

HQI-T 70 W/WDL G12

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



Product benefits

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

Product features

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



Technical data

Electrical data

Nominal wattage	70 W
PFC capacitor at 50 Hz	12 μ F ¹⁾
Lamp current	1 A
Rated wattage	75 W

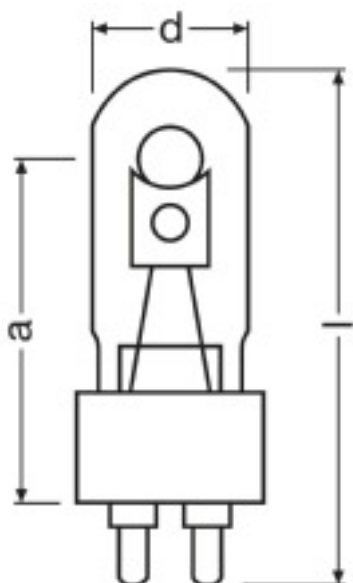
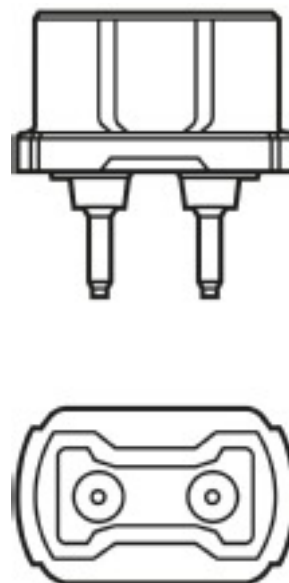
¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

Light technical data

Luminous flux	5300 lm
Color rendering index Ra	76
Color rendering group	2A
Color temperature	3000 K

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	10.0 mg

Temperatures

Maximum permitted pinch temperature	280 °C
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Lifespan

Lifespan B50	9000 h
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Additional product data

Base (standard designation)	G12
Design / version	Clear

Capabilities

Burning position	Any ¹⁾
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¹⁾ For horizontal burning position, mount holder so that lamp electrodes are not arranged one on top of the other

Lamp-ECG combination (System)

PT-FIT 70 B

Products

PT-FIT 70 B

PT-FIT 70 I

Products

PT-FIT 70 I

PT-FIT 70 S

Products

PT-FIT 70 S

PTi 2x70/220-240 I

Products

PTi 2x70 I

PTi 2x70/220-240 S

Products

PTi 2x70 S

PTi 70 SNAP

Products

PTi 70 SNAP

PTi 70/220-240 I

Products

PTi 70 I

PTi 70/220-240V B

Products

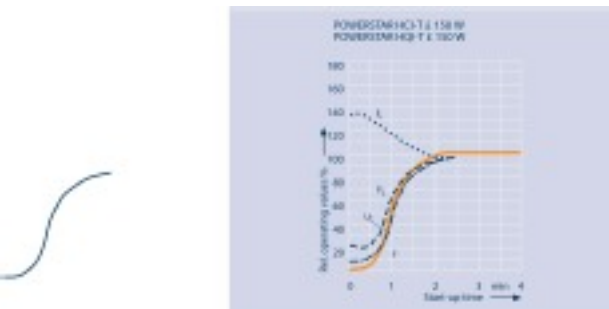
PTi 70 B

System guarantee

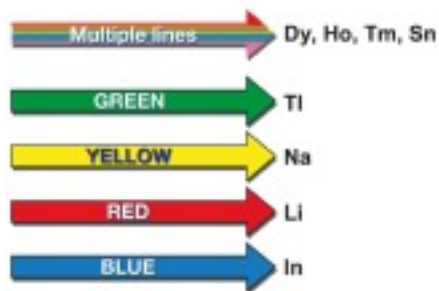
For the vast majority of our lamps we are offering an extended system guarantee in conjunction with OSRAM POWERTRONIC control gear.

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.



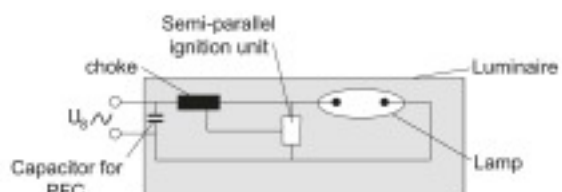
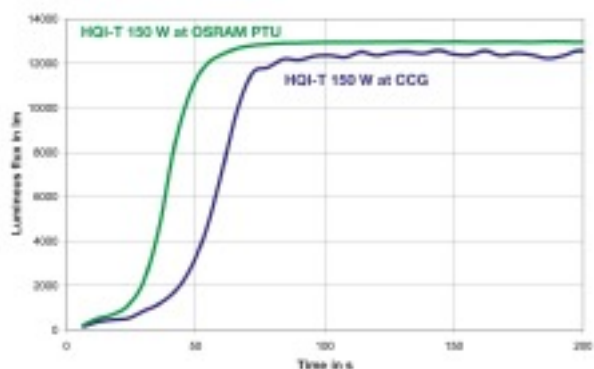
Others graphics



Variation possibilities of the Colour Temperature

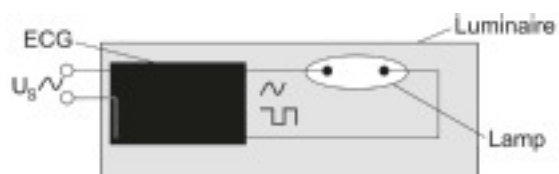
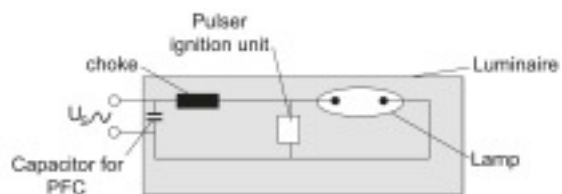
		T _n	CRI
Daylight	D	> 5300 K	≥90
Neutral White	N	ca. 4000 K	60-69
Neutral White de luxe	NDL	4200 K	≥80
Warm White de luxe	WDL	3000 K	≥80

Others graphics



Others graphics

Circuit diagram



Circuit diagram

Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321974341	Folding carton box 1	42 mm x 42 mm x 111 mm	40.00 g	0.20 dm ³
4008321974358	Shipping carton box 12	140 mm x 127 mm x 180 mm	567.00 g	3.20 dm ³

References / Links

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

▶ www.osram.com/system-guarantee

Disclaimer

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