

PRODUCT DATASHEET

HQL 125 W 4Y E27

HQL® 4Y® | Mercury vapor lamps for open and enclosed luminaires



Areas of application

- Squares, residential areas, parks, main roads and trunk roads
- Car parks and industrial sites
- Hall and effect lighting
- Decorative plant lighting
- Outdoor applications only in suitable luminaires



TECHNICAL DATA

Electrical data

Nominal wattage	125 W
Construction wattage	126.90 W
Ignition voltage	0.198 kVp
Nominal current	1.2 A
PFC capacitor at 50 Hz	10 µF

Photometrical data

Luminous flux	6800 lm
Luminous efficacy	54 lm/W
Color temperature	3600 K
Color rendering index Ra	52
Light color	536
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.92
Rated LLMF at 6,000 h	0.90
Rated LLMF at 8,000 h	0.89
Rated LLMF at 12,000 h	0.89
Rated LLMF at 16,000 h	0.88
Rated LLMF at 20,000 h	0.85
Rated lamp efficacy (standard co.)	51 lm/W
UV protection	No

Dimensions & Weight

Overall length	170.00 mm
Diameter	76 mm
Product weight	64.8 g

Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.87
Rated lamp survival factor at 6,000 h	0.49
Rated lamp survival factor at 8,000 h	0.10
Lifespan B50	25000 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

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No


Country-specific categorizations

ILCOS	QE/R-125/34/3-H-E27-76/168
Order reference	HQL 125W 4Y E27

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	Document name
 User instruction / safety instructions	High-Intensity-Discharge lamps. Operation instructions

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321097835	Round wrap 1	183 mm x 80 mm x 80 mm	84.80 g	1.17 dm ³
4008321097842	Shipping box 40	445 mm x 365 mm x 387 mm	4884.00 g	62.86 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.