Product datasheet

SHARXS HTI 700 W/D4/75

SharXS HTI | Metal halide lamps, double-ended

Areas of application

- Concert and effect lighting

Product family features

- High efficiency thanks to short-arc technology
- High thermal load capacity thanks to eXtreme Seal (XS) technology - enables high pinch temperatures of up to 450 °C
- Hot restart capability
- Compact modular design - the same dimensions for all wattages within each SharXS family
- Pre-focus base for accurate lamp installation

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Technical data

Electrical data

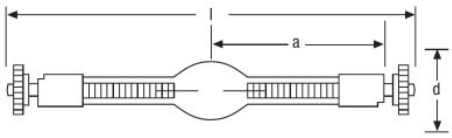
Nominal wattage	700.00 W
Nominal voltage	70.0 V
Ignition voltage	3.0 / 25 kVp [1]
Nominal current	10 A
Lamp current	10.0 A

[1] Cold / Hot

Photometrical data

Nominal luminous flux	59000 lm
Luminance	60000 cd/cm²
Color temperature	7500 K
Color rendering index Ra	>80

Dimensions & weight



Diameter	21.0 mm
Length	136.0 mm
Light center length (LCL)	57.5 mm

Temperatures & operating conditions

Maximum permitted pinch temperature	450 °C

Lifespan

Lifespan	750 h

Additional product data

Base (standard designation)	SFc10-4

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Product remark	Also available as an OEM package with 30 units without knurled nuts/XS = eXtreme Seal (maximum permissible foil temperature 450 °C)

Capabilities

Burning position	Any

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	05-03-2024
Primary Article Identifier	4008321285232
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4008321285232	OSRHTI700D475	-	-	-
4008321285249	OSRHTI700D475	-	-	-

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Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, SharXS 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
4008321285232	SHARXS HTI 700 W/D4/75	Shipping carton box 1	182 mm x 87 mm x 58 mm	0.92 dm^3	97.00 g
4008321285249	SHARXS HTI 700 W/D4/75	Shipping carton box 10	312 mm x 186 mm x 194 mm	11.26 dm^3	1120.00 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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