PRODUCT DATASHEET
HQI-TS 250 W/WDL

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

Areas of application

- Foyers, reception areas
- Factory and hall lighting with low-cost installations
- Exhibition halls and trade fairs
- Sports halls and multi-purpose halls
- Pedestrian zones, public squares
- Parks and gardens
- Buildings, monuments, bridges
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

- High efficiency
- Uniform distribution of light
- Good to excellent color rendering
- Hot restrike capable
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

Product features

- POWERSTAR® quartz technology
- Light colors: warm white (WDL), neutral white (NDL), daylight (D)

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TECHNICAL DATA

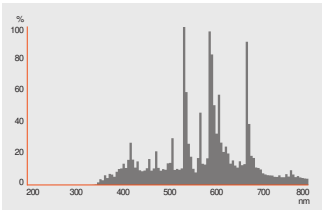
Electrical data

Nominal wattage	250 W
Construction wattage	250.00 W
Nominal voltage	112 V
Ignition voltage	4.0/25 kVp [1)]
Nominal current	2.8 A
PFC capacitor at 50 Hz	32 µF

1) Minimum / Maximum

Photometrical data

Luminous flux	22000 lm
Luminous efficacy	88 lm/W
Light color (designation)	Warm White DE LUXE
Color temperature	3200 K
Color rendering index Ra	80
Light color	832
Rated LLMF at 2,000 h	0.70
Rated LLMF at 4,000 h	0.60
Rated LLMF at 6,000 h	0.55
Rated LLMF at 8,000 h	0.52
Rated lamp efficacy (standard co.)	88 lm/W
UV protection	Yes



Dimensions & Weight

Overall length	162.00 mm
Light center length (LCL)	81,0 mm

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Diameter	25,0 mm
Product weight	52.00 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	650 °C
Maximum permitted pinch temperature	300 °C

Lifespan

Lifespan	9000 h
Rated lamp survival factor at 2,000 h	0.80
Rated lamp survival factor at 4,000	0.97
Rated lamp survival factor at 6,000	0.60
Rated lamp survival factor at 8,000 h	0.55
Lifespan B50	12000 h

Additional product data

Base (standard designation)	Fc2
Mercury content	25.0 mg
Design / version	Clear

Capabilities

Dimmable	No
Burning position	p45
Enclosed luminaire required	Yes
Hot restart	Yes

Certificates & Standards

Energy efficiency class	G
Energy consumption	275.00 kWh/1000h

Country-specific categorizations

ILCOS	MD/UB-250/832-H/E/SL-Fc2-25/162/H
Order reference	HQI-TS 250W/WDL

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	Fc2
Length	162.00 mm
Height	25,0 mm

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Width	25,0 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321689177	Sleeve 1	260 mm x 51 mm x 65 mm	94.00 g	0.86 dm^3
4008321689184	Shipping box 12	216 mm x 166 mm x 272 mm	984.00 g	9.75 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.

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