

PRODUCT DATASHEET

HQL 50 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	50 W
Construction wattage	50.20 W
Ignition voltage	0.198 kVp
Nominal current	600 mA
PFC capacitor at 50 Hz	7 µF

Photometrical data

Luminous flux	2000 lm
Luminous efficacy	40 lm/W
Color temperature	3500 K
Color rendering index Ra	56
Light color	535
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.83
Rated LLMF at 6,000 h	0.81
Rated LLMF at 8,000 h	0.77
Rated lamp efficacy (standard co.)	39 lm/W
UV protection	No

Dimensions & Weight

Overall length	130.00 mm
Diameter	56,0 mm
Product weight	40.8 g

Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000	0.99
Rated lamp survival factor at 20,000 h	0.98
Lifespan B50	25000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E27
Mercury content	12.3 mg
Mercury-free	No
Design / version	Coated

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

Country-specific categorizations

ILCOS	QE/R-50/34/3-H-E27-56/130
Order reference	HQL 50W 4Y E27

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	130.00 mm
Height	56,0 mm
Width	56,0 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
4008321097859	Round wrap 1	140 mm x 60 mm x 60 mm	48.80 g	0.50 dm³
4008321097866	Shipping box 40	356 mm x 296 mm x 302 mm	2492.00 g	31.82 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.