
HQI-TS 2000 W/D/S/DP

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)



Product datasheet

Technical data

Electrical data

Nominal wattage	2000.00 W
Rated wattage	2020.00 W
Lamp current	11.6 A
PFC capacitor at 50 Hz	70 μ F ¹⁾
Nominal voltage	200 V
Ignition voltage	4.0 / 36 kVp ²⁾
Rated lamp efficacy (standard condition)	109 lm/W

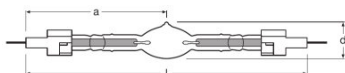
¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

²⁾ Minimum / Maximum

Photometrical data

Rated luminous flux	220000 lm
Color rendering index Ra	83
Color temperature	6100 K
Light color	860
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.92
UV protection	No

Dimensions & weight



Diameter	41.0 mm
Length	365.0 mm
Light center length (LCL)	182.0 mm
Product weight	94.00 g

Temperatures & operating conditions

Product datasheet

Maximum permitted outer bulb temperature	950 °C
--	--------

Lifespan

Rated lamp survival factor at 2,000 h	0.93
Rated lamp survival factor at 4,000 h	0.63
Lifespan B50	5000 h

Additional product data

Product remark	Operation on BHD L76 only
Design / version	Clear
Mercury content	170.0 mg

Capabilities

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

Certificates & standards

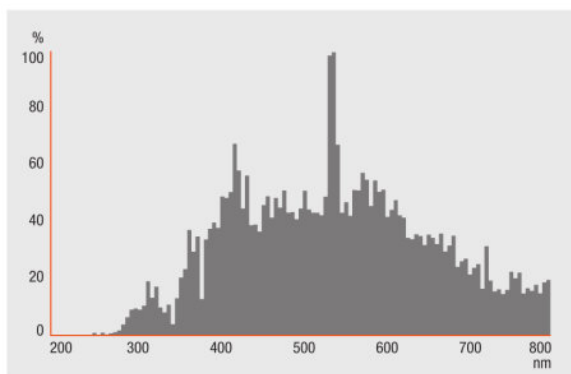
Energy efficiency class	A+
Energy consumption	2222 kWh/1000h

Country specific categorizations

ILCOS	MN-2000/61/1A-E-CABLE LUG-41/365/p15
-------	--------------------------------------

Product datasheet

Light Distribution



Spectral power distribution

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321512123	HQI-TS 2000 W/D/S/DP	Shipping carton box 10	391 mm x 164 mm x 336 mm	21.55 dm ³	2153.36 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.