

HTI 705 W/SE XS

HTI | Metal halide lamps, single-ended



Product family benefits

- High luminance
- High luminous efficacy and efficiency



Technical data

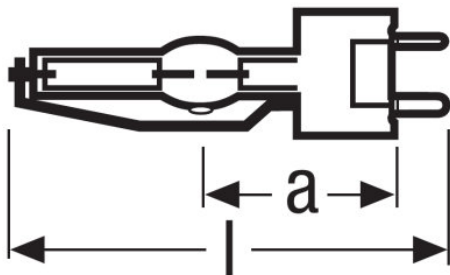
Electrical data

Nominal wattage	70000 W
Nominal voltage	700 V
Lamp voltage	70 V
Nominal current	1000 A
Lamp current	100 A

Photometrical data

Nominal luminous flux	57500 lm
Luminance	30000 cd/cm ²
Color temperature	5500 K
Color rendering index Ra	80
Luminous efficacy	85 lm/W

Dimensions & weight



Diameter	2400 mm ¹⁾
Length	850 mm
Light center length (LCL)	39.0 mm

¹⁾ Bulb including current bar

Lifespan

Lifespan	500 h
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Additional product data

Base (standard designation)	GY9.5
Product remark	SE = Single ended/XS = eXtreme Seal (maximum permissible foil temperature 450 °C)

Product datasheet

Capabilities

Burning position	p4 ¹⁾
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¹⁾ Current strap underneath

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	05-03-2024
Primary Article Identifier	4050300618074
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

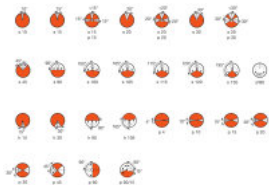
Country specific information

Product code	METEL code	SEG-No.	STK-Number	UK Org
4050300618074	OSRHTI705SE	-	-	-
4050300729398	OSRHTI705SE	-	-	-

Product datasheet

Safety advice

Because of their high luminance, UV radiation and high internal pressure during operation, HTI 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
4050300618074	HTI 705 W/SE XS	Shipping carton box 1	165 mm x 63 mm x 81 mm	0.84 dm ³	77.67 g
4050300729398	HTI 705 W/SE XS	Shipping carton box 10	- x - x -		

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.