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

- 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)



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Technical data

Electrical data

Nominal wattage	250,00 W
Rated wattage	235,00 W
Lamp current	2,1 A
PFC capacitor at 50 Hz	32 µF [1)]
Ignition voltage	0,75 kVp;1,3 kVp [2)]

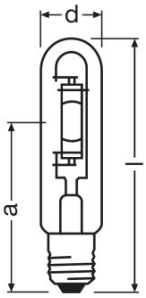
[1)] Alla tensione nominale e cos φ ≥ 0,9

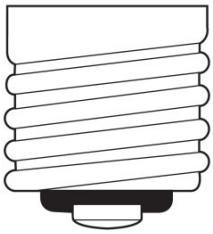
[2)] Minima;Massima

Photometrical data

Rated lamp efficacy (standard condition)	76 lm/W
Rated luminous flux	19000 lm
Color rendering index Ra	65
Color temperature	4500 K
Light color	645
Rated LLMF at 2,000 h	0,77
Rated LLMF at 4,000 h	0,61
Rated LLMF at 6,000 h	0,38
Rated LLMF at 8,000 h	0,32
UV protection	Sì

Dimensions & weight





E40
IEC 7004-24
DIN 49625

Diameter	57,0 mm
Length	249,0 mm
Light center length (LCL)	160,0 mm
Product weight	154,00 g

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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	1,00
Rated lamp survival factor at 4,000 h	1,00
Rated lamp survival factor at 6,000 h	1,00
Rated lamp survival factor at 8,000 h	0,93
Lifespan B50	10000 h

Additional product data

Base (standard designation)	E40
Product remark	Con alimentatore HQI©Lampada si accende con una tensione di 0,9 ... 1,3 kVs, le lampade non devono essere utilizzate con accenditori da 4 ... 5 kV
Design / version	Chiaro
Mercury content	31,7 mg

Capabilities

Dimmable	No
Burning position	Universale
Enclosed luminaire required	Sì

Certificates & standards

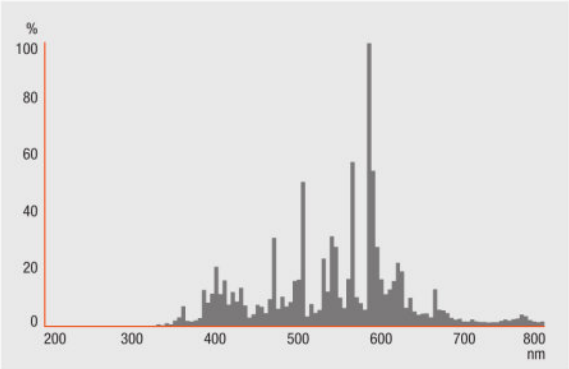
Energy efficiency class	A
Energy consumption	275 kWh/1000h

Country specific categorizations

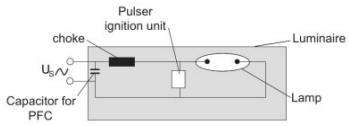
ILCOS	MT-250/37/2B-H 133/S-E40-57.2/248

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Light Distribution



Spectral power distribution



Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300444604	HQI-T 250 W/N/SI	Shipping carton box 10 Pieces Folding carton box	350 mm x - x -	17.33 dm^3	2300.00 g

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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.

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