

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



TECHNICAL DATA

Electrical data

Nominal wattage	2000 W
Nominal voltage	200 V
Ignition voltage	4.0/36 kVp ¹⁾
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
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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
Maximum permitted pinch temperature	390 °C

Lifespan

Lifespan	8000 h
Rated lamp survival factor at 2,000 h	0.95
Rated lamp survival factor at 4,000	0.83
Rated lamp survival factor at 6,000	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
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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	
	User instruction
	Declarations Of Conformity CE
	Certificates

Photometric and lighting design files	
	Spectral power distribution

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

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.