Product datasheet

HMI 2500 W/DXS

HMI Double End Lamps



Areas of application

- Studio, TV, & Film
- Professional & High Speed Photography
- Solar Simulation

Product features and benefits

- High intensity light providing true color performance with CRI up to 90
- Color temperature approximately 6000 K - simulates daylight
- Robust design provides durability during transport
- High energy efficiency providing up to 100 lumens/watt
- Capable of hot restrike ignition
- Compression sealed base provides enhanced durability
- High energy efficiency providing up to 100 lm/W
- Broad spectrum suitable for solar simulation applications









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Technical data

General Product Information

Product number (Americas)	54265
Product name (Americas)	HMI 2500W/DXS 1/CS 1/SKU
Family brand	HMI
Global order reference	HMI 2500 W/DXS

Electrical Data

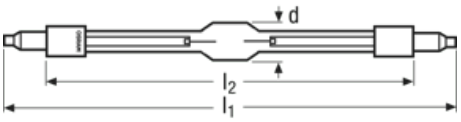
Nominal wattage	2500 W
Nominal voltage	115 V
Ignition voltage (cold/hot)	20/45 kVp [1)]
Nominal current	25.6 A
Type of current	AC

[1)] Max. 55 kV

Photometric Data

Nominal luminous flux	240000 lm
Color temperature	6000 K
Color rendering index Ra	90
Luminous efficacy	96 lm/W

Physical Attributes & Dimensions



Electrode gap (cold)	14.0 mm
Diameter (in)	1.260 in
Diameter	31.5 mm
Length	355.0 mm
Length with base excl. base pins/connection	290.00 mm
Product weight	196.00 g

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Lamp base	SFa21

Operating Conditions

Burning position	Other
Cooling	Convection
Maximum permitted ambient temperature at base	450 °C

Lifetime Data

Nominal lifetime	500 hr

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172436403 | 4008321182197 | 4062172436397
Declaration no. in SCIP database	No declarable substances contained
Candidate list substance 1	No declarable substances contained

Country specific information

Product code	METEL code	SEG-No.	STK number	UK Org
4008321182197	OSRHMI2500DXS	-	4836426	-

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Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, HMI lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Appropriate filters must ensure that UV radiation is reduced to an acceptable level. Mercury is released if the lamp breaks. Special safety precautions must be taken. Information on safety and handling is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321182197	HMI 2500 W/DXS	Shipping carton box 1	561 mm x 136 mm x 119 mm	9.08 dm^3	599.00 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.

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