



Product features

- High luminance (point source)
- Color temperature approximately 6000K - simulates daylight
- Continuous spectrum in the visible range
- High color rendering > 95
- High arc stability
- DC operation
- Hot restart

Areas of application

- Digital
- Film
- Spotlights
- Searchlights
- Solar Simulation

Technical data

General product information

Product Name	XBO4500WDTPOFR 1/CS 1/SKU
Brand Name	OSRAM
General Description	4500 Watt Xenon High Pressure Digital Cinema Christie Projection Lamp
Application	Digital Cinema Projection
Product Remark	Do not tilt perpendicular to the filament.TP=Threaded PinDE=Double Endeds (Operating Position) = Vertical, base downp (Operating Position) = HorizontalElectrical data if lamp is operated on AC: Current=7.8 A, Volts=67 V.This lamp has positive pressure even when cold. Please read safety/warning instructions before using this lamp.Distance a is from end of base to the respective electrode tip (cold) - see lamp drawing.The QXL lamp allows easy one-hand replacement without opening the light fixture. 1/4 turn twist in/out, no tool required.With vertical operating position: anode(+) on top.D=DigitalHBO 350W (Product Number 69226) replaces HBO 350 W/G (Product Number 69227).Lamp base(s) with M 5x0.9 thread.Lamps suitable for pulse operation between 700W and 1000W. Maximum permissible average power is 750W (also for constant power operation).Available in two additional versions : HBO 1002 W/C (Product Number 69212) with 750hr life, and HBO 1002 W/CEL (Product Number 69177) with 2500hr life.

Electrical data

Nominal Wattage	4500 W
Nominal Voltage	30 V
Current (A)	150 A
Current Control Range (A)	108-155 A
Type of Current	DC

Light technical data

Light Center Length - LCL (mm)	165 mm
Warranty Hours (hr)	1000

Physical attributes

Base Anode	SFaX27-14
Base Cathode	SFc27-14
Bulb Shape	BTA60
Maximum Overall Length (mm)	433

Product datasheet

Length l1 max. (mm)	433 mm
Length l2 max. (mm)	384 mm
Diameter d (in)	2.362 in
Diameter d (mm)	60.00 mm
Distance a (mm)	165 mm
Electrode Gap - cold (mm)	5.8 mm
Reflector Coating	60.00

Additional product data

Operating Position	s15 p15
Maximum Base Temperature (°C)	230 C
Cooling	Required
Class	C (gas)

Download Data

File	
	Brochures XBO Cinema Digital Lamps and Projector X-Ref Brochure (EN)
	Declarations of conformity XBO Warranty For Application in Christie, Sony, NEC and Other Cinema Digital Projectors

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
	4008321372734	Shipping box (Case)	1	26.4 in x 12.2 in x 12.2 in	6.1 lb

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

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