
Product datasheet

HQI-E 400 W/D PRO

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



Technical data

Electrical data

Nominal wattage	400.00 W
Rated wattage	420.00 W
Lamp current	4.0 A
PFC capacitor at 50 Hz	45 μ F ¹⁾
Nominal voltage	115 V
Ignition voltage	4.0 kVp;5.0 kVp ²⁾
Nominal current	4 A

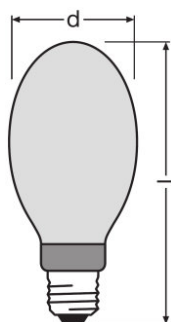
¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

²⁾ Minimum;Maximum

Photometrical data

Rated lamp efficacy (standard condition)	81 lm/W
Rated luminous flux	34000 lm
Color rendering index Ra	90
Color temperature	5200 K
Light color	952
Rated LLMF at 2,000 h	0.92
Rated LLMF at 4,000 h	0.90
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
Nominal luminous flux	34000 lm
Rated color temperature	5200 K
Luminous flux	34000 lm

Dimensions & weight



Diameter	120.0 mm
Length	290.0 mm
Product weight	240.00 g
Outer bulb	E120
Overall length	290.0 mm

Temperatures & operating conditions

Maximum permitted outer bulb temperature	400 °C
Maximum permitted base edge temperature	250 °C

Lifespan

Rated lamp survival factor at 2,000 h	0.96
Rated lamp survival factor at 4,000 h	0.94
Rated lamp survival factor at 6,000 h	0.93
Rated lamp survival factor at 8,000 h	0.88
Rated lamp survival factor at 12,000 h	0.81
Lifespan B50	16000 h

Additional product data

Base (standard designation)	E40
Product remark	With NAV control gear
Design / version	Coated
Mercury content	64.0 mg
Appropriate disposal acc. to WEEE	Yes
Mercury-free	No

Capabilities

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Dimmable	No
Burning position	Any
Enclosed luminaire required	Yes

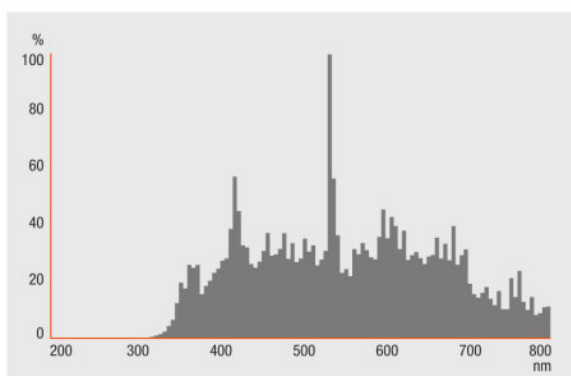
Certificates & standards

Energy efficiency class	A
Energy consumption	462 kWh/1000h

Country specific categorizations

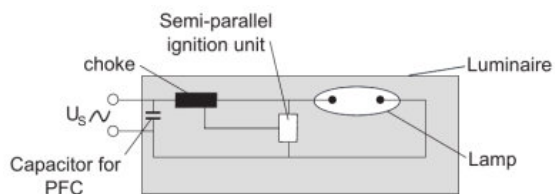
ILCOS	ME/UB-250/952-H/E/SL-E40-120/290
Order reference	HQI-E 400W/D PR

Light Distribution



HQI_T_D_PRO

Product datasheet



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

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321677884	HQI-E 400 W/D PRO	Shipping carton box 12 Pieces Round wrap	541 mm x 317 mm x 416 mm	71.34 dm ³	4239.00 g

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.

OSRAM is distribution partner of LEDVANCE of LAMPS

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