

## HQI-T 150 W/NDL UVS G12

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POWERSTAR HQI-T G12 | Metal halide lamps with quartz technology for enclosed luminaires



- Shopping arcades
- Exhibition halls and trade fairs
- Factories and workshops
- Pedestrian zones, public squares
- Buildings, monuments, bridges

### Product benefits

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- High efficiency
- Good to excellent color rendering
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

### Product features

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- POWERSTAR quartz technology
- UV filter technology
- Light colors: warm white (WDL), neutral white (NDL)
- Average life: 9,000 hours



## Technical data

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### Electrical data

Nominal wattage	150 W
PFC capacitor at 50 Hz	20 $\mu$ F <sup>1)</sup>
Lamp current	1.8 A
Rated wattage	150 W

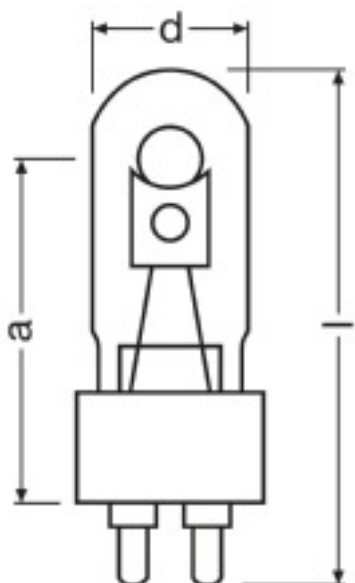
<sup>1)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

### Light technical data

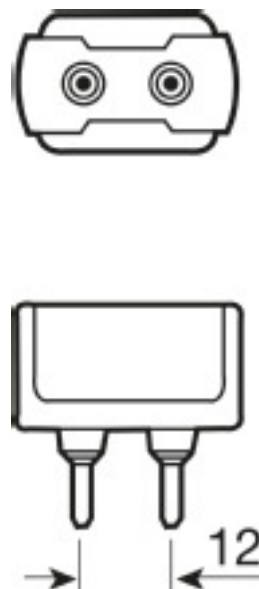
Luminous flux	13000 lm
Color rendering index Ra	85
Color rendering group	1B
Color temperature	4200 K
Luminous efficacy	87 lm/W

### Dimensions & weight

Diameter	25.0 mm
Length	84.0 mm
Light center length (LCL)	56.0 mm



Product line drawing with letters



Base

### Colors & materials

Mercury-free	No
Lamp mercury content	23.0 mg

### Temperatures

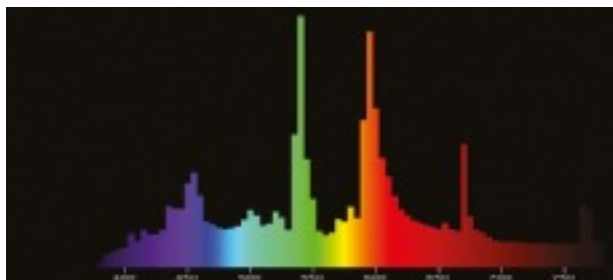
Maximum permitted outer bulb temperature	550 °C
Maximum permitted pinch temperature	280 °C

### Lifespan

Lifespan B50	9000 h
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### Additional product data

Base (standard designation)	G12
Design / version	Clear



*Spectral power distribution*

**Capabilities**

<b>Dimmable</b>	No
<b>Burning position</b>	Any <sup>1)</sup>

<sup>1)</sup> For horizontal burning position, mount holder so that lamp electrodes are not arranged one on top of the other

**Country specific categorizations**

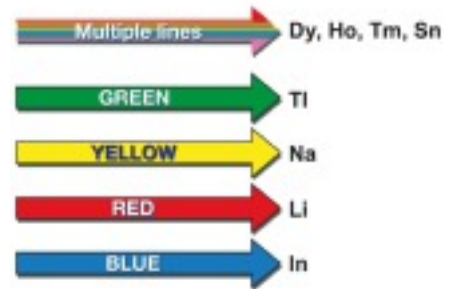
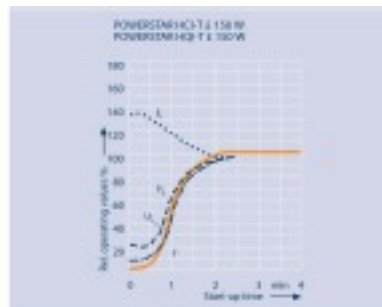
<b>ILCOS</b>	MT/UB-150/42/1B-H-G12-25/84
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## System guarantee

For the vast majority of our lamps we are offering an extended system guarantee in conjunction with OSRAM POWERTRONIC control gear.

## Safety advice

Burning position: For the horizontal burning position, mount the holder so that the lamp electrodes are not arranged one on top of the other.

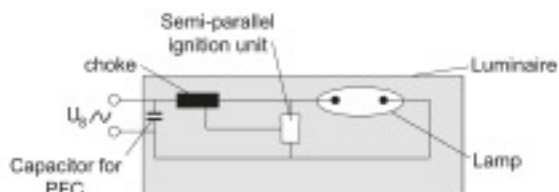
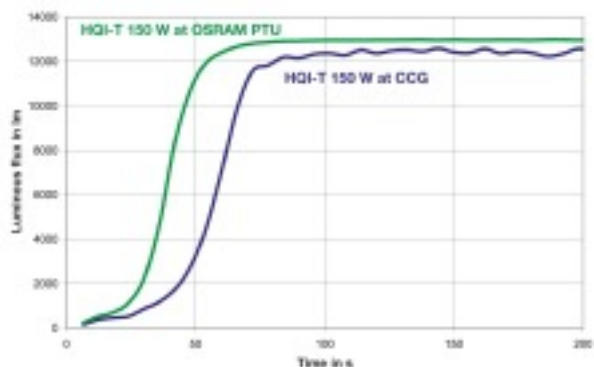


### Variation possibilities of the Colour Temperature

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Daylight	D	> 5300 K	≥90
Neutral White	N	ca. 4000 K	60-69
Neutral White de luxe	NDL	4200 K	≥80
Warm White de luxe	WDL	3000 K	≥80

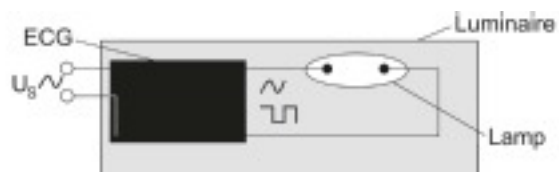
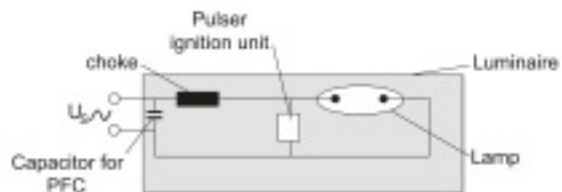
*Others graphics*

*Others graphics*



*Others graphics*

*Circuit diagram*



*Circuit diagram*

*Circuit diagram*

**Logistical Data**

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321974365	Folding carton box 1	42 mm x 42 mm x 111 mm	40.00 g	0.20 dm <sup>3</sup>
4008321974372	Shipping carton box 12	140 mm x 127 mm x 180 mm	567.00 g	3.20 dm <sup>3</sup>

## References / Links

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For more information on the system guarantee and the terms and conditions of the guarantee visit

▶ [www.osram.com/system-guarantee](http://www.osram.com/system-guarantee)

## Disclaimer

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