PRODUCT DATASHEET
HQI-T 250 W/D PRO

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)





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TECHNICAL DATA

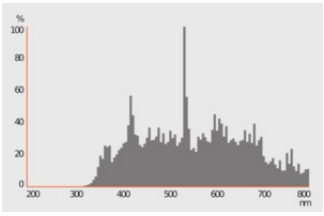
Electrical data

Nominal wattage	250 W
Construction wattage	260.00 W
Nominal voltage	105 V
Ignition voltage	4.0/5.0 kVp [1)]
Nominal current	3 A
PFC capacitor at 50 Hz	32 µF

1) Minimum / Maximum

Photometrical data

Luminous flux	18000 lm
Luminous efficacy	69 lm/W
Color temperature	5500 K
Color rendering index Ra	≤ 87
Light color	855
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.92
Rated LLMF at 6,000 h	0.90
Rated LLMF at 8,000 h	0.87
Rated LLMF at 12,000 h	0.85
Rated LLMF at 16,000 h	0.81
UV protection	Yes



Dimensions & Weight

Overall length	226.00 mm
Light center length (LCL)	150 mm

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Diameter	46 mm
Product weight	150.00 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	500 °C
Maximum permitted base edge temperature	250 °C

Lifespan

Lifespan	16000 h
Rated lamp survival factor at 2,000 h	0.98
Rated lamp survival factor at 4,000	0.96
Rated lamp survival factor at 6,000	0.94
Rated lamp survival factor at 8,000 h	0.92
Rated lamp survival factor at 12,000 h	0.88
Rated lamp survival factor at 16,000	0.81
Lifespan B50	16000 h

Additional product data

Base (standard designation)	E40
Mercury content	21.0 mg
Design / version	Clear

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	Yes
Hot restart	No

Certificates & Standards

Energy efficiency class	G
Energy consumption	260.00 kWh/1000h

Country-specific categorizations

ILCOS	MT/UB-250/952-H/E/SL-E40-46/226
Order reference	HQI-T 250W/D PR

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	MH

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Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	E40
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	SECOND
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	226.00 mm
Height	46 mm
Width	46 mm
Chromaticity coordinate x	0,333
Chromaticity coordinate y	0,340
Beam angle correspondence	SPHERE_360
EPREL ID	546555
Model number	AC34329

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
PDF	Certificates
PDF	Certificates
PDF	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321677846	Sleeve 1	260 mm x 51 mm x 57 mm	175.80 g	0.76 dm^3
4008321677853	Shipping box 12	277 mm x 281 mm x 217 mm	2304.00 g	16.89 dm^3

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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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