

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



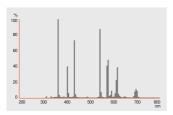
TECHNICAL DATA

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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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	Diameter	76 mm		
Maximum permitted outer bulb temperature 210 °C Maximum permitted base edge temperat	Product weight	62.00 g		
Maximum permitted base edge temperature 210 °C ifespan Rated lamp survival factor at 2,000 h Rated lamp survival factor at 4,000 h Rated lamp survival factor at 4,000 h Rated lamp survival factor at 6,000 h Rated lamp survival factor at 8,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 20,000 h Lifespan B10 Lifespan B50 Operation mode LLMF/LSF S0 Hz	emperatures & operating conditions			
ifespan Rated lamp survival factor at 2,000 h Rated lamp survival factor at 4,000 h Rated lamp survival factor at 4,000 h Rated lamp survival factor at 8,000 h Rated lamp survival factor at 8,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 20,000 h Lifespan B10 Lifespan B50 Rated lamp survival factor at 20,000 h Lifespan B50 Rated lamp survival factor at 20,000 h Rated lamp survival factor at 16,000 Rated lamp survival factor at 12,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 20,000 h Ra	Maximum permitted outer bulb temperature	310 °C		
Rated lamp survival factor at 2,000 h Rated lamp survival factor at 4,000 h Rated lamp survival factor at 4,000 h Rated lamp survival factor at 8,000 h Rated lamp survival factor at 8,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 20,000 h Rated lamp survival fac	Maximum permitted base edge temperature	210 °C		
Rated lamp survival factor at 4,000 h Rated lamp survival factor at 6,000 h Rated lamp survival factor at 8,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 16,000 Rated lamp survival factor at 16,000 Rated lamp survival factor at 20,000 h Lifespan B10 B000 h Lifespan B5 G000 h Lifespan B5 Operation mode LLMF/LSF 50 Hz diditional 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 apabilities Dimmable Burning position Any Enclosed luminaire required No ertificates & Standards Energy efficiency class	ifespan			
Rated lamp survival factor at 6,000 h Rated lamp survival factor at 8,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 16,000 Rated lamp survival factor at 20,000 h Rated lamp survival factor at 20,000 h Lifespan B10 S000 h Lifespan B5 G000 h Lifespan B50 Qperation mode LLMF/LSF 50 Hz diditional 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 apabilities Dimmable Burning position Any Enclosed luminaire required No Pertificates & Standards Energy efficiency class	Rated lamp survival factor at 2,000 h	0.99		
Rated lamp survival factor at 12,000 h Rated lamp survival factor at 12,000 h Rated lamp survival factor at 16,000 Rated lamp survival factor at 20,000 h Despan B10 Lifespan B5 Good h Lifespan B5 Lifespan B5 So Hz Additional product data Base (standard designation) Mercury content Design / version Product remark As of April 2015 not compliant with ErP directive 245/2009 Capabilities Dimmable Burning position Any Enclosed luminaire required No Certificates & Standards Energy efficiency class B A600 h D600 h D6	Rated lamp survival factor at 4,000 h	0.97		
Rated lamp survival factor at 12,000 h Rated lamp survival factor at 16,000 Rated lamp survival factor at 20,000 h Lifespan B10 Lifespan B5 6000 h Lifespan B50 24000 h Operation mode LLMF/LSF S0 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 Burning position Any Enclosed luminaire required No Eertificates & Standards Energy efficiency class	Rated lamp survival factor at 6,000 h	0.95		
Rated lamp survival factor at 16,000 Rated lamp survival factor at 20,000 h 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 Product remark As of April 2015 not compliant with ErP directive 245/2009 Capabilities Dimmable Burning position Any Enclosed luminaire required No Certificates & Standards Energy efficiency class B 8000 h 80000 h 800000 h 800000 h 8000000 h 80000000000	Rated lamp survival factor at 8,000 h	0.90		
Rated lamp survival factor at 20,000 h 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 Lapabilities Dimmable No Burning position Any Enclosed luminaire required No Eertificates & Standards Energy efficiency class	Rated lamp survival factor at 12,000 h	0.75		
Lifespan B10 Lifespan B5 6000 h Lifespan B50 24000 h Operation mode LLMF/LSF 50 Hz Additional product data Base (standard designation) 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	Rated lamp survival factor at 16,000	0.68		
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	Rated lamp survival factor at 20,000 h	0.60		
Lifespan B50 Operation mode LLMF/LSF 50 Hz dditional 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 apabilities Dimmable Burning position Any Enclosed luminaire required No ertificates & Standards Energy efficiency class B	Lifespan B10	8000 h		
Operation mode LLMF/LSF dditional product data Base (standard designation) E27 Mercury content Design / version Product remark As of April 2015 not compliant with ErP directive 245/2009 Capabilities Dimmable Burning position Enclosed luminaire required No Certificates & Standards Energy efficiency class B E27 Any No Any Burning position Any Enclosed luminaire required No	Lifespan B5	6000 h		
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 apabilities Dimmable No Burning position Enclosed luminaire required No Enclosed standards Energy efficiency class B	Lifespan B50	24000 h		
Base (standard designation) Mercury content 21.8 mg Mercury-free No Design / version Coated Product remark As of April 2015 not compliant with ErP directive 245/2009 apabilities Dimmable No Burning position Any Enclosed luminaire required No Mercury-free No Burning position Any Enclosed luminaire required No Energy efficiency class B	Operation mode LLMF/LSF	50 Hz		
Mercury content Mercury-free No Design / version Coated Product remark As of April 2015 not compliant with ErP directive 245/2009 Capabilities Dimmable Burning position Enclosed luminaire required No Certificates & Standards Energy efficiency class B	dditional product data			
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	Base (standard designation)	E27		
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	Mercury content	21.8 mg		
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	Mercury-free	No		
Dimmable No Burning position Any Enclosed luminaire required No Energy efficiency class B	Design / version	Coated		
Dimmable No Burning position Any Enclosed luminaire required No certificates & Standards Energy efficiency class B	Product remark	As of April 2015 not compliant with ErP directive 245/2009		
Burning position Any Enclosed luminaire required No Eertificates & Standards Energy efficiency class B	Capabilities			
Enclosed luminaire required No Certificates & Standards Energy efficiency class B	Dimmable	No		
Certificates & Standards Energy efficiency class B	Burning position	Any		
Energy efficiency class B	Enclosed luminaire required	No		
	Certificates & Standards			
Energy consumption 137.50 kWh/1000h	Energy efficiency class	В		
	Energy consumption	137.50 kWh/1000h		
	11.000	OF /D 125 LL/F /S F27 77 /1/0		

QE/R-125-H/E/S-E27-76/168

ILCOS

Order reference	HQL 125W E27

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	- 27
Length 1	168.00 mm
Height 7	76 mm
Width 7	76 mm

DOWNLOAD DATA

Documents	and	certificates
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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 dm³
4008321864987	Shipping box 40	405 mm x 393 mm x 321 mm	4352.00 g	51.09 dm³

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.