

## HQL 400 W E40

HQL | Mercury vapor lamps for open and enclosed luminaires



### Areas of application

- Factories and workshops
- Industrial installations
- Streets
- Car parks, courtyards
- Pedestrian zones, public squares
- Parks and gardens
- Suitable for use in open and enclosed luminaires
- Outdoor applications only in suitable luminaires



Technical data

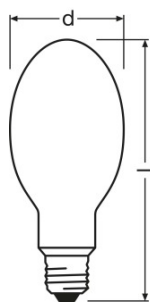
Electrical data

Nominal wattage	400.00 W
Nominal voltage	135 V
Lamp current	3.25000 A
Rated wattage	400.00 W
Ignition voltage	0.198 kVp
Rated lamp efficacy (standard condition)	55 lm/W

Photometrical data

Color temperature	3800 K
Rated luminous flux	22000 lm
Color rendering index Ra	39
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.88
Rated LLMF at 8,000 h	0.85
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.75
Rated LLMF at 20,000 h	0.70

Dimensions & weight



Diameter	122.0 mm
Length	285.0 mm
Product weight	242.00 g

Temperatures

Maximum permitted outer bulb temperature	380 °C
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## Product datasheet

Maximum permitted base edge temperature	250 °C
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### Lifespan

Lifespan B50	24000 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.96
Rated lamp survival factor at 16,000 h	0.88
Rated lamp survival factor at 20,000 h	0.74
Operation mode LLMF/LSF	50 Hz

### Additional product data

Base (standard designation)	E40
Design / version	Coated
Footnote only for product	As of April 2015 not compliant with ErP directive 245/2009
Lamp mercury content	63.2 mg

### Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

### Certificates & standards

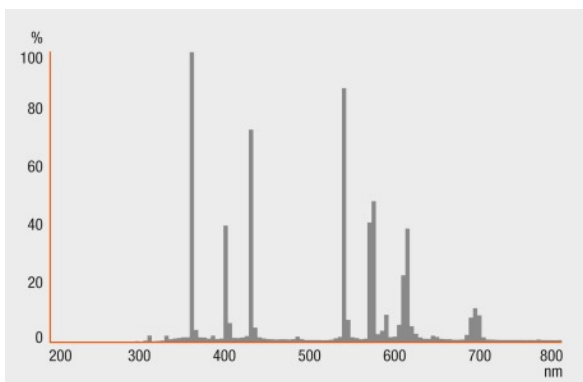
Energy efficiency class	B
Energy consumption	440 kWh/1000h

### Country specific categorizations

ILCOS	QE/R-400-H/E/S-E40-122/285
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### Light Distribution

# Product datasheet



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## Spectral power distribution

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## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300808512	HQL 400 W E40	Shipping carton box 6	263 mm x 319 mm x 375 mm	31.46 dm <sup>3</sup>	2280.00 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.

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## Disclaimer

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