

## HQI-T 1000 W/D

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)



# Product datasheet

## 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 $\mu$ F <sup>1)</sup>
Nominal voltage	130 V
Ignition voltage	4.0 / 5.0 kVp <sup>2)</sup>
Rated lamp efficacy (standard condition)	82 lm/W

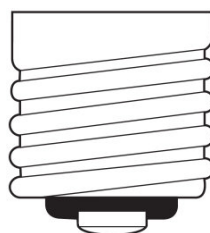
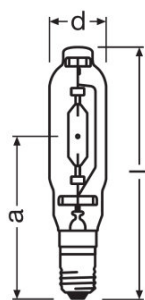
<sup>1)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

<sup>2)</sup> Minimum / Maximum

### Photometrical data

Rated luminous flux	85000 lm
Color rendering index Ra	81
Color temperature	7250 K
Light color	860
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

### Dimensions & weight



E40  
IEC 7004-24  
DIN 49625

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

## Product datasheet

### 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

### Capabilities

Burning position	p30
Enclosed luminaire required	Yes

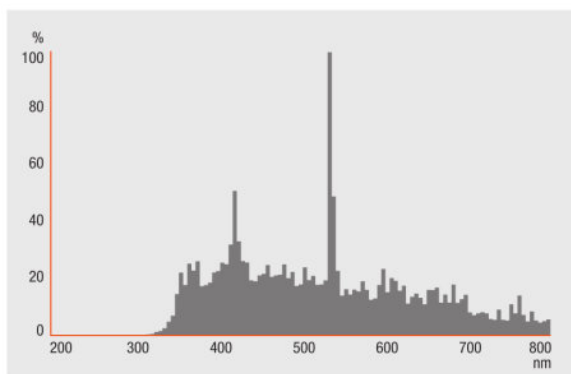
### Certificates & standards

Energy efficiency class	A
Energy consumption	1155 kWh/1000h

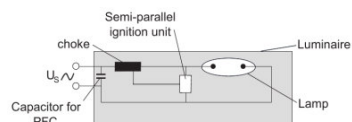
### Country specific categorizations

ILCOS	MT/UB-1000/972-H/E/SL-E40-76/345/H
-------	------------------------------------

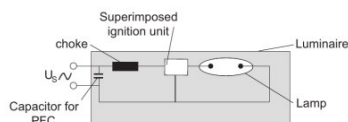
Light Distribution



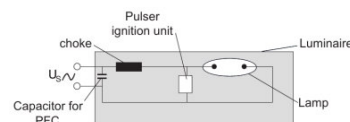
Spectral power distribution



Circuit diagram



Circuit diagram



Circuit diagram

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	229 mm x 440 mm x 300 mm	30.23 dm <sup>3</sup>	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.

## Product datasheet

---

### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.