

## HQI-TS 70 W/WDL RX7S

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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

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

### Product features

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- 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

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### Electrical data

Nominal wattage	70 W
PFC capacitor at 50 Hz	12 $\mu$ F <sup>1)</sup>
Lamp current	1 A
Rated wattage	78 W
Rated lamp efficacy (standard condition)	80 lm/W

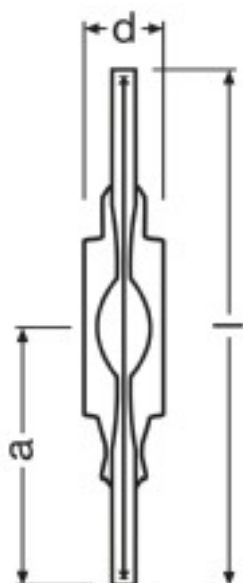
<sup>1)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

### 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**

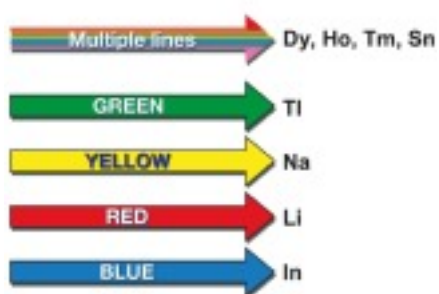
<b>Dimmable</b>	No
<b>Burning position</b>	p45

**Country specific categorizations**

<b>ILCOS</b>	MD/UB-70/30/2A-H-RX7s-19/114.2/H
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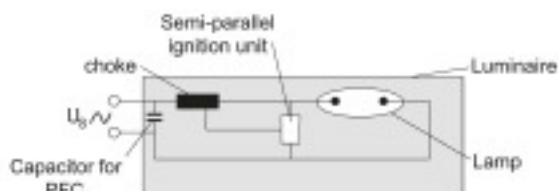
## System guarantee

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



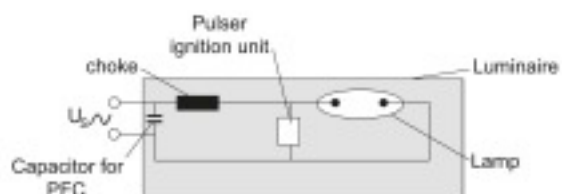
Variation possibilities of the Colour Temperature

		$T_n$	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



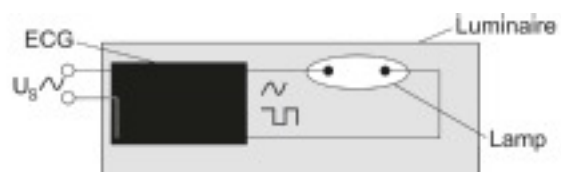
*Others graphics*

*Circuit diagram*



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*Circuit diagram*



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*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 <sup>3</sup>
4008321678317	Shipping carton box 12	118 mm x 136 mm x 149 mm	386.00 g	2.39 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.