

XBO 1600W/DHP 1/CS 1/SKU



Product features and benefits

- Extremely high luminance for digital cinema projection
- 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 Projection
- Film Projection
- Spotlights
- Searchlights
- Solar Simulation

Product datasheet

Technical data

General product information

Product Number	69840
Product Name	XBO 1600W/DHP 1/CS 1/SKU
Application	Digital Cinema Projection
Product Remark	<ul style="list-style-type: none">- OFR=Ozone Free- s (Operating Position) = Vertical, base down- p (Operating Position) = Horizontal- This lamp has positive pressure even when cold. Please read safety/warning instructions before using this lamp.

Electrical data

Nominal Wattage	1600 W
Nominal Voltage	21 V
Current (A)	78 A
Current Control Range (A)	57-86 A
Type of Current	DC

Light technical data

Axial Luminous Intensity (kcd)	1.2 X 3.0 kcd
Luminous Efficacy (lm/W)	37.5 lm/W
Light Center Length - LCL (mm)	123 mm
Average Rated Life	3000 h
Warranty Hours (hr)	3000 hrs
Service Warranty Lifetime (hr)	3800 hrs

Physical attributes

Base Anode	SFaX27-14X80
Base Cathode	SFc27-16/45
Bulb Shape	T14.5
Maximum Overall Length (mm)	345 mm
Length l (mm)	345 mm
Length l max. (mm)	345 mm
Distance a (mm)	123 mm
Electrode Gap - cold (mm)	3.5 mm

Additional product data

Operating Position	s15 p15
--------------------	---------

Product datasheet

Maximum Base Temperature (°C)	230 C
Cooling	Required

Packaging Information

Product number	EAN/UPC	Packaging	Quantity	Outside dimensions l x w x h	Gross weight
69840	4052899254831	Shipping box (Case)	1	23.2 in x 9.2 in x 9 in	3.2 lb
69840	4062172030465	Shipping box (Case)	1	19.7 in x 8 in x 8 in	2.8 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

OSRAM does not accept liability for errors, changes and omissions.