

## HQL 250 W E40

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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	250 W
PFC capacitor at 50 Hz	18 $\mu$ F <sup>1)</sup>
Rated wattage	242.4 W
Lamp current	2.2 A
Rated lamp efficacy (standard condition)	52 lm/W

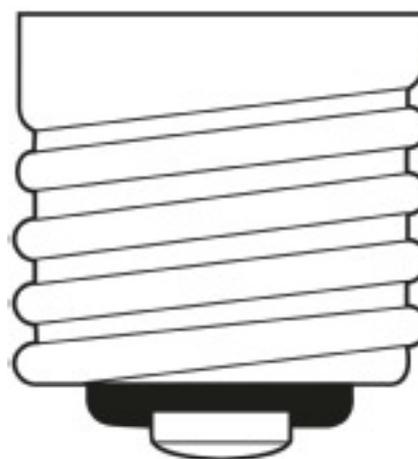
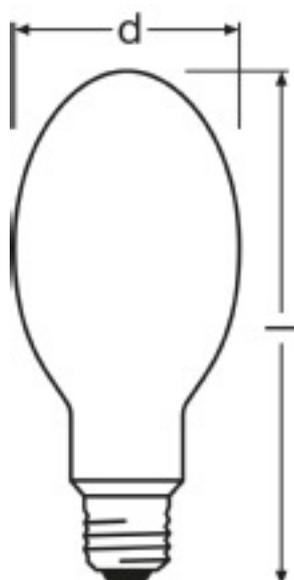
<sup>1)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

### Light technical data

Nominal luminous flux	13000 lm
Color temperature	4000 K
Color rendering group	3
Rated luminous flux	12600 lm
Color rendering index Ra	41
Luminance	10 cd/cm <sup>2</sup>
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.93
Rated LLMF at 8,000 h	0.91
Rated LLMF at 12,000 h	0.84
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.77

### Dimensions & weight

Diameter	91.0 mm
Length	226.0 mm



E40  
IEC 7004-24  
DIN 40625

Product line drawing with letters

Base

#### Colors & materials

Lamp mercury content	39.1 mg
Mercury-free	No

#### Temperatures

Maximum permitted outer bulb temperature	350 °C
Maximum permitted base edge temperature	250 °C

#### Lifespan

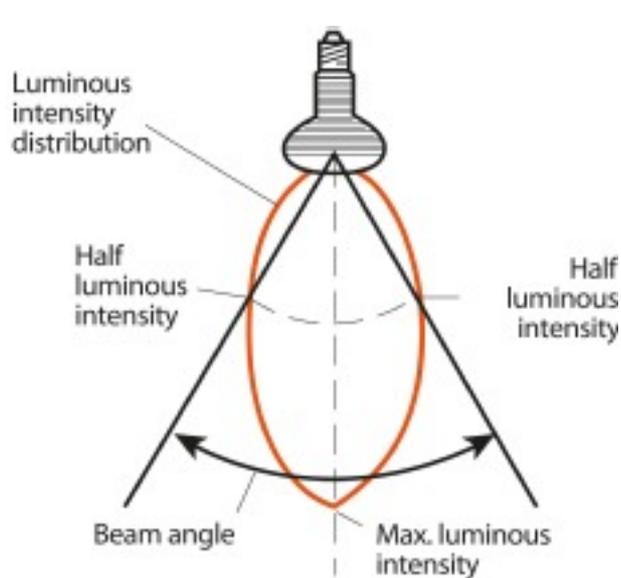
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.99
Rated lamp survival factor at 16,000 h	0.97

**Lifespan**

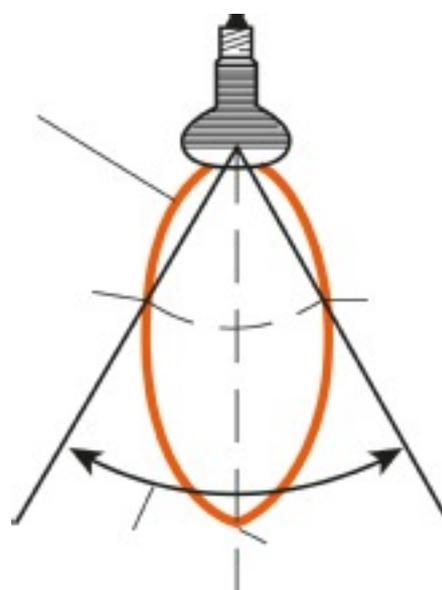
Rated lamp survival factor at 20,000 h	0.92
Operation mode LLMF/LSF	50 Hz

**Additional product data**

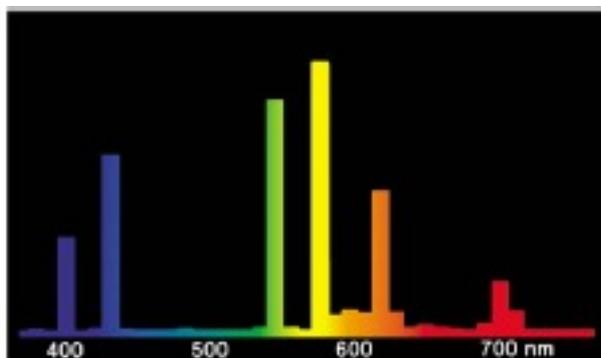
Base (standard designation)	E40
Design / version	Coated



*Luminous intensity distribution*



*Luminous intensity distribution*



HQL®

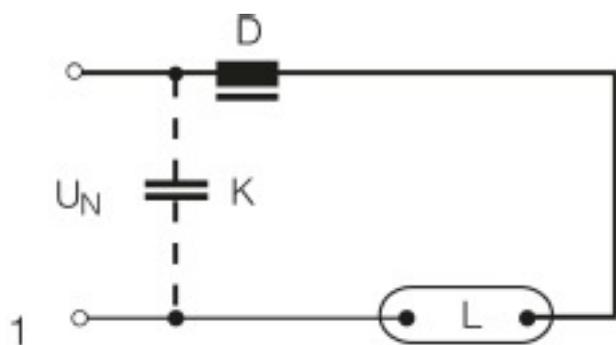
*Spectral power distribution*

**Capabilities**

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

**Country specific categorizations**

<b>ILCOS</b>	QE/R-250/40/3-H-E40-91/226
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Circuit diagram

**Logistical Data**

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321002006	Round wrap 1	- x - x -		
4008321002013	Shipping carton box 12	- x - x -		
4050300015064	Round wrap 1	97 mm x 93 mm x 230 mm	224.00 g	2.07 dm <sup>3</sup>
4050300212555	Shipping carton box 12	345 mm x 267 mm x 430 mm	3351.00 g	39.61 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.