

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

| Product description | General Product Information | | | |
|--------------------------------|-----------------------------|-----------------------------|--------------|------------|
| | 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 |

| Product description | Global order reference | Electrical Data | | |
|--------------------------------|------------------------|-----------------|-----------------|-----------------|
| | | 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 |

| Product description | Photometric Data | Physical Attributes & Dimensions | | |
|--------------------------------|-----------------------|----------------------------------|--------------------|-----------------------|
| | 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 |

| Product description | Connector: presence | Operating Conditions | | |
|--------------------------------|---------------------|----------------------|----------------------|--|
| | | 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⁾ |

Product family datasheet

| 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) | | |
|--------------------------------|------------------|---|--------------------------------------|------------------------------------|
| | Nominal lifetime | 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.