

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Product datasheet

XBO 150 W/4

XBO ≤ 450 W Double End



Areas of application

- Endoscopy
- Microscopy
- Surgical Headlamps
- Fiber Illumination
- Solar Simulation
- Imaging & Scanning

Product features and benefits

- High luminance / radiance with intense point source
- Color temperature approximately 6000 K (daylight) consistent through the life of the lamp
- High color rendering index: R_a >
- High arc stability
- High arc stability
- Hot restart capability
- Dimmable over a wide range
- Long lamp life





© 2026, OSRAM GmbH. All rights reserved.

Technical data

General Product Information

Product number (Americas)	69238
Product name (Americas)	XBO 150W/4 20V 10/CS 1/SKU
Family brand	XBO
Lamp type	DOUBLE ENDED
Product remark	Lamp uses a special quality of quartz glass, known as SUPRASIL, which – in comparison to conventional quartz – provides higher transmission below 250 nm
Global order reference	XBO 150 W/4

Electrical Data

Nominal wattage	150 W
Lamp voltage	17...21 V [1)]
Lamp current	7.5 A
Type of current	DC

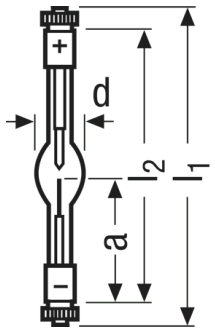
1) Initial voltage range

Photometric Data

Nominal luminous flux	3000 lm
Luminous intensity	300 cd [1)]
Color temperature	6000 K
Color rendering index Ra	98
Light center length (LCL)	57.0 mm

1) Typical initial photometric value

Physical Attributes & Dimensions



Electrode gap (cold)	2.5 mm
Base (anode)	SFc12-4

© 2026, OSRAM GmbH. All rights reserved.

Base (cathode)	SFcX12-4
Diameter (in)	39.331 in
Diameter	20.0 mm
Length	150.0 mm
Product weight	100.00 g

Operating Conditions

Burning position	s15 [1)]
Cooling	Forced

[1)] Anode (+) on top

Lifetime Data

Nominal lifetime	1200 hr
Average life - vertical	1200 hr

Additional product data

Product remark	Lamp uses a special quality of quartz glass, known as SUPRASIL, which – in comparison to conventional quartz – provides higher transmission below 250 nm

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4050300508382
Declaration no. in SCIP database	233c237a-3183-44a5-b9da-6dd186a65e22
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.

Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4050300508382	OSRXBO1504	-	-	-

© 2026, OSRAM GmbH. All rights reserved.

Safety advice

Because of their high luminance, UV radiation and high internal pressure in both the hot and cold state, XBO lamps must only be operated in appropriate enclosed casings. Always use the protective jackets supplied when handling these lamps. They may only be used as open lamps if appropriate safety measures are taken. More information is available on request or can be found in the leaflet included with the lamp or the operating instructions.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300508382	XBO 150 W/4	Folding carton box 1	100 mm x 59 mm x 245 mm	1.45 dm^3	191.00 g
4050300508399	XBO 150 W/4	Shipping carton box 10	256 mm x 211 mm x 312 mm	16.85 dm^3	2124.00 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.

© 2026, OSRAM GmbH. All rights reserved.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP