

HTI 705 W/SE XS

HTI Single End | Traditional HTI metal halide single end lamps for reliable, long lasting performance



Areas of application

- Concert Lighting
- Club & Disco
- Stage & Theatre
- Studio, TV, & Film
- Architecture & Architainment

Product family benefits

- High luminance
- High luminous efficacy and efficiency



Product datasheet

Technical data

General Product Information

Product remark	SE = Single ended/XS = eXtreme Seal (maximum permissible foil temperature 450 °C)
Global order reference	HTI 705 W/SE XS

Electrical Data

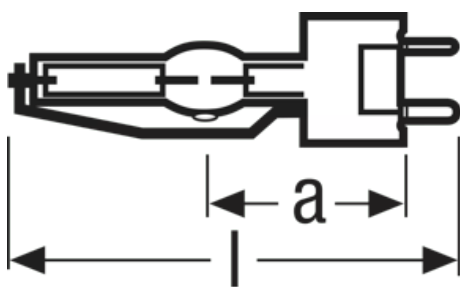
Nominal wattage	700 W
Nominal voltage	70.0 V
Ignition voltage	2.5 kVp ¹⁾
Nominal current	10 A
Type of current	AC

¹⁾ Cold

Photometric Data

Luminance	30000 cd/cm ²
Nominal luminous flux	57500 lm
Luminous efficacy	85 lm/W
Color temperature	5500 K
Color rendering index Ra	80
Light center length (LCL)	39.0 mm

Physical Attributes & Dimensions



Electrode gap (cold)	4.0 mm
Lamp base	GY9.5
Diameter (in)	0.945 in
Diameter	24.0 mm ¹⁾
Length	85.0 mm

Product datasheet

Product weight	18.00 g
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¹⁾ Bulb including current bar

Operating Conditions

Burning position	p4 ¹⁾
Cooling	Forced ²⁾
Max. permitted ambient temp. pinch point	350 °C ³⁾

¹⁾ Current strap underneath

²⁾ Fan

³⁾ Measured at Molybdenum foil / Pinch Seal region (eXtreme Seal Technology)

Lifetime Data

Nominal lifetime	500 hr
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Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary article identifier	4050300618074
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
4050300618074	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		- 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.
