

Product datasheet

HQI-E 400 W/D PRO

POWERSTAR HQI-E coated | Metal halide lamps with quartz technology for enclosed luminaires



- Factories and workshops Exhibition halls and trade fairs Sports halls and multi-purpose halls Approved only for use in enclosed luminaires Outdoor applications only in suitable luminaires

- Long lifetime 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 (NDL), daylight (D) Product benefits Long lifetime E40 screw base for simple lamp handling UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter Areas of application Factories and workshops Exhibition halls and trade fairs Sports halls and multi-purpose halls Approved only for use in enclosed luminaires Outdoor applications only in suitable luminaires



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Technical data

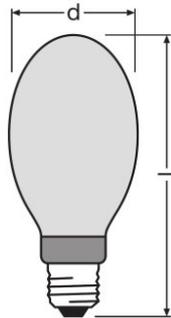
Electrical data

PFC capacitor at 50 Hz	45 μ F
Ignition voltage	4.0/5.0 kVp
Nominal current	4 A A

Photometrical data

Rated LLMF at 2,000 h	0.92
Rated LLMF at 4,000 h	0.9
Rated LLMF at 6,000 h	0.87
Rated LLMF at 8,000 h	0.85
Rated LLMF at 12,000 h	0.81
UV protection	Yes
Luminous flux	34000 lm

Dimensions & weight



Product weight	230.00 g
Overall length	290.00 mm

Temperatures & operating conditions

Maximum permitted base edge temperature	250 °C
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Lifespan

Lifespan B50	16000 h
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Additional product data

Product remark	With NAV control gear
Design / version	Coated

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Mercury content	73.5 mg
Appropriate disposal acc. to WEEE	Yes

Capabilities

Burning position	Any
Enclosed luminaire required	Yes

Certificates & standards

Energy efficiency class	G
Energy consumption	430.00 kWh/1000h

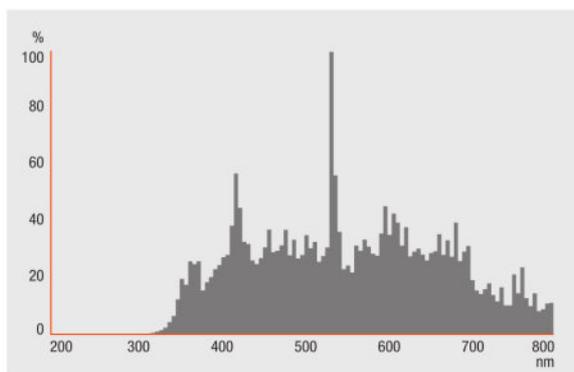
Country specific categorizations

ILCOS	ME/UB-250/952-H/E/SL-E40-120/290
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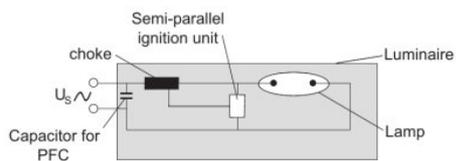
Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4008321677884
Declaration No. in SCIP database	In work

Light Distribution



HQI_T_D_PRO



OPERATION OF HIGH INTENSITY DISCHARGE LAMPS
WITH SEMI-PARALLEL IGNITION UNIT

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Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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OSRAM

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