

## PRODUCT DATASHEET

### HQI-E 250 W/N/SI CO

POWERSTAR HQI®-E coated 250...400 W | 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

- 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

Nominal wattage	250 W
Construction wattage	246.50 W
Nominal voltage	220 V
Ignition voltage	0.75/1.3 kVp <sup>1)</sup>
Nominal current	2.1 A
PFC capacitor at 50 Hz	32 µF

1) Minimum / Maximum

### Photometrical data

Luminous flux	21500 lm
Color temperature	4100 K
Color rendering index Ra	66
Light color	641
Rated LLMF at 2,000 h	0.74
Rated LLMF at 4,000 h	0.65
Rated LLMF at 6,000 h	0.57
Rated LLMF at 8,000 h	0.50
Rated lamp efficacy (standard co.)	83 lm/W
UV protection	Yes

### Dimensions & Weight

Overall length	228.00 mm
Diameter	91.00 mm
Product weight	180.00 g

### Temperatures & operating conditions

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

### 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	10000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E40
Mercury content	34.9 mg
Mercury-free	No
Design / version	Coated

Capabilities

Burning position	Any
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Country-specific categorizations

ILCOS	ME/UB-250/637-H/S/SL-E40-88.9/216
Order reference	HQI-E 250W/N/SI

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E40
Length	228.00 mm
Height	91.00 mm
Width	91.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321278524	Round wrap 1	392 mm x 411 mm x 50 mm	212.00 g	8.06 dm³
4008321278531	Shipping box 12	427 mm x 334 mm x 255 mm	3656.00 g	36.37 dm³

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.