

PRODUCT DATASHEET

HQI-T 250 W/N/SI

POWERSTAR HQI®-T | Metal halide lamps with quartz technology for enclosed luminaires



Areas of application

- Factories and workshops
- Sports halls and multi-purpose halls
- Industrial installations
- Docks and port facilities
- Marshaling yards, container transshipment facilities
- Buildings, monuments, bridges
- 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 (N), daylight (D)

TECHNICAL DATA

Electrical data

Nominal wattage	250 W
Construction wattage	246.30 W
Nominal voltage	220 V
Nominal current	2.1 A

Photometrical data

Luminous flux	20000 lm
Luminous efficacy	88 lm/W
Color temperature	4500 K
Color rendering index Ra	65
Light color	645
Rated LLMF at 2,000 h	0.65
Rated LLMF at 4,000 h	0.50
Rated LLMF at 6,000 h	0.41
Rated LLMF at 8,000 h	0.34
Rated lamp efficacy (standard co.)	88 lm/W

Dimensions & Weight

Overall length	226.00 mm
Diameter	49.00 mm
Product weight	213.00 g

Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.95
Rated lamp survival factor at 6,000 h	0.85
Rated lamp survival factor at 8,000 h	0.67
Rated lamp survival factor at 12,000 h	0.27
Rated lamp survival factor at 16,000	0.04
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E40
Mercury content	34.9 mg

Capabilities

Enclosed luminaire required	Yes
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Country-specific categorizations

ILCOS	MT/UB-250/637-H/S/SL-E40-57.2/248
Order reference	HQI-T 250W/N/SI

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E40
Length	226.00 mm
Height	49.00 mm
Width	49.00 mm

Safety advice

- Disconnect mains before installation.
- Must not be used if outer bulb is defective.
- Lamp to be used only in a closed luminaire.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321278487	1			
4008321278494	Shipping box 12	262 mm x 211 mm x 319 mm	3446.00 g	17.63 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.