

HQI-TS 70 W/WDL RX7S

POWERSTAR HQI-TS EXCELLENCE | Metal halide lamps with quartz technology for enclosed luminaires



- Shop interiors, shop windows
- Shopping arcades
- Foyers, reception areas
- Buildings, monuments, bridges
- Museums, exhibitions
- Exhibition halls and trade fairs
- Pedestrian zones, public squares
- Parks and gardens

Product benefits

- High efficiency
- Uniform distribution of light
- Good to excellent color rendering
- Long life time
- Hot restrike capable

Product features

- POWERSTAR quartz technology
- UV filter technology
- Light colors: warm white (WDL), neutral white (NDL), daylight (D), cool daylight (CD)
- Average life: 12,000 hours



Technical data

Electrical data

Nominal wattage	70 W
PFC capacitor at 50 Hz	12 μ F ¹⁾
Lamp current	1 A
Rated wattage	78 W

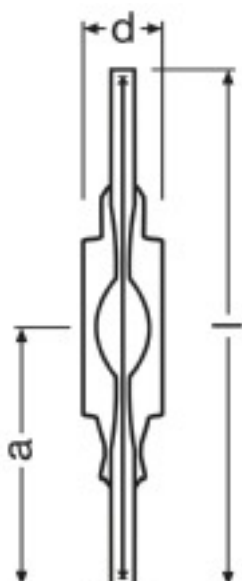
¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

Light technical data

Luminous flux	6200 lm
Color rendering index Ra	75
Color rendering group	2A
Color temperature	3000 K
Luminous efficacy	77 lm/W

Dimensions & weight

Diameter	19.0 mm
Length	117.0 mm
Light center length (LCL)	57.0 mm



Product line drawing with letters

Colors & materials

Mercury-free	No
Lamp mercury content	12.6 mg

Temperatures

Maximum permitted pinch temperature	350 °C
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Lifespan

Lifespan B50	12000 h
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Additional product data

Base (standard designation)	RX7s
Design / version	Clear

Capabilities

Dimmable	No
Burning position	p45

Country specific categorizations

ILCOS	MD/UB-70/30/2A-H-RX7s-19/114.2/H
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Lamp-ECG combination (System)

PT-FIT 70 B

Nominal wattage + Power loss	0.00 (W)
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Products

PT-FIT 70 B

PT-FIT 70 I

Nominal wattage + Power loss	0.00 (W)
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Products

PT-FIT 70 I

PT-FIT 70 S

Nominal wattage + Power loss	0.00 (W)
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Products

PT-FIT 70 S

PTi 2x70/220-240 I

Nominal wattage + Power loss	0.00 (W)
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Products

PTi 2x70 I

PTi 2x70/220-240 S

Nominal wattage + Power loss	0.00 (W)
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Products

PTi 2x70 S

PTi 70 SNAP

Nominal wattage + Power loss	0.00 (W)
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Products

PTi 70 SNAP

PTi 70/220-240 I

Nominal wattage + Power loss	0.00 (W)
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Products

PTi 70 I

PTi 70/220-240 S

Nominal wattage + Power loss	0.00 (W)
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Products

PTi 70 S

PTi 70/220-240V B

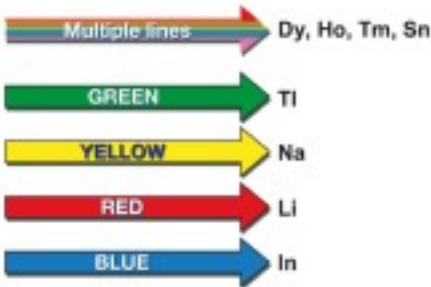
Nominal wattage + Power loss	0.00 (W)
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Products

PTi 70 B

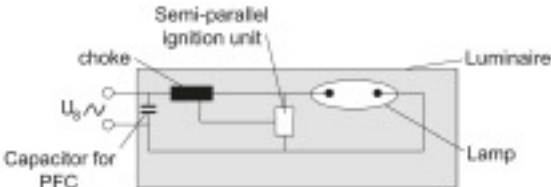
System guarantee

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



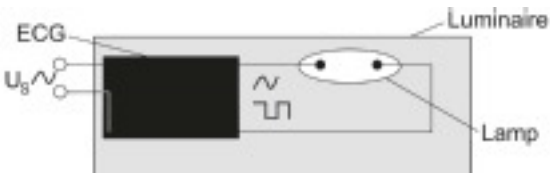
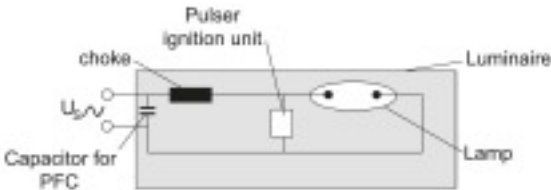
Variation possibilities of the Colour Temperature

		Tn	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

Circuit diagram



Circuit diagram

Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321678300	Folding carton box 1	35 mm x 35 mm x 121 mm	28.00 g	0.15 dm ³
4008321678317	Shipping carton box 12	118 mm x 136 mm x 149 mm	386.00 g	2.39 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.