

## HTI

Metal halide lamps, single-ended

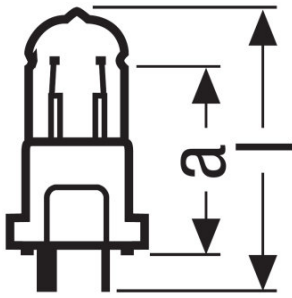


### Product family benefits

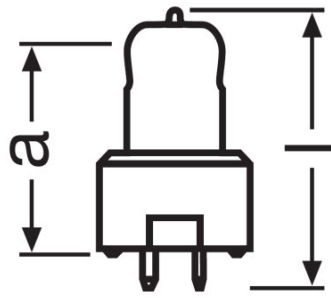
- High luminance
- High luminous efficacy and efficiency



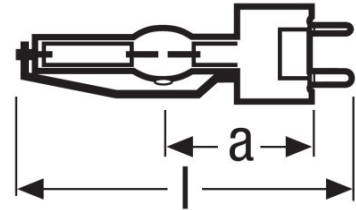
# Product family datasheet



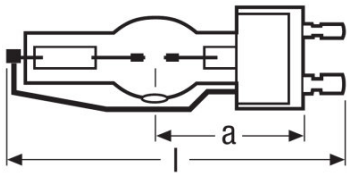
Product line drawing



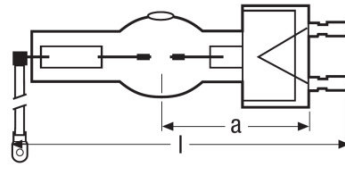
Product line drawing



Product line drawing



Product line drawing



Product line drawing

## Product family datasheet

### Technical data

Product description	Electrical data		Photometrical data			
	Nominal voltage	Nominal current	Nominal luminous flux	Luminance	Color temperature	Color rendering index Ra
HTI 150 W <sup>1)</sup>	95.0 V	1.6 A	9500 lm	5000 cd/cm <sup>2</sup>	6500 K	70
HTI 152 W	90.0 V	1.7 A		4200 cd/cm <sup>2</sup>	5000 K	> 80
HTI 705 W/SE XS <sup>2)</sup>	70.0 V	10.0 A	57500 lm	30000 cd/cm <sup>2</sup>	5500 K	80
HTI 1200 W/SE XS <sup>2)</sup>	95.0 V	13.8 A		26000 cd/cm <sup>2</sup>	5400 K	> 90
HTI 2500 W/SE XS <sup>3)</sup>	105 V	23.8 A	240000 lm	30000 cd/cm <sup>2</sup>	6000 K	90

Product description	Luminous efficacy	Dimensions & weight			Lifespan	Additional product data
		Diameter	Length	Light center length (LCL)		
HTI 150 W <sup>1)</sup>	67 lm/W	20.0 mm	46.0 mm	30.0 mm	750 h	GY9.5
HTI 152 W	67 lm/W	20.0 mm	48.0 mm	30.0 mm	2000 h	GY9.5
HTI 705 W/SE XS <sup>2)</sup>	85 lm/W	24.0 mm <sup>4)</sup>	85.0 mm	39.0 mm	500 h	GY9.5
HTI 1200 W/SE XS <sup>2)</sup>	85 lm/W	29.0 mm <sup>4)</sup>	135.0 mm	59.0 mm	750 h	GY22 <sup>6)</sup>
HTI 2500 W/SE XS <sup>3)</sup>	95 lm/W	33.0 mm	180.0 mm	85.0 mm	600 h	G22 <sup>7)</sup>

Product description	Capabilities	Certificates & standards
	Burning position	EEI – Energy Label
HTI 150 W <sup>1)</sup>	Any	B
HTI 152 W	Any	B
HTI 705 W/SE XS <sup>2)</sup>	p4 <sup>5)</sup>	B
HTI 1200 W/SE XS <sup>2)</sup>	Other <sup>5)</sup>	B
HTI 2500 W/SE XS <sup>3)</sup>	Other	B

<sup>1)</sup> Horizontal arc

<sup>2)</sup> SE = Single ended/XS = eXtreme Seal (maximum permissible foil temperature 450 °C)

<sup>3)</sup> Special GY22 base. The ignition voltage may be applied only to the thin pin/XS = eXtreme Seal (maximum permissible foil temperature 450 °C)/Important: The contact pins of the base are short-circuited; the electrode farthest from the base is connected via cable

<sup>4)</sup> Bulb including current bar

<sup>5)</sup> Current strap underneath

<sup>6)</sup> Special GY22 base. The ignition voltage may be applied only to the thin pin

<sup>7)</sup> Important: The contact pins of the base are short-circuited; the electrode farthest from the base is connected via cable

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### 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.

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### Application advice

For more detailed application information and graphics please see product datasheet.

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### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.