

Product datasheet

HQI-T 1000 W/D

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



- 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

- 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



Technical data

Electrical data

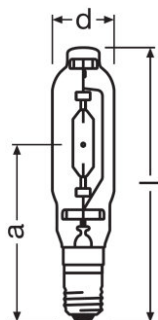
Nominal wattage	1000.00 W
Rated wattage	1000.00 W
Lamp current	8.6 A
PFC capacitor at 50 Hz	85 μ F ¹⁾
Nominal voltage	130 V
Ignition voltage	4.0 kVp;5.0 kVp ²⁾
Nominal current	8.6 A

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

²⁾ Minimum;Maximum

Photometrical data

Rated lamp efficacy (standard condition)	82 lm/W
Rated luminous flux	85000 lm
Color rendering index Ra	81
Color temperature	7250 K
Light color	873
Rated LLMF at 2,000 h	0.71
Rated LLMF at 4,000 h	0.58
Rated LLMF at 6,000 h	0.47
Rated LLMF at 8,000 h	0.35
UV protection	Yes
Nominal luminous flux	85000 lm
Rated color temperature	7250 K
Luminous flux	85000 lm



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Diameter	76.0 mm
Length	345.0 mm
Light center length (LCL)	220.0 mm
Product weight	412.40 g
Outer bulb	T76
Overall length	345.0 mm

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	0.98
Rated lamp survival factor at 4,000 h	0.89
Rated lamp survival factor at 6,000 h	0.76
Rated lamp survival factor at 8,000 h	0.59
Lifespan B50	9000 h

Additional product data

Base (standard designation)	E40
Design / version	clear
Mercury content	60.0 mg
Appropriate disposal acc. to WEEE	Yes
Mercury-free	No

Capabilities

Burning position	p30
Enclosed luminaire required	Yes
Dimmable	No

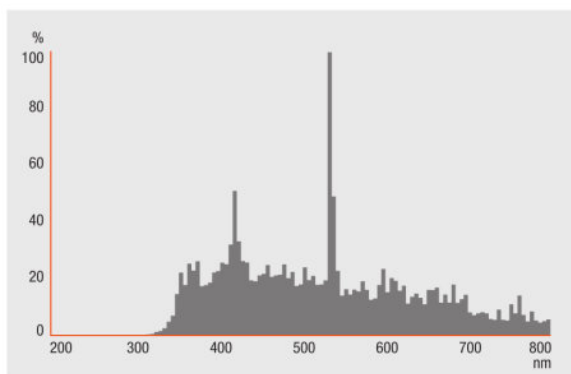
Certificates & standards

Energy efficiency class	A
Energy consumption	1155 kWh/1000h

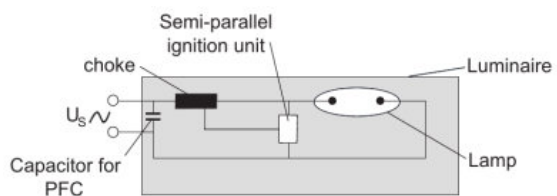
Country specific categorizations

ILCOS	MT/UB-1000/972-H/E/SL-E40-76/345/H
Order reference	HQI-T 1000W/D E

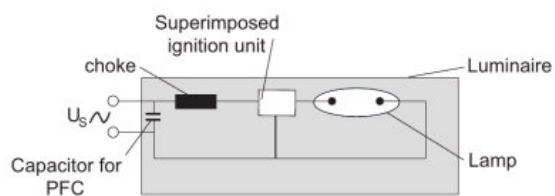
Light Distribution



HQI_T_1000W_2000W_D

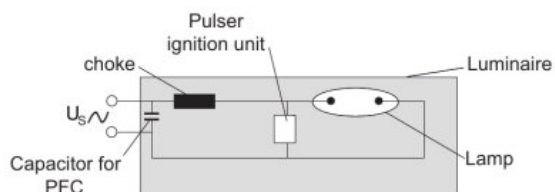


OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH SEMI-PARALLEL IGNITION UNIT



OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH A SUPERIMPOSED IGNITION UNIT

Product datasheet



OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH PULSE IGNITION UNIT

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321527035	HQI-T 1000 W/D	Shipping carton box 6 Pieces Round wrap	229 mm x 440 mm x 300 mm	30.23 dm ³	3484.00 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.

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