

PRODUCT DATASHEET

HQI-TS 250 W/D UVS

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)



TECHNICAL DATA

Electrical data

Nominal wattage	250 W
Construction wattage	250.00 W
Nominal voltage	98 V
Ignition voltage	4.0/25 kVp ¹⁾
Operating mode	Conventional control gear (CCG) and ignitor
Nominal current	3 A
PFC capacitor at 50 Hz	32 µF

1) Minimum / Maximum

Photometrical data

Luminous flux	21500 lm
Luminous efficacy	82 lm/W
Light color (designation)	Daylight
Color temperature	5500 K
Color rendering index Ra	93
Light color	955
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 LLMF at 12,000 h	0.50
Rated lamp efficacy (standard co.)	86 lm/W
UV protection	Yes



384076_HQI_T_D_PRO

Dimensions & Weight

Overall length	162.00 mm
Light center length (LCL)	81,0 mm
Diameter	25,0 mm
Product weight	52.00 g

Temperatures & operating conditions

Maximum permitted pinch temperature	300 °C
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Lifespan

Rated lamp survival factor at 2,000 h	0.95
Rated lamp survival factor at 4,000 h	0.90
Rated lamp survival factor at 6,000 h	0.85
Rated lamp survival factor at 8,000 h	0.80
Rated lamp survival factor at 12,000 h	0.50
Lifespan B50	12000 h

Additional product data

Base (standard designation)	Fc2
Mercury content	13.0 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-250/951-H/E/SL-Fc2-25/162/H
Order reference	HQI-TS 250W/D U

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)	Fc2
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	162.00 mm
Height	25,0 mm
Width	25,0 mm
Chromaticity coordinate x	0.332
Chromaticity coordinate y	0.342
Beam angle correspondence	SPHERE_360
EPREL ID	1535169
Model number	AA35052

DOWNLOAD DATA

Photometric and lighting design files		Document name
	Spectral power distribution	384076_HQI_T_D_PRO

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321689139	Sleeve 1	260 mm x 29 mm x 51 mm	94.00 g	0.38 dm ³
4008321689146	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.

