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 features and benefits

- High luminance
- High luminous efficacy and efficiency

Product family datasheet

Technical data

	General Product Information			
Product description	**Product number (Americas)**	**Product name (Americas)**	**Family brand**	**Lamp type**
HTI 150 W [1]	54078	HTI 150 W 12/CS 1/SKU	HTI	SINGLE END
HTI 152 W	54079	HTI 152 W 12/CS 1/SKU	HTI	
HTI 705 W/SE XS [2]				
HTI 1200 W/SE XS [2]	54141	HTI 1200 W/SE XS 1/CS 1/SKU	HTI	
HTI 2500 W/SE XS [3]				SINGLE END

		Electrical Data		
Product description	**Global order reference**	**Nominal wattage**	**Nominal voltage**	**Nominal current**
HTI 150 W [1]	HTI 150 W	150 W	95.0 V	1.6 A
HTI 152 W	HTI 152 W	152 W	90.0 V	1.7 A
HTI 705 W/SE XS [2]	HTI 705 W/SE XS	700 W	70.0 V	10 A
HTI 1200 W/SE XS [2]	HTI 1200 W/SE XS	1200 W	95.0 V	13.8 A
HTI 2500 W/SE XS [3]	HTI 2500 W/SE XS	2500 W	105 V	23.8 A

	Photometric Data	Physical Attributes & Dimensions		
Product description	**Nominal luminous flux**	**Electrode gap (cold)**	**Lamp base**	**Diameter**
HTI 150 W [1]	9500 lm	5.0 mm	GY9.5	20.0 mm
HTI 152 W	10000 lm	6.8 mm	GY9.5	20.0 mm
HTI 705 W/SE XS [2]	57500 lm	4.0 mm	GY9.5	24.0 mm [6]
HTI 1200 W/SE XS [2]	105000 lm	7.0 mm	GY22 [8]	29.0 mm [6]
HTI 2500 W/SE XS [3]	240000 lm	14.0 mm	G22 [9]	33.0 mm

Product description	**Diameter (in)**	**Length**	**Product weight**	**Connector: presence**
HTI 150 W [1]	0.787 in	46.0 mm	9.30 g	
HTI 152 W	0.787 in	48.0 mm	9.50 g	
HTI 705 W/SE XS [2]	0.945 in	85.0 mm	18.00 g	
HTI 1200 W/SE XS [2]	1.142 in	135.0 mm	100.00 g	
HTI 2500 W/SE XS [3]	1.299 in	180.0 mm	138.00 g	Yes

	Operating Conditions			Lifetime Data
Product description	**Burning position**	**Cooling**	**Max. permitted ambient temp. pinch point**	**Nominal lifetime**
HTI 150 W [1]	Any	Forced [4]	450 °C [5]	750 hr
HTI 152 W	Any	Forced [4]	450 °C [5]	2000 hr
HTI 705 W/SE XS [2]	p4 [7]	Forced [4]	350 °C [5]	500 hr
HTI 1200 W/SE XS [2]	Other [7]	Forced [4]	450 °C [5]	750 hr

	Operating Conditions			Lifetime Data
Product description	**Burning position**	**Cooling**	**Max. permitted ambient temp. pinch point**	**Nominal lifetime**
HTI 2500 W/SE XS [3]	Other	Forced [4]	450 °C [5]	600 hr

	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)			
Product description	**Primary article identifier**	**Declaration no. in SCIP database**	**Candidate list substance 1**	**CAS No. of substance 1**
HTI 150 W [1]	4050300301402	In work		
HTI 152 W	4050300461519	In work		
HTI 705 W/SE XS [2]	4050300618074	No declarable substances contained	No declarable substances contained	
HTI 1200 W/SE XS [2]	4050300371153	No declarable substances contained	No declarable substances contained	
HTI 2500 W/SE XS [3]	4050300371146	3978605c-1e11-462a-9ec2-94ccc12ef473	Lead	7439-92-1

Product description	**Safe use instruction**
HTI 150 W [1]	
HTI 152 W	
HTI 705 W/SE XS [2]	
HTI 1200 W/SE XS [2]	
HTI 2500 W/SE XS [3]	The identification of the Candidate List substance is sufficient to allow safe use of the article.

[1] Horizontal arc

[2] SE = Single ended/XS = eXtreme Seal (maximum permissible foil temperature 450 °C)

[3] 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

[4] Fan

[5] Measured at Molybdenium foil / Pinch Seal region (eXtreme Seal Technology)

[6] Bulb including current bar

[7] Current strap underneath

[8] Special GY22 base. The ignition voltage may be applied only to the thin pin

[9] Important: The contact pins of the base are short-circuited; the electrode farthest from the base is connected via cable

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.

Application advice

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

Disclaimer

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