

# PRODUCT DATASHEET

## HQI-T 2000 W/N/SN SUPER

POWERSTAR HQI®-T 1000...2000 W | Metal halide lamps for enclosed luminaires



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### Areas of application

- Factories and workshops
- Sports halls and multi-purpose halls
- 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

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### Product benefits

- High efficiency
- E40 screw base for simple lamp handling
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

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### Product features

- POWERSTAR® quartz technology
- Light colors: neutral white (N), daylight (D)



## TECHNICAL DATA

### Electrical data

Nominal wattage	2000 W
Nominal voltage	220 V
Ignition voltage	0.75/1.3 kVp <sup>1)</sup>
Nominal current	9.9 A
PFC capacitor at 50 Hz	37 µF

<sup>1)</sup> Minimum / Maximum

### Photometrical data

Luminous flux	240000 lm
Luminous efficacy	118 lm/W
Color temperature	4550 K
Color rendering index Ra	63
Light color	645
UV protection	Yes

### Dimensions & Weight

Overall length	430.00 mm
Length	430.00 mm
Light center length (LCL)	265,0 mm
Diameter	106.00 mm
Product weight	580.00 g

### Temperatures & operating conditions

Maximum permitted outer bulb temperature	500 °C
Maximum permitted base edge temperature	250 °C

### Lifespan

Nominal lamp life time	5500 h
Lifespan B50	5500 h

### Additional product data

Base (standard designation)	E40
Mercury content	175.0 mg
Design / version	Clear

Product remark	Not for general lighting / Lamp ignites at an ignition voltage of 0.9... 1.3 kVs; lamps must not be operated with 4...5 kV igniters
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### Capabilities

Dimmable	No
Burning position	p60
Enclosed luminaire required	Yes
Hot restart	No





### Certificates & Standards

Energy consumption	2233.00 kWh/1000h
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### Country-specific categorizations

ILCOS	MT/UB-2000/642-E/S/SL-E40-106/430/H
Order reference	HQI-T 2000W/N/S

### DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction High Intensity Discharge Lamp UI
	Certificates EAC RU C-DE.AYA46.B.16087_20 13.10.2020-12.10.2025 Rostest-Moskva - MH single capped
	Certificates EAC N RU D-DE.MU62.B.00932_20 06.03.2020-05.03.2025 Prommash Test - MH
	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4082707-EN-00 - HQI 1000W-2000W

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321979087	Round wrap 1	465 mm x 130 mm x 130 mm	775.00 g	7.86 dm <sup>3</sup>
4008321979094	Shipping box 4	525 mm x 270 mm x 275 mm	3724.00 g	38.98 dm <sup>3</sup>

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.