HQI-TS 2000 W/D/S/HF

POWERSTAR HQI-TS | Short arc, no outer bulb for enclosed luminaires



Areas of application

- Sports stadiums and floodlight systems
- Sports halls and multi-purpose halls
- Airports
- Solar simulation, material testing
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

- High efficiency
- Good to excellent color rendering
- Excellent color stability
- Small loss of luminous flux over the life of the lamp
- Hot restrike capable
- Compact dimensions for small spotlights
- Good positioning thanks to K12s base

Product features

- POWERSTAR quartz technology
- Light colors: neutral white (NDL), daylight (D)

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Technical data

Electrical data

Nominal wattage	2000.00 W
Rated wattage	2060.00 W
Lamp current	12.2 A
PFC capacitor at 50 Hz	70 µF [1)]
Nominal voltage	200 V
Ignition voltage	4.0 kVp;36 kVp [2)]

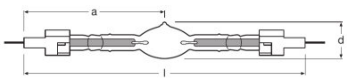
1) At rated voltage and cos φ ≥ 0.9

2) Minimum;Maximum

Photometrical data

Rated lamp efficacy (standard condition)	112 lm/W
Rated luminous flux	230000 lm
Color rendering index Ra	83
Color temperature	6200 K
Light color	862
Rated LLMF at 2,000 h	0.96
Rated LLMF at 4,000 h	0.92
UV protection	No

Dimensions & weight



Diameter	41.0 mm
Length	187.0 mm
Light center length (LCL)	93.0 mm
Product weight	61.00 g

Temperatures & operating conditions

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Maximum permitted outer bulb temperature	950 °C
Maximum permitted pinch temperature	390 °C

Lifespan

Rated lamp survival factor at 2,000 h	0.94
Rated lamp survival factor at 4,000 h	0.61
Lifespan B50	4500 h

Additional product data

Base (standard designation)	K12s-36
Product remark	Only with 12.2 A control gear
Design / version	Clear
Mercury content	187.0 mg

Capabilities

Dimmable	No
Burning position	p15
Enclosed luminaire required	Yes
Hot restart	Yes

Certificates & standards

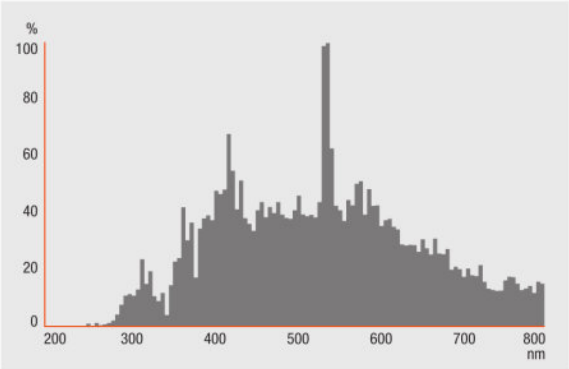
Energy efficiency class	A+
Energy consumption	2266 kWh/1000h

Country specific categorizations

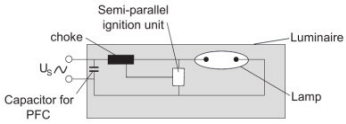
ILCOS	MN-2000/960-E/E/SL-K12s=36-41/187/H

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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
4008321338310	HQI-TS 2000 W/D/S/HF	Shipping carton box 10 Pieces Folding carton box	395 mm x 265 mm x 166 mm	17.38 dm^3	1436.00 g

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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.

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