

# PRODUCT DATASHEET

## HQI-E 1000 W/N

POWERSTAR HQI-E coated | Metal halide lamps with quartz technology for enclosed luminaires



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### AREAS OF APPLICATION

- Factories and workshops
- Exhibition halls and trade fairs
- Sports halls and multi-purpose halls
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Long lifetime
- 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 (NDL), daylight (D)



**TECHNICAL DATA**

Electrical data

<b>Rated wattage</b>	1060.00 W
<b>Lamp current</b>	9.5 A
<b>PFC capacitor at 50 Hz</b>	85 µF <sup>1)</sup>
<b>Nominal wattage</b>	1000.00 W
<b>Nominal voltage</b>	125 V
<b>Ignition voltage</b>	4.0 / 5.0 kVp <sup>2)</sup>

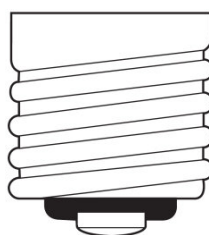
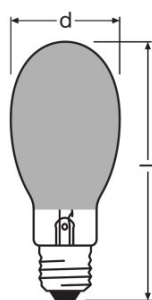
<sup>1)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

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

Photometrical data

<b>Rated lamp efficacy (standard condition)</b>	94 lm/W
<b>Rated luminous flux</b>	100000 lm
<b>Color temperature</b>	3700 K
<b>Light color</b>	637
<b>Rated LLMF at 2,000 h</b>	0.85
<b>Rated LLMF at 4,000 h</b>	0.74
<b>Rated LLMF at 6,000 h</b>	0.67
<b>Rated LLMF at 8,000 h</b>	0.63
<b>UV protection</b>	Yes
<b>Luminous flux</b>	100000 lm
<b>Color rendering index Ra</b>	62

Dimensions & weight



<b>Diameter</b>	165.0 mm
<b>Length</b>	380.0 mm
<b>Product weight</b>	395.00 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	0.98
Rated lamp survival factor at 6,000 h	0.92
Rated lamp survival factor at 8,000 h	0.77
Lifespan B50	9000 h

### Additional product data

Base (standard designation)	E40
Design / version	Coated
Mercury content	105.0 mg

### Capabilities

Dimmable	No
Burning position	h45
Enclosed luminaire required	Yes

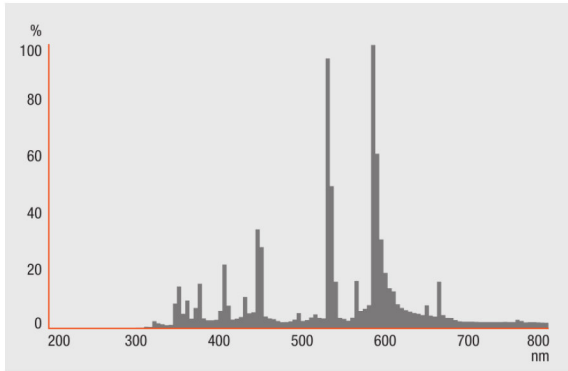
### Certificates & standards

Energy efficiency class	A+
Energy consumption	1172 kWh/1000h

### Country-specific categorizations

ILCOS	ME/UB-1000/638-H/E/SL-E40-165/380/V
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321528261	Round wrap 1	420 mm x 188 mm x 189 mm	583.00 g	14.92 dm <sup>3</sup>
4008321528278	Shipping carton box 6	545 mm x 448 mm x 377 mm	4619.00 g	92.05 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.