

PRODUCT DATASHEET

HQI-T 2000 W/N/I

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



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

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

Product features

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



TECHNICAL DATA

Electrical data

Nominal wattage	2000 W
Nominal voltage	235 V
Ignition voltage	0.23 kVp
Operating mode	Conventional control gear (CCG) without ignitor
Nominal current	8800 mA
PFC capacitor at 50 Hz	37 µF

Photometrical data

Luminous flux	200000 lm
Luminous efficacy	103 lm/W
Light color (designation)	Neutral White
Color temperature	4300 K
Color rendering index Ra	60
Light color	643
Rated LLMF at 2,000 h	0.91
Rated LLMF at 4,000 h	0.84
Rated LLMF at 6,000 h	0.80
Rated LLMF at 8,000 h	0.76
Rated lamp efficacy (standard co.)	102 lm/W
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	530.3 g

Temperatures & operating conditions

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

Lifespan

Rated lamp survival factor at 2,000 h	0.99
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Rated lamp survival factor at 4,000 h	0.95
Rated lamp survival factor at 6,000 h	0.82
Rated lamp survival factor at 8,000 h	0.62
Lifespan B50	9000 h

Additional product data

Base (standard designation)	E40
Mercury content	243.0 mg
Design / version	Clear
Product remark	Not for general lighting / Operation without external igniter

Capabilities

Dimmable	No
Burning position	p30
Enclosed luminaire required	Yes
Hot restart	No





Certificates & Standards


Energy consumption	2150.50 kWh/1000h
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Country-specific categorizations

ILCOS	MT-2000/42/2B-E/I-E40-100/430/P30
Order reference	HQI-T 2000W/N/I

DOWNLOAD DATA

	Documents and certificates	Document name
	User instruction / safety instructions	High Intensity Discharge Lamp UI
	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4082707-EN-00 - HQI 1000W-2000W
	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

Photometric and lighting design files		Document name
	Spectral power distribution	384078_HQI_T_N_E40

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321665379	Round wrap 1	465 mm x 130 mm x 130 mm	725.30 g	7.86 dm ³
4008321665386	Shipping box 4	275 mm x 270 mm x 525 mm	3525.20 g	38.98 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.