

# 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

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

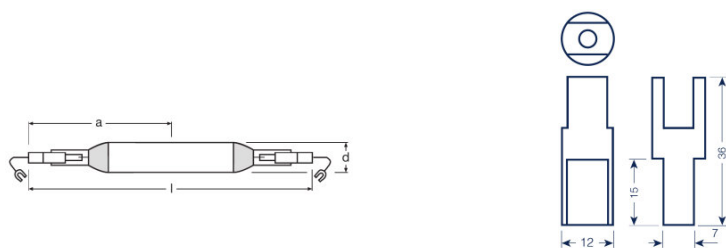
<b>Rated lamp efficacy (standard condition)</b>	107 lm/W
<b>Rated luminous flux</b>	230000 lm
<b>Color temperature</b>	4100 K
<b>Light color</b>	641
<b>Rated LLMF at 2,000 h</b>	0.91
<b>Rated LLMF at 4,000 h</b>	0.85
<b>Rated LLMF at 6,000 h</b>	0.82
<b>Rated LLMF at 8,000 h</b>	0.80
<b>UV protection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

Light technical data

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

Dimensions & weight



K12s-96

<b>Diameter</b>	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

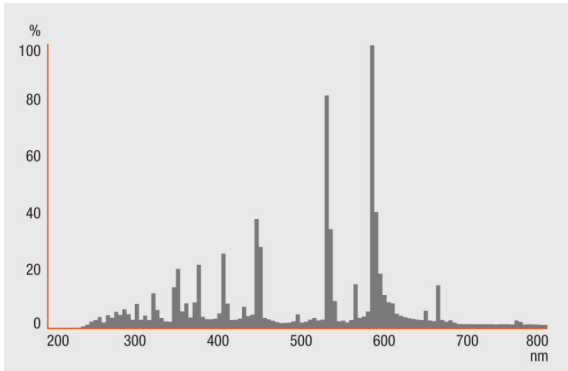
#### Certificates & standards

<b>Energy efficiency class</b>	A+
<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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321530660	Folding carton box 1	325 mm x 75 mm x 75 mm	178.51 g	1.83 dm <sup>3</sup>
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.