

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 features and benefits

- High luminance
- High luminous efficacy and efficiency



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

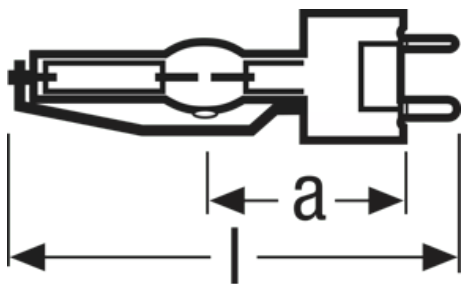
| | |
|------------------|-----------------------|
| Nominal wattage | 700 W |
| Nominal voltage | 70.0 V |
| Ignition voltage | 2.5 kVp ¹⁾ |
| Nominal current | 10 A |
| Type of current | AC |

¹⁾ Cold

Photometric Data

| | |
|---------------------------|--------------|
| Luminance | 30000 cd/cm² |
| 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 |
|----------------|---------|

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 |
|------------------|--------|

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.