

# PRODUCT DATASHEET

## HQI-TS 2000 W/N/L

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**

Electrical data

Nominal wattage	2000.00 W
Rated wattage	2150.00 W
Lamp current	10.4 A
PFC capacitor at 50 Hz	60 µF <sup>1)</sup>
Nominal voltage	200 V
Ignition voltage	4.0 / 36 kVp <sup>2)</sup>

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

<sup>2)</sup> Minimum / Maximum

Photometrical data

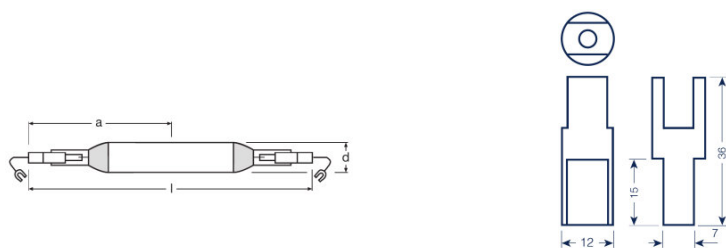
Rated lamp efficacy (standard condition)	107 lm/W
Rated luminous flux	230000 lm
Color rendering index Ra	65
Color temperature	4100 K
Light color	641
Rated LLMF at 2,000 h	0.91
Rated LLMF at 4,000 h	0.85
Rated LLMF at 6,000 h	0.82
Rated LLMF at 8,000 h	0.80
UV protection	No
Luminous flux	230000 lm

Light technical data

Starting time	120 s <sup>1)</sup>
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<sup>1)</sup> Maximum

Dimensions & weight



K12s-96

Diameter	40.0 mm
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<b>Length</b>	274.0 mm
<b>Light center length (LCL)</b>	137.0 mm
<b>Product weight</b>	88.70 g

#### Temperatures & operating conditions

<b>Maximum permitted outer bulb temperature</b>	950 °C
<b>Maximum permitted pinch temperature</b>	390 °C

#### Lifespan

<b>Rated lamp survival factor at 2,000 h</b>	0.95
<b>Rated lamp survival factor at 4,000 h</b>	0.83
<b>Rated lamp survival factor at 6,000 h</b>	0.67
<b>Rated lamp survival factor at 8,000 h</b>	0.50
<b>Lifespan B50</b>	8000 h

#### Additional product data

<b>Base (standard designation)</b>	K12s-36
<b>Design / version</b>	Clear
<b>Mercury content</b>	220.0 mg

#### Capabilities

<b>Dimmable</b>	No
<b>Burning position</b>	p15
<b>Enclosed luminaire required</b>	Yes
<b>Hot restart</b>	Yes

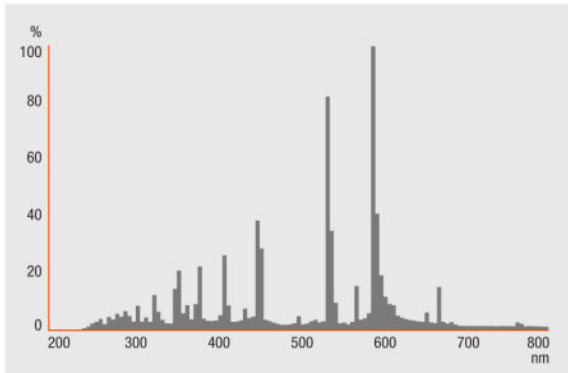
#### Certificates & standards

<b>Energy efficiency class</b>	A+
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<b>Energy consumption</b>	2365 kWh/1000h

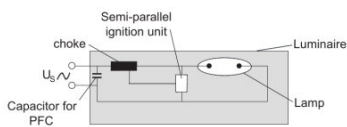
#### Country-specific categorizations

<b>ILCOS</b>	MN-2000/842-E/E/SL-K12s=36-40/274/H
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Light Distribution



Spectral power distribution



Circuit diagram

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321530660	HQI-TS 2000 W/N/L	Shipping carton box 10	391 mm x 164 mm x 336 mm	21.55 dm <sup>3</sup>	2100.36 g

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.