PRODUCT DATASHEET
HQI-TS 2000 W/D/S

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

- 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 W
Nominal voltage	190 V
Ignition voltage	4.0/36 kVp [1)]
Operating mode	Conventional control gear (CCG) and ignitor
Nominal current	11300 mA
PFC capacitor at 50 Hz	60 µF

1) Minimum / Maximum

Photometrical data

Luminous flux	210000 lm
Luminous efficacy	108 lm/W
Color temperature	6100 K
Color rendering index Ra	83
Light color	861
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.90
Rated lamp efficacy (standard co.)	108 lm/W
UV protection	No

Dimensions & Weight

Overall length	187.00 mm
Length	187.00 mm
Light center length (LCL)	93,0 mm
Diameter	41.00 mm
Maximum diameter	41 mm
Product weight	61.00 g

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	0.94
Rated lamp survival factor at 4,000 h	0.61

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Lifespan B50	4500 h

Additional product data

Base (standard designation)	K12s-36
Mercury content	180.0 mg
Design / version	Clear
Product remark	Not for general lighting

Capabilities

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

Certificates & Standards

Energy consumption	2145.00 kWh/1000h

Country-specific categorizations

ILCOS	MN-2000/961-E/E/SL-K12s=36-41/187/H
Order reference	HQI-TS 2000W/D/

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	High Intensity Discharge Lamp UI
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4082707-EN-00 - HQI 1000W-2000W
PDF	Certificates	EAC RU C-DE.AYA46.B.16106_20 13.10.2020-12.10.2025 Rostest-Moskva - MH double capped
PDF	Certificates	EAC N RU D-DE.MU62.B.00932_20 06.03.2020-05.03.2025 Prommash Test - MH

	Photometric and lighting design files	Document name
	Spectral power distribution	384073_HQI_TS_D_S_CABLE

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300271682	Folding box 1	75 mm x 75 mm x 240 mm	139.83 g	1.35 dm^3
4050300271699	Shipping box 10	395 mm x 165 mm x 265 mm	1436.00 g	17.27 dm^3

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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