

PRODUCT FAMILY DATASHEET

HQL

Mercury vapor lamps for open and enclosed luminaires



AREAS OF APPLICATION

- Factories and workshops
- Industrial installations
- Streets
- Car parks, courtyards
- Pedestrian zones, public squares
- Parks and gardens
- Suitable for use in open and enclosed luminaires
- Outdoor applications only in suitable luminaires



TECHNICAL DATA

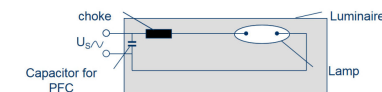
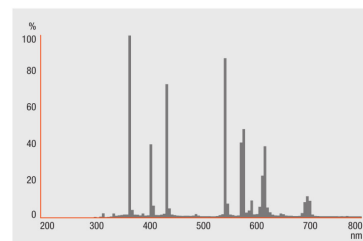
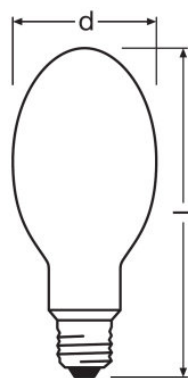
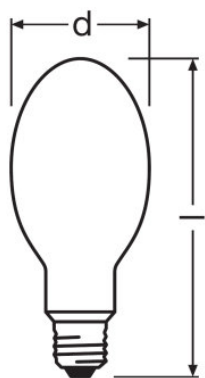
Product description	Electrical data					Photometrical data					
	Rated wattage	Lamp current	Nominal wattage	Nominal voltage	Ignition voltage	Rated lamp efficacy (standard condition)	Rated luminous flux	Color temperature	Rated LLMF at 2,000 h	Rated LLMF at 4,000 h	Rated LLMF at 6,000 h
HQL 50 W E27 ¹⁾	50.00 W	0.61 A	50.00 W	95 V	0.198 kVp	36 lm/W	1800 lm	4200 K	0.93	0.90	0.88
HQL 400 W E40 ¹⁾	400.00 W	3.25 A	400.00 W	135 V	0.198 kVp	55 lm/W	22000 lm	3800 K	0.93	0.90	0.88

Product description	Rated LLMF at 8,000 h	Rated LLMF at 12,000 h	Rated LLMF at 16,000 h	Rated LLMF at 20,000 h	Luminous flux	Color rendering index Ra	Dimensions & weight			Temperatures & operating conditions		Lifespan Rated lamp survival factor at 2,000 h
							Diameter	Length	Product weight	Max. permitted outer bulb temperature	Max. permitted edge temperature	
HQL 50 W E27 ¹⁾	0.86	0.80	0.78	0.75	1800 lm	50	56.0 mm	130.0 mm	40.00 g	310 °C	210 °C	0.99
HQL 400 W E40 ¹⁾	0.85	0.79	0.75	0.70	22000 lm	39	122.0 mm	285.0 mm	242.00 g	380 °C	250 °C	0.99

Product description	Rated lamp survival factor at 4,000 h	Rated lamp survival factor at 6,000 h	Rated lamp survival factor at 8,000 h	Rated lamp survival factor at 12,000 h	Rated lamp survival factor at 16,000 h	Rated lamp survival factor at 20,000 h	Lifespan B50	Lifespan B10	Lifespan B5	Operation mode LLMF/LSF	Additional product data	
											Base (standard designation)	Design / version
HQL 50 W E27 ¹⁾	0.97	0.95	0.90	0.75	0.68	0.60	24000 h	8000 h	6000 h	50 Hz	E27	Coated
HQL 400 W E40 ¹⁾	0.97	0.95	0.90	0.75	0.68	0.60	24000 h	8000 h	6000 h	50 Hz	E40	Coated

Product description	Mercury content	Capabilities			Enclosed luminaire required	Certificates & standards Energy consumption	Country-specific categorizations ILCOS
		Dimmable	Burning position				
HQL 50 W E27 ¹⁾	12.3 mg	No	Any	No	55 kWh/1000h	QE/R-50-H/E/S-E27-56/130	
HQL 400 W E40 ¹⁾	63.2 mg	No	Any	No	440 kWh/1000h	QE/R-400-H/E/S-E40-122/285	

¹⁾ As of April 2015 not compliant with ErP directive 245/2009



HQL 50 W E27

HQL 400 W E40

HQL 50 W E27, HQL 400 W E40

HQL 50 W E27, HQL 400 W E40

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300213798	Shipping carton box 40	356 mm x 296 mm x 302 mm	2438.33 g	31.82 dm ³
4050300808512	Shipping carton box 6	375 mm x 319 mm x 263 mm	2280.00 g	31.46 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

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