

# PRODUCT FAMILY DATASHEET

## POWERSTAR HQI-E clear

Metal halide lamps with quartz technology for enclosed luminaires



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### 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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### 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

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### PRODUCT FEATURES

- POWERSTAR quartz technology
- Light color: neutral white (N)



TECHNICAL DATA

Product description	Electrical data						Photometrical data				
	Rated wattage	Lamp current	PFC capacitor at 50 Hz	Nominal wattage	Nominal voltage	Ignition voltage	Rated lamp efficacy (standard condition)	Rated luminous flux	Color temperature	Light color	Rated LLMF at 2,000 h
HQI-E 400 W/N CL <sup>1)</sup>	442.00 W	3.8 A	45 µF <sup>2)</sup>	440.00 W	125 V	4.0 / 5.0 kVp <sup>3)</sup>	93 lm/W	42000 lm	4000 K	640	0.86

Product description	Rated LLMF at 4,000 h	Rated LLMF at 6,000 h	Rated LLMF at 8,000 h	UV protection	Luminous flux	Color rendering index Ra	Dimensions & weight				Temperatures & operating conditions	
							Diameter	Length	Light center length (LCL)	Product weight	Max. permitted outer bulb temperature	Max. permitted edge temperature
HQI-E 400 W/N CL <sup>1)</sup>	0.75	0.68	0.64	Yes	42000 lm	62	120.0 mm	290.0 mm	198.0 mm	249.20 g	500 °C	250 °C

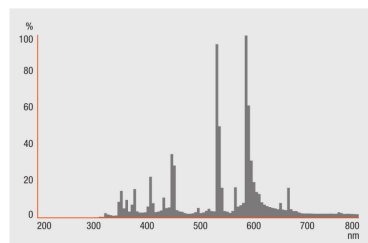
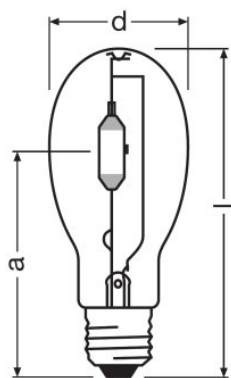
Product description	Lifespan				Additional product data			Capabilities		
	Rated lamp survival factor at 2,000 h	Rated lamp survival factor at 4,000 h	Rated lamp survival factor at 6,000 h	Lifespan B50	Base (standard designation)	Design / version	Mercury content	Dimmable	Burning position	Enclosed luminaire required
HQI-E 400 W/N CL <sup>1)</sup>	0.99	0.99	0.70	9000 h	E40	Clear	52.0 mg	No	h45	Yes

Product description	Certificates & standards	Country-specific categorizations
	Energy consumption	ILCOS
HQI-E 400 W/N CL <sup>1)</sup>	495 kWh/1000h	MC/UB-400/637-H/E/SL-E40-120/290

<sup>1)</sup> With NAV control gear

<sup>2)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

<sup>3)</sup> Minimum



HQI-E 400 W/N CL

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**APPLICATION ADVICE**

For more detailed application information and graphics please see product datasheet.

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075039797	Shipping carton box 12	545 mm x 410 mm x 410 mm	5560.00 g	91.61 dm <sup>3</sup>

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.