

## HTI 705 W/SE XS

HTI | Metal halide lamps, single-ended



### Product family benefits

- High luminance
- High luminous efficacy and efficiency



Technical data

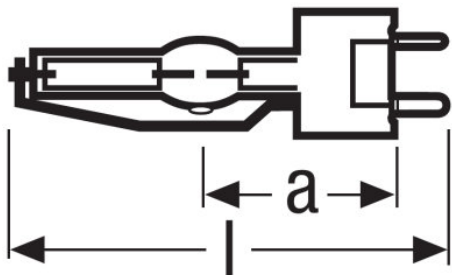
Electrical data

|                 |         |
|-----------------|---------|
| Nominal wattage | 70000 W |
| Nominal voltage | 700 V   |
| Lamp voltage    | 70 V    |
| Nominal current | 1000 A  |
| Lamp current    | 100 A   |

Photometrical data

|                          |                          |
|--------------------------|--------------------------|
| Nominal luminous flux    | 57500 lm                 |
| Luminance                | 30000 cd/cm <sup>2</sup> |
| Color temperature        | 5500 K                   |
| Color rendering index Ra | 80                       |
| Luminous efficacy        | 85 lm/W                  |

Dimensions & weight



|                           |                       |
|---------------------------|-----------------------|
| Diameter                  | 2400 mm <sup>1)</sup> |
| Length                    | 850 mm                |
| Light center length (LCL) | 39.0 mm               |

<sup>1)</sup> Bulb including current bar

Lifespan

|          |       |
|----------|-------|
| Lifespan | 500 h |
|----------|-------|

Additional product data

|                             |   |
|-----------------------------|---|
| Base (standard designation) | GY9.5   |
| Product remark              | SE = Single ended/XS = eXtreme Seal (maximum permissible foil temperature 450 °C) |

Product datasheet

Capabilities

|                  |                  |
|------------------|------------------|
| Burning position | p4 <sup>1)</sup> |
|------------------|------------------|

<sup>1)</sup> Current strap underneath

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                    |
|---|------------------------------------|
| Date of Declaration   | 05-03-2024                         |
| Primary Article Identifier  | 4050300618074                      |
| Candidate List Substance 1  | No declarable substances contained |
| Declaration No. in SCIP database                                      | No declarable substances contained |

Country specific information

| Product code  | METEL code  | SEG-No. | STK-Number | UK Org |
|---------------|-------------|---------|------------|--------|
| 4050300618074 | OSRHTI705SE | -       | -          | -      |
| 4050300729398 | 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<br>(Pieces/Unit) | Dimensions (length<br>x width x height) | Volume               | Gross weight |
|---------------|---------------------|---------------------------------|---|----------------------|--------------|
| 4050300618074 | HTI 705 W/SE XS     | Shipping carton box<br>1        | 165 mm x 63 mm x<br>81 mm               | 0.84 dm <sup>3</sup> | 77.67 g      |
| 4050300729398 | HTI 705 W/SE XS     | Shipping carton box<br>10       | - 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.