

HTI Single End



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 V	1.6 A
HTI 152 W	HTI 152 W	152 W	90 V	1.7 A
HTI 705 W/SE XS ²⁾	HTI 705 W/SE XS	700 W	70 V	10 A
HTI 1200 W/SE XS ²⁾	HTI 1200 W/SE XS	1200 W	95 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)	Diameter	Length	Product weight
HTI 150 W ¹⁾	0.787 in	20.0 mm	46.0 mm	9.30 g
HTI 152 W	0.787 in	20.0 mm	48.0 mm	9.50 g
HTI 705 W/SE XS ²⁾	0.945 in	24.0 mm	85.0 mm	18.00 g
HTI 1200 W/SE XS ²⁾	1.142 in	29.0 mm	135.0 mm	100.00 g
HTI 2500 W/SE XS ³⁾	1.299 in	33.0 mm	180.0 mm	138.00 g

		Operating Conditions		
Product description	Connector: presence	Burning position	Cooling	Max. permitted ambient temp. pinch point
HTI 150 W ¹⁾		Any	Forced ⁴⁾	450 °C ⁵⁾
HTI 152 W		Any	Forced ⁴⁾	450 °C ⁵⁾
HTI 705 W/SE XS ²⁾		p4 ⁷⁾	Forced ⁴⁾	350 °C ⁵⁾
HTI 1200 W/SE XS ²⁾		Other ⁷⁾	Forced ⁴⁾	450 °C ⁵⁾

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Product description	Connector: presence	Operating Conditions		
		Burning position	Cooling	Max. permitted ambient temp. pinch point
HTI 2500 W/SE XS ³⁾	Yes	Other	Forced ⁴⁾	450 °C ⁵⁾

Product description	Lifetime Data	Environmental & Regulatory Information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
		Primary article identifier	Declaration no. in SCIP database	Candidate list substance 1
HTI 150 W ¹⁾	750 hr	4050300301402	In work	
HTI 152 W	2000 hr	4050300461519	In work	
HTI 705 W/SE XS ²⁾	500 hr	4050300618074	No declarable substances contained	No declarable substances contained
HTI 1200 W/SE XS ²⁾	750 hr	4050300371153	No declarable substances contained	No declarable substances contained
HTI 2500 W/SE XS ³⁾	600 hr	4050300371146	3978605c-1e11-462a-9ec2-94ccc12ef473	Lead

Product description	CAS No. of substance 1	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⁾	7439-92-1	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 Molybdenum 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

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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.

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.