

PRODUCT DATASHEET

HQI-E 1000 W/N

POWERSTAR HQI®-E coated 1000 W | Metal halide lamps with quartz technology for enclosed luminaires



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

Product benefits

- 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 (NDL), daylight (D)



TECHNICAL DATA

Electrical data

Nominal wattage	1000 W
Nominal voltage	125 V
Ignition voltage	4.0/5.0 kVp ¹⁾
Nominal current	9.5 A
PFC capacitor at 50 Hz	85 µF

¹⁾ Minimum / Maximum

Photometrical data

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

Dimensions & Weight

Overall length	380.00 mm
Length	380.00 mm
Diameter	165 mm
Product weight	395.00 g

Temperatures & operating conditions

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

Lifespan

Lifespan	9000 h
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
Mercury content	105.0 mg
Design / version	Coated
Product remark	Not for general lighting

Capabilities

Dimmable	No
Burning position	h45
Enclosed luminaire required	Yes
Hot restart	No

Certificates & Standards

Energy consumption	1171.50 kWh/1000h
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Country-specific categorizations

ILCOS	ME/UB-1000/638-H/E/SL-E40-165/380/V
Order reference	HQI-E 1000W/N C

DOWNLOAD DATA

Documents and certificates	
	User instruction
	Declarations Of Conformity CE
	Certificates
Photometric and lighting design files	
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321528261	Round wrap 1	750 mm x 400 mm	583.00 g	
4008321528278	Shipping box 6	545 mm x 365 mm x 435 mm	4619.00 g	86.53 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.