
Product datasheet

HQI-TS 1000 W/NDL/S UVS

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

- 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



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- 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



Technical data

Electrical data

Nominal wattage	1000.00 W
Rated wattage	1000.00 W
Lamp current	9.7 A
PFC capacitor at 50 Hz	85 μ F ¹⁾
Nominal voltage	120 V
Ignition voltage	4.0 kVp;36 kVp ²⁾
Nominal current	9.7 A

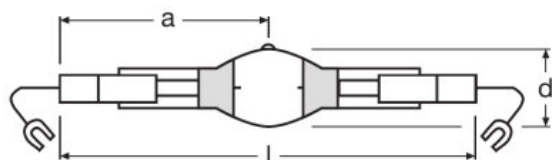
¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

²⁾ Minimum;Maximum

Photometrical data

Rated lamp efficacy (standard condition)	90 lm/W
Rated luminous flux	90000 lm
Color rendering index Ra	85
Color temperature	4400 K
Light color	844
Rated LLMF at 2,000 h	0.91
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.84
UV protection	No
Nominal luminous flux	90000 lm
Rated color temperature	4400 K
Luminous flux	90000 lm

Dimensions & weight



Diameter	36.0 mm
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Length	187.0 mm
Light center length (LCL)	93.0 mm
Product weight	61.00 g
Outer bulb	T36
Overall length	187.0 mm

Temperatures & operating conditions

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

Lifespan

Rated lamp survival factor at 2,000 h	0.95
Rated lamp survival factor at 4,000 h	0.70
Rated lamp survival factor at 6,000 h	0.50
Lifespan B50	6000 h

Additional product data

Base (standard designation)	K12s-36
Design / version	clear
Mercury content	70.0 mg
Appropriate disposal acc. to WEEE	Yes
Mercury-free	No

Capabilities

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

Certificates & standards

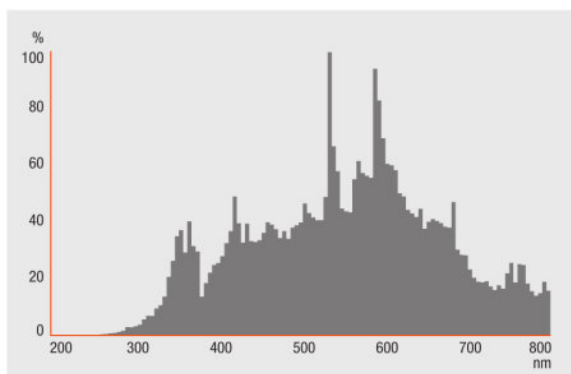
Energy efficiency class	A+
Energy consumption	1100 kWh/1000h

Country specific categorizations

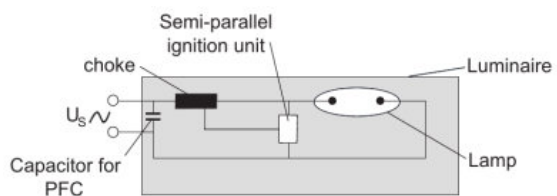
ILCOS	MN-1000/844-H/E/SL-K12s=36-41/187/H
Order reference	HQI-TS 1000W/ND

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Light Distribution



HQI_TS_1000W_2000W_NDL



OPERATION OF HIGH INTENSITY DISCHARGE LAMPS
WITH SEMI-PARALLEL IGNITION UNIT

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321591944	HQI-TS 1000 W/NDL/S UVS	Shipping carton box 10 Pieces Folding carton box	395 mm x 271 mm x 164 mm	17.56 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.

OSRAM is distribution partner
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