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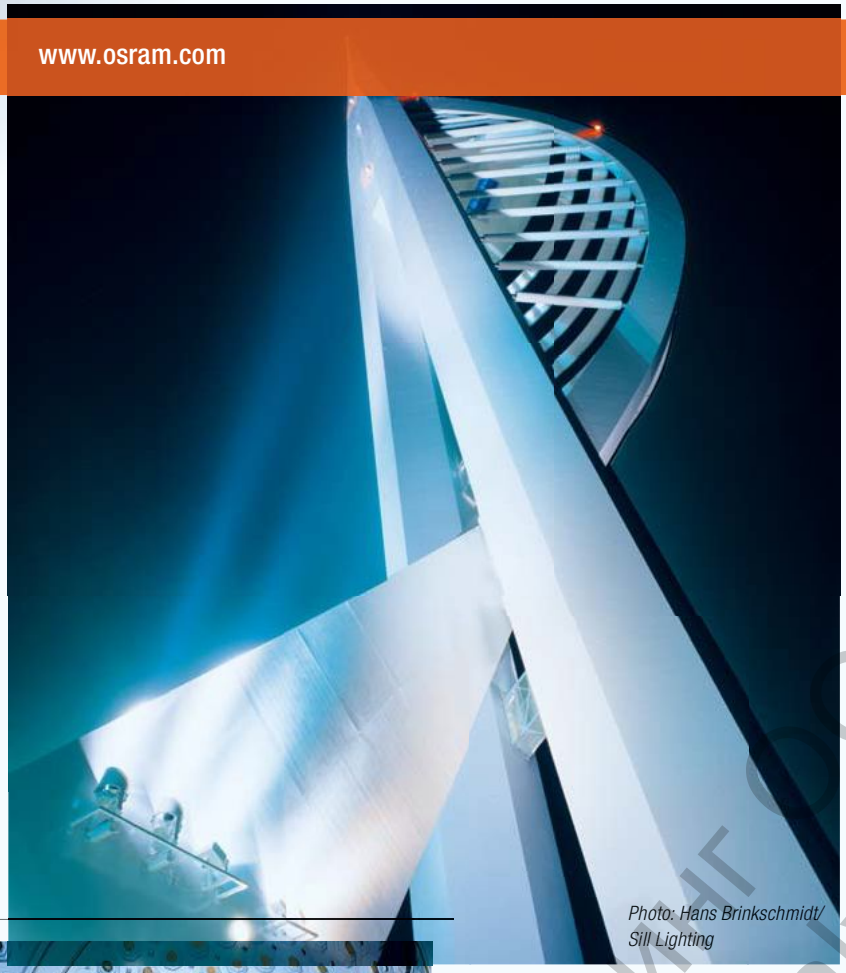
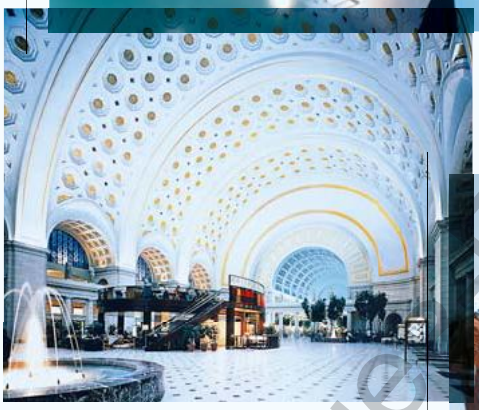


Photo: Hans Brinkschmidt/ Sill Lighting





Peek & Cloppenburg

OSRAM POWERSTAR HQI®



HQI®-TS Excellence 70 W + 150 W

Your benefits:

- Excellent price/performance ratio
- Direct replacement for HQI®-TS 70 or 150 W
- Slimmer design – for more compact luminaires and better luminous efficiency
- Excellent directability and high luminaire efficiency
- Extremely intense light throughout their entire life
- Excellent distribution of light and color rendering
- 3 light colors: Warm White DE LUXE, Neutral White DE LUXE, Daylight
- Long average life of 12000 hours – comparable lamps from other manufacturers last only 9000 hours
- Approx. 30 % longer life in systems with POWERTRONIC®
- UV filter technology
- Hot restart
- Enormous versatility: industrial, commercial and shop lighting, building spotlighting
- Counterfeit protection
- Made in Germany

IN LIGHT COLORS WDL, NDL, D

POWERSTAR HQI®-TS Excellence 70 W and 150 W metal halide lamps

The latest innovation in quartz technology: HQI®-TS lamps now even better and more compact.

SEE THE WORLD IN A NEW LIGHT

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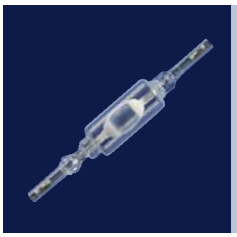
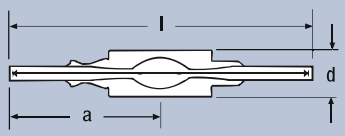
TECHNICAL DATA





UV FILTER

OSRAM POWERSTAR HQI®-TS Excellence

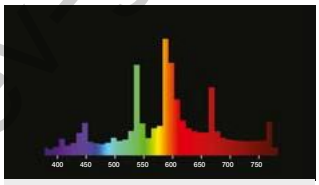
Lamp reference	HQI-TS 70W/WDL Excellence	HQI-TS 70W/NDL Excellence	HQI-TS 70W/D Excellence	HQI-TS 150W/WDL Excellence	HQI-TS 150W/NDL Excellence	HQI-TS 150W/D Excellence
Wattage	70 W	70 W	70 W	150 W	150 W	150 W
Lamp voltage	100 V	100 V	100 V	95 V	95 V	100 V
Required ignition voltage min./max.	3.6/5 kV	3.6/5 kV	3.6/5 kV	3.6/5 kV	3.6/5 kV	3.6/5 kV
Lamp current	1 A	1 A	1 A	1.8 A	1.8 A	1.8 A
Luminous flux	6 200 lm	6 500 lm	6 200 lm	12 000 lm	12 500 lm	13 500 lm
Luminous efficiency	80 lm/W	83 lm/W	80 lm/W	80 lm/W	83 lm/W	90 lm/W
Light color	WDL	NDL	D	WDL	NDL	D
Color temperature	3 000 K	4 200 K	5 600 K	3 000 K	4 200 K	5 600 K
Color rendering index R_a	75	85	80	75	85	80
Base	RX7s	RX7s	RX7s	RX7s-24	RX7s-24	RX7s-24
Diameter d	19 mm	19 mm	19 mm	23 mm	23 mm	23 mm
Length max. l	117 mm	117 mm	117 mm	135 mm	135 mm	135 mm
LCL a	58.5 mm	58.5 mm	58.5 mm	67.5 mm	67.5 mm	67.5 mm
Burning position	p 45	p 45	p 45	p 45	p 45	p 45
Average lamp life	12 000 h	12 000 h	12 000 h	12 000 h	12 000 h	12 000 h
Max. perm. outer bulb edge temp.	350 °C	350 °C	350 °C	350 °C	350 °C	350 °C
Comp. cap. at 50 Hz	12 µF	12 µF	12 µF	20 µF	20 µF	20 µF
EAN	4008321**149619**	4008321**149596**	4008321**149572**	4008321**149695**	4008321**149671**	4008321**149657**
Standard pack	12	12	12	12	12	12

Distribution of light – a comparison

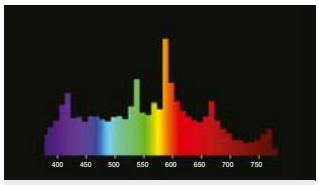


HQI®- TS *HQI®- TS Excellence*

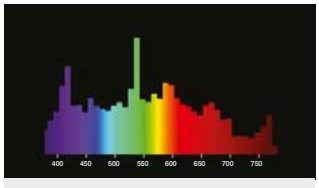
This technical development of the successful HQI®-TS does not have an exhaust tube. The innovative HQI®-TS Excellence has a much improved direction-neutral distribution of light. Can be used as a direct replacement for HQI®-TS for easier handling thanks to simplified base.



HQI®-TS/WDL Excellence



HQI®-TS/NDL Excellence



HQI®-TS/D Excellence



System+ Guarantee.
POWERSTAR HQI®-TS Excellence lamps can be operated with perfect results and a high degree of intelligence with the appropriate POWERTRONIC® control gear from OSRAM. 5-year ECG guarantee in systems with POWERTRONIC® and 1-year guarantee on HCI®/HQI® lamps from OSRAM (after registering the system and under certain conditions of use; for terms and conditions and information on registration go to www.osram.com/system-guarantee).

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