PRODUCT DATASHEET
HQI-TS 2000 W/N/L

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

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

Product benefits

- Very high efficiency
- Very high luminous flux
- Ideal for compact floodlights
- Good positioning thanks to K12s base

Product features

- POWERSTAR® quartz technology

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TECHNICAL DATA

Electrical data

Nominal wattage	2000 W
Nominal voltage	200 V
Ignition voltage	4.0/36 kVp [1)]
Operating mode	Conventional control gear (CCG) and ignitor
Nominal current	10.4 A
PFC capacitor at 50 Hz	60 µF

1) Minimum / Maximum

Photometrical data

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

Light technical data

Starting time	120 s

Dimensions & Weight

Overall length	274.00 mm
Length	274.00 mm
Light center length (LCL)	137,0 mm
Diameter	40 mm
Product weight	88.7 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	950 °C

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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	0.83
Rated lamp survival factor at 6,000 h	0.67
Rated lamp survival factor at 8,000 h	0.50
Lifespan B50	8000 h

Additional product data

Base (standard designation)	K12s-36
Mercury content	220.0 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	2365.00 kWh/1000h

Country-specific categorizations

ILCOS	MN-2000/842-E/E/SL-K12s=36-40/274/H
Order reference	HQI-TS 2000W/N/

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

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	Documents and certificates	Document name
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	502827_HQI_TS_N_L

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321530660	Folding box 1	75 mm x 75 mm x 75 mm	178.51 g	0.42 dm^3
4008321530677	Shipping box 10	391 mm x 336 mm x 164 mm	2100.36 g	21.55 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

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