

## HQL 80 W E27

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HQL | High intensity discharge lamps



- Factories and workshops
- Industrial installations
- Streets
- Car parks, courtyards
- Pedestrian zones, public squares
- Parks and gardens



## Technical data

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### Electrical data

Nominal wattage	80 W
PFC capacitor at 50 Hz	8.0 $\mu\text{F}$ <sup>1)</sup>
Rated wattage	80.1 W
Lamp current	0.8 A
Rated lamp efficacy (standard condition)	46 lm/W

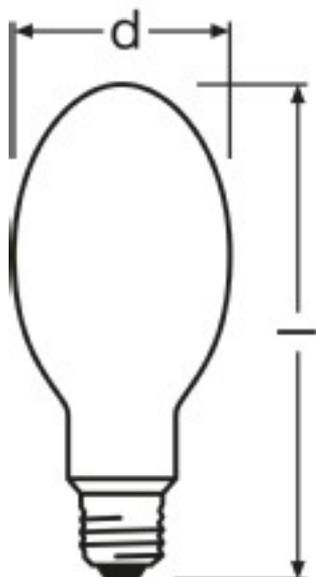
<sup>1)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

### Light technical data

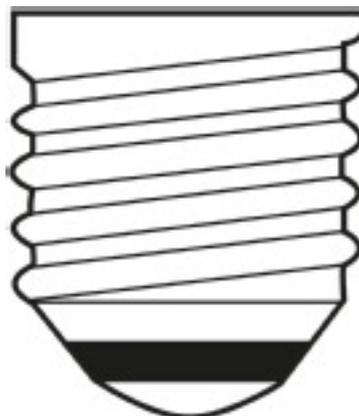
Nominal luminous flux	3600 lm
Color temperature	4000 K
Color rendering group	3
Rated luminous flux	3600 lm
Color rendering index Ra	51
Luminance	5 cd/cm <sup>2</sup>
Rated LLMF at 2,000 h	0.94
Rated LLMF at 4,000 h	0.91
Rated LLMF at 6,000 h	0.89
Rated LLMF at 8,000 h	0.88
Rated LLMF at 12,000 h	0.88
Rated LLMF at 16,000 h	0.88
Rated LLMF at 20,000 h	0.85

### Dimensions & weight

Diameter	71.0 mm
Length	155.0 mm



*Product line drawing with letters*



E27  
IEC 7004-21

*Base*



**E 27**

*Base*

**Colors & materials**

Lamp mercury content	14.6 mg
Mercury-free	No

**Temperatures**

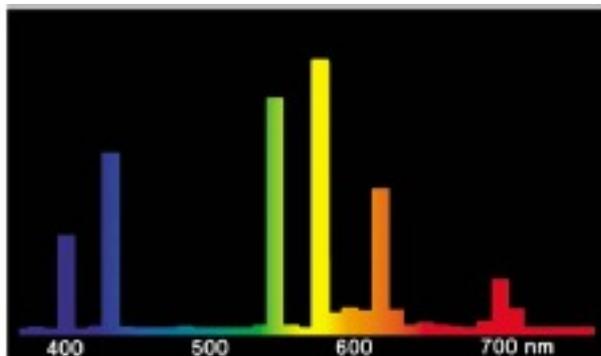
Maximum permitted outer bulb temperature	310 °C
Maximum permitted base edge temperature	210 °C

**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 h	0.96
Rated lamp survival factor at 20,000 h	0.70
Operation mode LLMF/LSF	50 Hz

**Additional product data**

Base (standard designation)	E27
Design / version	Coated



HQL®

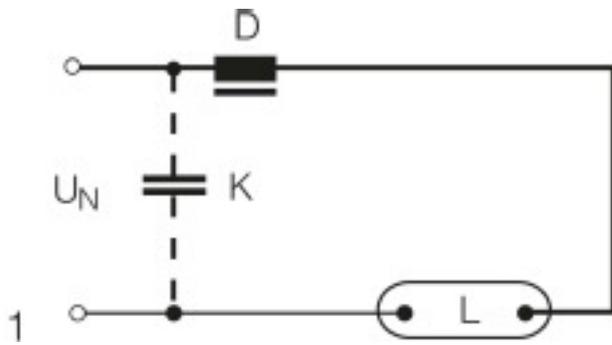
*Spectral power distribution*

**Capabilities**

<b>Dimmable</b>	No
<b>Burning position</b>	Any

**Country specific categorizations**

<b>ILCOS</b>	QE/R-80/41/3-H-E27-71/155
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*Circuit diagram*

**Logistical Data**

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300012360	Round wrap 1	75 mm x 75 mm x 165 mm	71.00 g	0.93 dm <sup>3</sup>
4050300213200	Shipping carton box 40	356 mm x 355 mm x 424 mm	3742.57 g	53.59 dm <sup>3</sup>

## Disclaimer

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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.