

PRODUCT DATASHEET HQL 125 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



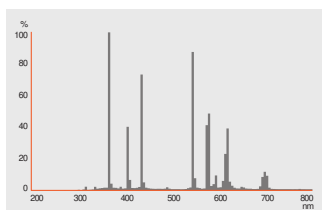
TECHNICAL DATA

Electrical data

Nominal wattage	125 W
Construction wattage	125.00 W
Nominal voltage	125 V
Ignition voltage	0.198 kVp
Operating mode	Conventional control gear (CCG) without ignitor
Nominal current	1.15 A
PFC capacitor at 50 Hz	10 µF

Photometrical data

Luminous flux	6300 lm
Luminous efficacy	50 lm/W
Color temperature	4000 K
Color rendering index Ra	50
Light color	540
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.85
Rated LLMF at 6,000 h	0.77
Rated LLMF at 8,000 h	0.75
Rated LLMF at 12,000 h	0.69
Rated LLMF at 16,000 h	0.63
Rated lamp efficacy (standard co.)	50 lm/W
UV protection	No



Dimensions & Weight

Overall length	168.00 mm
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Diameter	76 mm
Product weight	62.00 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	0.68
Rated lamp survival factor at 20,000 h	0.60
Lifespan B10	8000 h
Lifespan B5	6000 h
Lifespan B50	24000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E27
Mercury content	21.8 mg
Mercury-free	No
Design / version	Coated
Product remark	As of April 2015 not compliant with ErP directive 245/2009

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

Certificates & Standards

Energy efficiency class	B
Energy consumption	137.50 kWh/1000h

Country-specific categorizations

ILCOS	QE/R-125-H/E/S-E27-76/168
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Order reference	HQL 125W E27
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	168.00 mm
Height	76 mm
Width	76 mm

DOWNLOAD DATA

Documents and certificates



User instruction

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300012377	Round wrap 1	177 mm x 79 mm x 80 mm	84.80 g	1.12 dm ³
4008321864987	Shipping box 40	405 mm x 393 mm x 321 mm	4352.00 g	51.09 dm ³

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.