

POWERSTAR HQI-T 1000...2000 W

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**Product benefits**

- Output of up to 2,000 W
- High efficiency
- E40 screw base for simple lamp handling
- Long life time
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

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 [...] [Show all](#)

Product family: important data at a glance

HQI-T 2000 W/D

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Energy Label

**Technical data****Electrical data**

Nominal wattage	2000 W
Nominal voltage	230 V
Lamp current	10.3 A
PFC capacitor at 50 Hz	85 μ F <small>1-0</small>
Ignition voltage	4.0 / 5.0 kVp <small>2-1</small>
Rated wattage	2100.00 W
Rated lamp efficacy (standard condition)	85 lm/W
Energy consumption	2310 kWh/1000h

Light technical data

Nominal luminous flux	180000 lm
Color temperature	7250 K
Color rendering index Ra	80
Color rendering group	1B
Light color	860
Rated LLMF at 2,000 h	0.85

Rated LLMF at 4,000 h	0.80
Rated LLMF at 6,000 h	0.70
Rated LLMF at 8,000 h	0.60
UV protection	Yes
Rated luminous flux	180000 lm

Dimensions & weight

Diameter	100.0 mm
Length	430.0 mm
Light center length (LCL)	265.0 mm

Colors & materials

Lamp mercury content	170.0 mg
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Temperatures

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

Lifespan

Rated lamp survival factor at 2,000 h	0.98
Rated lamp survival factor at 4,000 h	0.89
Rated lamp survival factor at 6,000 h	0.76
Rated lamp survival factor at 8,000 h	0.58
Lifespan B50	9000 h

Additional product data

Base (standard designation)	E40
Design / version	Clear

Capabilities

Burning position	p30
Enclosed luminaire required	Yes


Certificates & standards

Energy efficiency class	A+
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Country specific categorizations

ILCOS	MT/UB-2000/972-E/E/SL-E40-100/430/H
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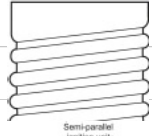
Graphics and application images



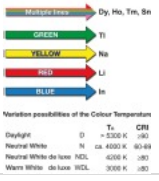
Product line drawing



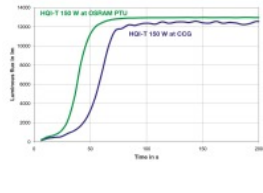
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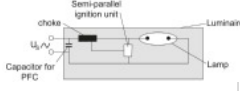
Base



Others graphics




Others graphics



Circuit diagram

Downloads

Energy efficiency class

File	Type	Size
 Energy label, vertical EL-p-4008321526809	pdf	38.3 KB

General documents

File	Type	Size
Product Family Datasheet family POWERSTAR HQI-T 1000W-2000W	pdf	515.1 KB
Brochures High Intensity Discharge lamps. Technical information on reducing the wattage	pdf	741.1 KB
Brochures METAL HALIDE LAMPS (GB)	pdf	3.1 MB
Installation/Operation notice POWERSTAR HQI – Technical Guide	pdf	763.2 KB
Operating instructions OPERATION INSTRUCTIONS HIGH-PRESSURE DISCHARGE LAMPS (GB)	pdf	57.4 KB

Packaging information

EAN code	Packaging unit Pieces per unit	Dimensions l x w x h	Gross weight	Volume
4008321526809	Round wrap 1	465 mm x 130 mm x 130 mm	775.00 g	7.86 dm ³
4008321526816	Shipping carton box 4	292 mm x 526 mm x 275 mm	3724.00 g	42.24 dm ³

Country-specific information

EAN code	SEG number	STK number
4008321526809	8333120	4834733

1) At rated voltage and $\cos \phi \geq 0.9$
 2) Minimum / Maximum

