

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

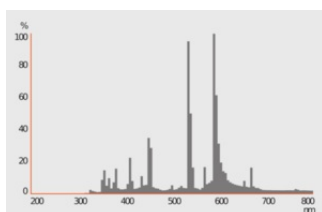
Electrical data

Nominal wattage	1000 W
Construction wattage	1060.00 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
Width	165 mm

Height	165 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

Nominal lamp life time	9000 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000	0.98
Rated lamp survival factor at 6,000	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
--------------------	-------------------

Country-specific categorizations

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

DOWNLOAD DATA

DOWNLOAD DATA



User instruction
High Intensity Discharge Lamp UI



Certificates
EAC RU C-DE.AYA46.B.16087_20 13.10.2020-12.10.2025 Rostest-Moskva - MH single capped



Certificates
EAC N RU D-DE.MU62.B.00932_20 06.03.2020-05.03.2025 Prommash Test - MH



Declarations of conformity
EC Declaration of Conformity - 2021 9C1-4082707-EN-00 - HQI 1000W-2000W

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 ³
4008321528278	Shipping box 6	545 mm x 448 mm x 377 mm	4619.00 g	92.05 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.