

PRODUCT DATASHEET

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
Rated wattage	400.00 W
Lamp current	3.25 A
Nominal voltage	135 V
Ignition voltage	0.198 kVp

Photometrical data

Rated lamp efficacy (standard condition)	55 lm/W
Rated luminous flux	22000 lm
Color rendering index Ra	39
Color temperature	3800 K
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 & operating conditions

Maximum permitted outer bulb temperature	380 °C
Maximum permitted base edge temperature	250 °C

Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.97
Rated lamp survival factor at 6,000 h	0.95
Rated lamp survival factor at 8,000 h	0.90
Rated lamp survival factor at 12,000 h	0.75
Rated lamp survival factor at 16,000 h	0.68
Rated lamp survival factor at 20,000 h	0.60
Lifespan B50	24000 h
Lifespan B10	8000 h
Lifespan B5	6000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E40
Product remark	As of April 2015 not compliant with ErP directive 245/2009
Design / version	Coated
Mercury content	63.2 mg

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

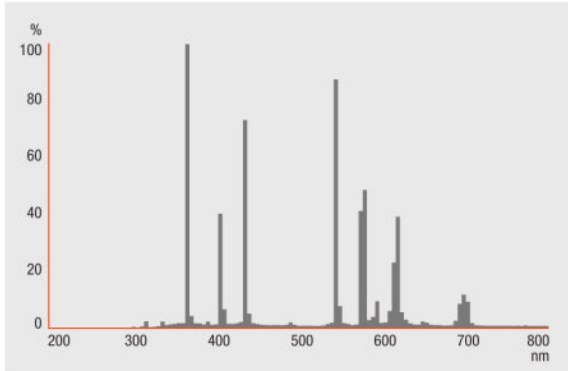
Certificates & standards

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



Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300015071	HQL 400 W E40	Shipping carton box 6	375 mm x 319 mm x 263 mm	31.46 dm ³	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.

DISCLAIMER

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