

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

- 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

Nominal wattage	250 W
Construction wattage	246.90 W
Nominal voltage	220 V
Ignition voltage	0.75/1.3 kVp
Nominal current	2.1 A
PFC capacitor at 50 Hz	32 µF

Photometrical data

Luminous flux	21500 lm
Luminous efficacy	92 lm/W
Color temperature	4700 K
Color rendering index Ra	59
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
Rated lamp efficacy (standard co.)	85 lm/W

Dimensions & Weight

Overall length	228.00 mm
Light center length (LCL)	160,0 mm
Diameter	91.00 mm
Product weight	167.00 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	9000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

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

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
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

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	High-Intensity-Discharge lamps. Operation instructions

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 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.