

# PRODUCT FAMILY DATASHEET

## POWERSTAR HQI-TS

Long arc, no outer bulb for enclosed luminaires



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### AREAS OF APPLICATION

- Sports stadiums and floodlight systems
- Industrial installations
- Airports
- Docks and port facilities
- Marshaling yards, container transshipment facilities
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Very high efficiency
- Very high luminous flux
- Long lifetime
- May be operated on conventional igniters and control gear
- Ideal for compact floodlights
- Good positioning thanks to K12s base

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### PRODUCT FEATURES

- POWERSTAR quartz technology



TECHNICAL DATA

Product description	Electrical data						Photometrical data				
	Rated wattage	Lamp current	PFC capacitor at 50 Hz	Nominal wattage	Nominal voltage	Ignition voltage	Rated lamp efficacy (standard condition)	Rated luminous flux	Color temperature	Light color	Rated LLMF at 2,000 h
HQI-TS 2000 W/N/L	2150.00 W	10.4 A	60 µF <sup>1)</sup>	2000.00 W	200 V	4.0 / 36 kVp <sup>2)</sup>	107 lm/W	230000 lm	4100 K	641	0.91

Product description	Rated LLMF at 4,000 h	Rated LLMF at 6,000 h	Rated LLMF at 8,000 h	UV protection	Luminous flux	Color rendering index Ra	Light technical data	Dimensions & weight			Temperatures & operating conditions		
							Starting time	Diameter	Length	Light center length (LCL)	Product weight	Max. permitted outer bulb temperature	Max. permitted pinch temp.
HQI-TS 2000 W/N/L	0.85	0.82	0.80	No	230000 lm	65	120 s <sup>3)</sup>	40.0 mm	274.0 mm	137.0 mm	88.70 g	950 °C	390 °C

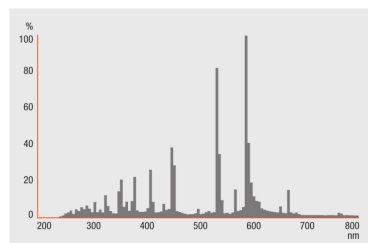
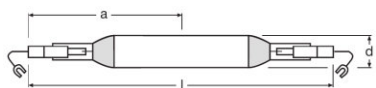
Product description	Lifespan					Additional product data			Capabilities		
	Rated lamp survival factor at 2,000 h	Rated lamp survival factor at 4,000 h	Rated lamp survival factor at 6,000 h	Rated lamp survival factor at 8,000 h	Lifespan B50	Base (standard designation)	Design / version	Mercury content	Dimmable	Burning position	Enclosed luminaire required
HQI-TS 2000 W/N/L	0.95	0.83	0.67	0.50	8000 h	K12s-36	Clear	220.0 mg	No	p15	Yes

Product description	Hot restart	Certificates & standards	Country-specific categorizations
		Energy consumption	ILCOS
HQI-TS 2000 W/N/L	Yes	2365 kWh/1000h	MN-2000/842-E/E/SL-K12s=36-40/274/H

<sup>1)</sup> At rated voltage and cos φ ≥ 0.9

<sup>2)</sup> Minimum

<sup>3)</sup> Maximum



HQI-TS 2000 W/N/L

HQI-TS 2000 W/N/L

**APPLICATION ADVICE**

For more detailed application information and graphics please see product datasheet.

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321530677	Shipping carton box 10	391 mm x 164 mm x 336 mm	2100.36 g	21.55 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

**DISCLAIMER**

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