PRODUCT DATASHEET
HQI-TS 2000 W/D/S/HF

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)

TECHNICAL DATA

Electrical data

Nominal wattage	2000 W
Nominal voltage	200 V
Ignition voltage	4.0/36 kVp [1]
Nominal current	12.2 A
PFC capacitor at 50 Hz	70 μF

[1] Minimum / Maximum

Photometrical data

Luminous flux	230000 lm
Luminous efficacy	112 lm/W
Color temperature	6200 K
Color rendering index Ra	83
Light color	862
Rated LLMF at 2,000 h	0.96
Rated LLMF at 4,000 h	0.92
Rated lamp efficacy (standard co.)	112 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
Product weight	61.00 g

Temperatures & operating conditions

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

Lifespan

Lifespan	4500 h
Rated lamp survival factor at 2,000 h	0.94
Rated lamp survival factor at 4,000	0.61

Lifespan B50	4500 h

Additional product data

Base (standard designation)	K12s-36
Mercury content	187.0 mg
Design / version	Clear
Product remark	Not for general lighting / Only with 12.2 A control gear

Capabilities

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

Certificates & Standards

Energy consumption	2266.00 kWh/1000h

Country-specific categorizations

ILCOS	MN-2000/960-E/E/SL-K12s=36-41/187/H
Order reference	HQI-TS 2000W/D/

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
PDF	Certificates
PDF	Certificates
PDF	Declarations of conformity

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321338310	Folding box 1	240 mm x 75 mm x 75 mm	124.00 g	1.35 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321338327	Shipping box 10	395 mm x 265 mm x 166 mm	1436.00 g	17.38 dm³

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.