

PRODUCT DATASHEET

HQI-E 250 W/N/SI CL

POWERSTAR HQI-E clear | 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

- Long lifetime
- 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 color: neutral white (N)

TECHNICAL DATA

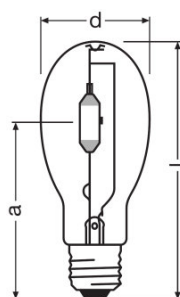
Electrical data

Rated wattage	246.90 W
Lamp current	2.1 A
PFC capacitor at 50 Hz	32 µF
Nominal wattage	250.00 W
Nominal voltage	220 V
Ignition voltage	0.75 / 1.3 kVp

Photometrical data

Rated lamp efficacy (standard condition)	85 lm/W
Rated luminous flux	20900 lm
Color temperature	4700 K
Light color	547
Rated LLMF at 2,000 h	0.80
Rated LLMF at 4,000 h	0.70
Rated LLMF at 6,000 h	0.65
Rated LLMF at 8,000 h	0.58
Luminous flux	20900 lm
Color rendering index Ra	59

Dimensions & weight



E40
IEC 7004-24
DIN 49625

Diameter	91.0 mm
Length	228.0 mm
Light center length (LCL)	160.0 mm
Product weight	167.00 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	400 °C
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Maximum permitted base edge temperature	250 °C
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Lifespan

Rated lamp survival factor at 2,000 h	0.95
Rated lamp survival factor at 4,000 h	0.90
Rated lamp survival factor at 6,000 h	0.85
Rated lamp survival factor at 8,000 h	0.75
Lifespan B50	9000 h

Additional product data

Base (standard designation)	E40
Design / version	Clear
Mercury content	34.9 mg

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	Yes

Country-specific categorizations

ILCOS	MC/UB-250/637-H/S/SL-E40-88.9/216
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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321278500	Round wrap 1	300 mm x 335 mm x 32 mm	199.00 g	3.22 dm ³
4008321278517	Shipping carton box 12	390 mm x 292 mm x 267 mm	3016.00 g	30.41 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.