



product details

**HQL 125**

Product description: HQL 125  
 Product code: 4050300212180  
 Quantity: Shipping carton box (VS) contains  
 40 Piece (PCE)

You can find this product in the eCatalog:

[http://catalog.myosram.com?~language=EN&~country=DE&it\\_p=4050300212180](http://catalog.myosram.com?~language=EN&~country=DE&it_p=4050300212180)

Applications	
Burning position	any

Categorizations	
SEG number	8332682
ILCOS	QE/R-125/42/3-H-E27-76/168

General Description	
Recycling	Yes
Mercury-free	No
Rated lamp mercury content	21.8 mg
Base (standard designation)	E27
Design / version	Coated

Technical - Electrical Data	
Rated lamp efficacy (standard condition)	47 lm/W
PFC capacitor at 50 Hz	10 $\mu$ F <sup>1)</sup>
Construction wattage	126.8 W
Construction current	1.2 A
Nominal wattage (packaging)	125 W

Technical - Geometries	
Diameter	76 mm
Length	168.00 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	0.97
Rated lamp survival factor at 16,000 h	0.92
Rated lamp survival factor at 20,000 h	0.70
Operation mode LLMF/LSF	50 Hz
Lifespan	20000 h <sup>2)</sup>

Technical - Light Technical Data	
Rated color rendering index Ra	47
Rated luminous flux	6000 lm
Nominal luminous flux	6300 lm
Luminous flux	6300 lm
Rated color temperature	4100 K
Color rendering index Ra	50



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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	0.92
Rated LLMF at 4,000 h	0.88
Rated LLMF at 6,000 h	0.85
Rated LLMF at 8,000 h	0.80
Rated LLMF at 12,000 h	0.78
Rated LLMF at 16,000 h	0.77
Rated LLMF at 20,000 h	0.75
Color temperature	4200 K
Color rendering group	3
Luminance	7 cd/cm <sup>2</sup>
Luminous efficiency	50 lm/W

Technical - Temperatures	
Maximum permitted outer bulb temperature	310 °C
Maximum permitted base edge temperature	210 °C

Packaging units				
Product code	Packaging type and content	Dimensions in h x w x l	Gross weight	Volume
4050300012377	Round wrap contains 1 Piece	80,000 mm x 80,000 mm x 183,000 mm	84,800 g (0,000 g)	1,171 Cubic dec.
4050300212180	Shipping carton box contains 40 Piece	387,000 mm x 365,000 mm x 445,000 mm	4.301,333 g (0,000 g)	62,858 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