A
Nominal wattage	1000.00 W
Nominal voltage	21.0 V

Dimensions & weight



Diameter	46.0 mm
Length	330.0 mm
Length with base excl. base pins/connection	277.00 mm
Light center length (LCL)	123.0 mm [1)]
Electrode gap cold	4.8 mm
Product weight	331.00 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	2400 h
Service Warranty Lifetime	3000 h

Additional product data

Base anode (standard designation)	SFa25-14
Base cathode (standard designation)	SFc25-14
Product remark	OFR = Ozone-free version/H = Suitable for horizontal burning position/TP = Cable with threaded pins

© 2024, OSRAM GmbH. All rights reserved.

Capabilities

Cooling	Forced
Burning position	s30/p30 [1)]

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

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	05-03-2024
Primary Article Identifier	4008321081353 | 4062172030243
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	4a09dcc0-a0da-4682-93fa-303d254e4c80

© 2024, OSRAM GmbH. All rights reserved.

Product datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172030243	XBO 1000 W/HTP OFR	Shipping carton box 1	500 mm x 204 mm x 204 mm	20.81 dm^3	1127.00 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.

© 2024, OSRAM GmbH. All rights reserved.