

PRODUCT DATASHEET

HQL 80 W E27

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

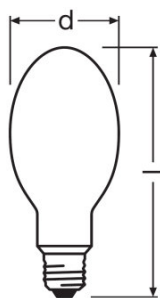
Electrical data

Nominal wattage	80.00 W
Rated wattage	80.00 W
Lamp current	0.8 A
Nominal voltage	115 V
Ignition voltage	0.198 kVp

Photometrical data

Rated lamp efficacy (standard condition)	48 lm/W
Rated luminous flux	3800 lm
Color rendering index Ra	50
Color temperature	4100 K
Rated LLMF at 2,000 h	0.88
Rated LLMF at 4,000 h	0.83
Rated LLMF at 6,000 h	0.78
Rated LLMF at 8,000 h	0.75
Rated LLMF at 12,000 h	0.70
Rated LLMF at 16,000 h	0.65
Luminous flux	3800 lm

Dimensions & weight



Diameter	71.0 mm
Length	155.0 mm
Product weight	56.00 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	310 °C
Maximum permitted base edge temperature	210 °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)	E27
Product remark	As of April 2015 not compliant with ErP directive 245/2009
Design / version	Coated
Mercury content	14.6 mg

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

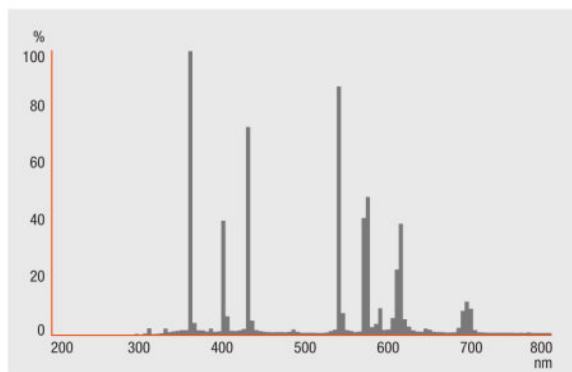
Certificates & standards

Energy efficiency class	B
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Energy consumption	88 kWh/1000h

Country-specific categorizations

ILCOS	QE/R-80-H/E/S-E27-71/155
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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
4050300012360	HQL 80 W E27	Shipping carton box 40	424 mm x 355 mm x 356 mm	53.59 dm ³	3742.57 g
4050300898704	HQL 80 W E27	Shipping carton box 40	383 mm x 306 mm x 353 mm	41.37 dm ³	2841.00 g
4052899374089	HQL 80 W E27	Shipping carton box 40	383 mm x 306 mm x 353 mm	41.37 dm ³	3472.00 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.