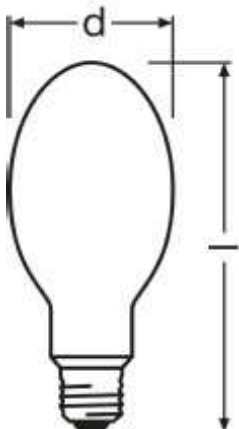


## General product description

- High Pressure Mercury Vapor Lamp

## Basic technical description



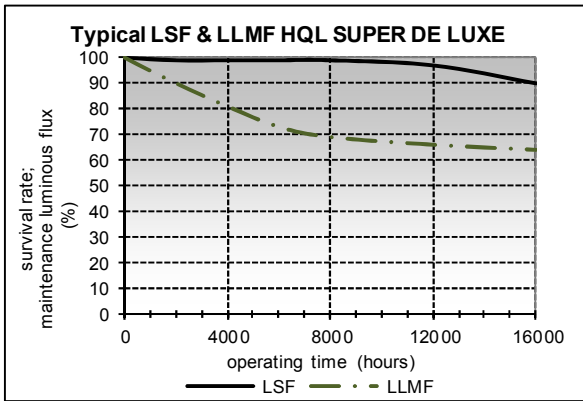
Product reference	Nominal lamp wattage	Cap	Correlated colour temperature	Length max. (l)	Diameter (d)	Weight per piece	Light centre length (a)	Typical lamp voltage <sup>1</sup>	Typical lamp current <sup>1</sup>
	[W]		[K]	[mm]	[mm]	[g]	[mm]	[V]	[A]
HQL 80W SUPER DE LUXE	80	E27	3400	155	71	56	n.a.	115	0.8

## Performance specification<sup>1</sup>

Product reference	Rated lamp wattage	Rated system wattage	Luminous flux	Luminous efficacy	Colour rendering index Ra	B5	B10	Average life (B50)
	[W]	[W]	[lm]	[lm/W]		[h]	[h]	[h]
HQL 80W SUPER DE LUXE	80	89	3400	42.5	56	6000	8000	24000

Product reference	Lamp lumen maintenance factor <sup>2</sup> (LLMF) vs. operation hours							
	2000h	4000h	6000h	8000h	12000h	16000h	20000h	24000h
HQL 80W SUPER DE LUXE	90%	81%	73%	69%	66%	64%	-	-

Product reference	Lamp survival factor <sup>3</sup> (LSF) vs. operation hours							
	2000h	4000h	6000h	8000h	12000h	16000h	20000h	24000h
HQL 80W SUPER DE LUXE	99%	99%	99%	99%	97%	90%	76%	50%



## Operation conditions

Product reference	Burning position	Max. permitted outer bulb temperature [°C]	Max. permitted pinch Temperature [°C]	Min supply voltage for ignition [V]	Required control gear <sup>4</sup>	Suitable OSRAM electronic control gear	Dimming
HQL 80W SUPER DE LUXE	universal	310	210	198V	CCG	n.a.	NO

## Safety, materials and environment

Product description	Typical mercury content [mg]
HQL 80W SUPER DE LUXE	14.4

- Compliant with safety specifications according to EN 62035
- Compliant with RoHS.