

PRODUCT DATASHEET

HQI-T 246.3 W/4500 E40

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

- Output of up to 400 W
- High efficiency
- 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 colors: neutral white (N), daylight (D)

TECHNICAL DATA

Electrical data

Nominal wattage	246.30 W
Rated wattage	246.30 W
Lamp current	2.1 A
Nominal voltage	220 V

Photometrical data

Rated lamp efficacy (standard condition)	88 lm/W
Rated luminous flux	21600 lm
Color rendering index Ra	65
Color temperature	4500 K
Light color	4500
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
Luminous flux	20000 lm

Dimensions & weight

Diameter	49.0 mm
Length	226.0 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

Additional product data

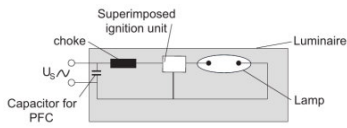
Base (standard designation)	E40
Mercury content	34.9 mg

Capabilities

Enclosed luminaire required	Yes
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Country-specific categorizations

ILCOS	MT/UB-250/637-H/S/SL-E40-57.2/248
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Circuit diagram

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321278487	HQI-T 246.3 W/4500 E40	Shipping carton box 12	262 mm x 211 mm x 319 mm	17.63 dm ³	3446.00 g

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.