

PRODUCT DATASHEET

HQI-T 1000 W/N

POWERSTAR HQI®-T 1000...2000 W | Metal halide lamps for enclosed luminaires



Areas of application

- Factories and workshops
- Sports halls and multi-purpose halls
- Industrial installations
- Airports
- Docks and port facilities
- Marshaling yards, container transshipment facilities
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

- High efficiency
- 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	1000 W
Nominal voltage	130 V
Ignition voltage	4.0/5.0 kVp ¹⁾
Operating mode	Conventional control gear (CCG) and ignitor
Nominal current	9 A
PFC capacitor at 50 Hz	85 µF

¹⁾ Minimum / Maximum

Photometrical data

Luminous flux	110000 lm
Luminous efficacy	104 lm/W
Light color (designation)	Neutral White
Color temperature	3350 K
Color rendering index Ra	64
Light color	633
Rated LLMF at 2,000 h	0.91
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.82
Rated LLMF at 8,000 h	0.78
Rated LLMF at 12,000 h	0.70
Rated lamp efficacy (standard co.)	104 lm/W
UV protection	Yes

Dimensions & Weight

Overall length	345.00 mm
Length	345.00 mm
Light center length (LCL)	220,0 mm
Diameter	76 mm
Maximum diameter	76 mm
Product weight	413.5 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	500 °C
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Maximum permitted base edge temperature	250 °C
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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	0.83
Rated lamp survival factor at 8,000 h	0.62
Rated lamp survival factor at 12,000 h	0.16
Lifespan B50	9000 h

Additional product data

Base (standard designation)	E40
Mercury content	110.0 mg
Mercury-free	No
Design / version	Clear

Capabilities

Dimmable	No
Burning position	p30
Enclosed luminaire required	Yes
Hot restart	No



Certificates & Standards


Energy efficiency class	A+
Energy consumption	1160.50 kWh/1000h

Country-specific categorizations

ILCOS	MT/UB-1000/635-H/E/SL-E40-76/345/H
Order reference	HQI-T 1000W/N E

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	High-Intensity-Discharge lamps. Operation instructions
	Product family datasheet	343037_family POWERSTAR HQI-T 1000W-2000W

Photometric and lighting design files		Document name
	Spectral power distribution	384078_HQI_T_N_E40

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321528285	Round wrap 1	750 mm x 375 mm	490.00 g	
4008321528292	Shipping box 6	440 mm x 210 mm x 300 mm	3514.00 g	27.72 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.