

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

- Output of up to 2,000 W
- High efficiency
- E40 screw base for simple lamp handling
- Long lifetime
- 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

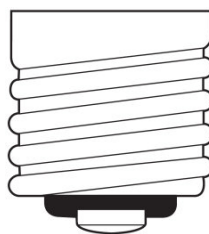
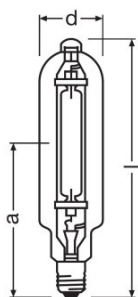
Nominal wattage	2000.00 W
Rated wattage	1960.00 W
Lamp current	8.8 A
PFC capacitor at 50 Hz	37 μ F ¹⁾
Nominal voltage	235 V
Ignition voltage	0.23 kVp

¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

Photometrical data

Rated lamp efficacy (standard condition)	102 lm/W
Rated luminous flux	200000 lm
Color rendering index Ra	60
Color temperature	4300 K
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
UV protection	Yes
Light color (designation)	Neutral White
Luminous flux	200000 lm

Dimensions & weight



E40
IEC 7004-24
DIN 49625

Diameter	106.0 mm
Length	430.0 mm
Light center length (LCL)	265.0 mm
Product weight	530.30 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
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
Product remark	Operation without external igniter
Design / version	Clear
Mercury content	243.0 mg

Capabilities

Dimmable	No
Burning position	p30
Enclosed luminaire required	Yes

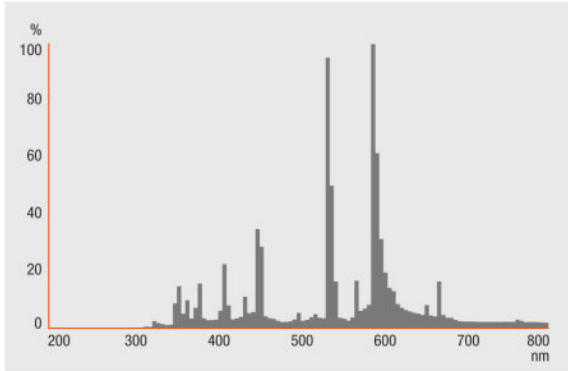
Certificates & standards

Energy efficiency class	A+
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Energy consumption	2151 kWh/1000h

Country-specific categorizations

ILCOS	MT/UB-2000/642-E/I/SL-E40-106/430/H
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321665379	HQI-T 2000 W/N/I	Shipping carton box 4	525 mm x 270 mm x 275 mm	38.98 dm ³	3525.20 g

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.