

HQI-TS 70 W/NDL 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

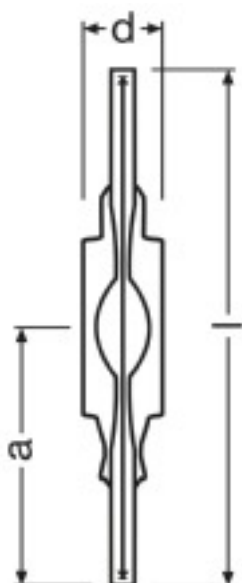
¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

Light technical data

Luminous flux	6500 lm
Color rendering index Ra	85
Color rendering group	1B
Color temperature	4200 K
Luminous efficacy	83 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	10.6 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-70/42/1B-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

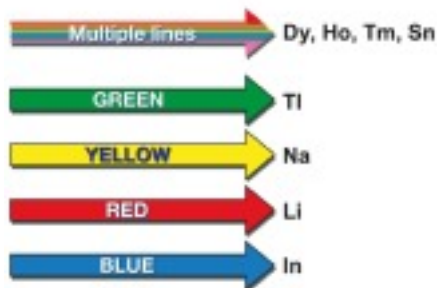
Nominal wattage + Power loss	0.00 (W)
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Products

PTi 70 B

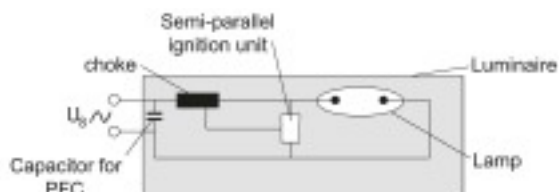
System guarantee

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



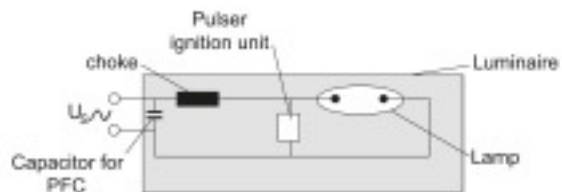
Variation possibilities of the Colour Temperature

		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

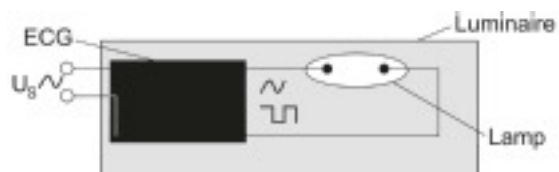


Circuit diagram

Others graphics



Circuit diagram



Circuit diagram

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.