

## PRODUCT DATASHEET

### HQL 125 W 4Y E27

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



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#### 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<br>1              | 183 mm x 80 mm x 80 mm               | 84.80 g      | 1.17 dm <sup>3</sup>  |
| 4008321097842 | Shipping box<br>40           | 445 mm x 365 mm x 387 mm             | 4884.00 g    | 62.86 dm <sup>3</sup> |

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

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