

PRODUCT DATASHEET

HQL 80 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	80 W
Construction wattage	80.20 W
Ignition voltage	0.198 kVp
Nominal current	0.8 A
PFC capacitor at 50 Hz	8 µF

Photometrical data

Luminous flux	4000 lm
Luminous efficacy	50 lm/W
Color temperature	3600 K
Color rendering index Ra	56
Light color	536
Rated LLMF at 2,000 h	0.92
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.82
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.79
Rated lamp efficacy (standard co.)	47 lm/W
UV protection	No

Dimensions & Weight

Overall length	155.00 mm
Diameter	71 mm
Product weight	54.00 g

Lifespan

Rated lamp survival factor at 2,000 h	0.36
Lifespan B50	25000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E27
Mercury content	14.6 mg
Mercury-free	No

Design / version	Coated
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Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	No

Country-specific categorizations

ILCOS	QE/R-80/34/3-H-E27-71/155
Order reference	HQL 80W 4Y E27

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	155.00 mm
Height	71 mm
Width	71 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
4008321097811	Round wrap 1			
4008321097828	Shipping box 40	424 mm x 355 mm x 356 mm	4202.00 g	53.59 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.