



product details

**HQL 250**

Product description: HQL 250  
 Product code: 4050300212555  
 Quantity: Shipping carton box (VS) contains  
 12 Piece (PCE)

You can find this product in the eCatalog:

[http://catalog.myosram.com?~language=EN&~country=DE&it\\_p=4050300212555](http://catalog.myosram.com?~language=EN&~country=DE&it_p=4050300212555)

Applications	
Burning position	any

Categorizations	
SEG number	8332686
ILCOS	QE/R-250/40/3-H-E40-91/226

General Description	
Recycling	Yes
Mercury-free	No
Rated lamp mercury content	39.1 mg
Base (standard designation)	E40
Design / version	Coated

Technical - Electrical Data	
Rated lamp efficacy (standard condition)	52 lm/W
PFC capacitor at 50 Hz	18 µF <sup>1)</sup>
Construction wattage	242.4 W
Construction current	2.2 A
Nominal wattage (packaging)	250 W

Technical - Geometries	
Diameter	91 mm
Length	226.00 mm

Technical - 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
Rated lamp survival factor at 20,000 h	0.92
Operation mode LLMF/LSF	50 Hz
Lifespan	20000 h <sup>2)</sup>

Technical - Light Technical Data	
Rated color rendering index Ra	41
Rated luminous flux	12600 lm
Nominal luminous flux	13000 lm
Luminous flux	13000 lm
Rated color temperature	4000 K
Color rendering index Ra	46



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Subject to change without notice. Errors and omission excepted.

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**Technical - Light Technical Data**

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
Color temperature	4000 K
Color rendering group	3
Luminance	10 cd/cm <sup>2</sup>
Luminous efficiency	52 lm/W

**Technical - Temperatures**

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

**Packaging units**

Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4050300015064	Round wrap contains 1 Piece	95,000 mm x 95,000 mm x 235,000 mm	230,000 g (0,000 g)	2,121 Cubic dec.
4050300212555	Shipping carton box contains 12 Piece	334,000 mm x 255,000 mm x 427,000 mm	3.350,455 g (0,000 g)	36,368 Cubic dec.

**Mercury vapor lamps HQL (Standard)**

HQL (Standard) high-pressure mercury lamps have an yttrium vanadate phosphor. Neutral white light color.

**Applications**

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

1) at rated voltage and  $\cos \varphi \geq 0.9$

2) Average lifespan