OSRAM

HWL 500 W 220...230 V E40

HWL | Mercury mixed-light lamps

- Factory and hall lighting with low-cost installations
- Upgrading light fittings with high-wattage incandescent lamps
- Factories and workshops
- Pedestrian zones, public squares

Product benefits

- HWL lamps can be used instead of incandescent lamps because they do not need either control gear or igniters
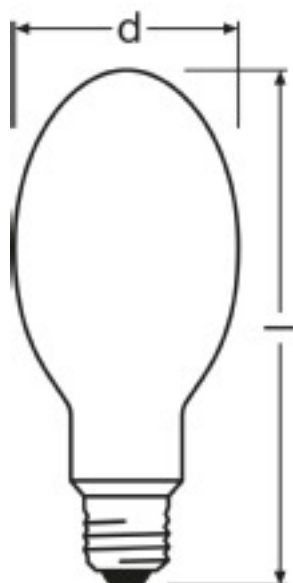
non EU

Technical data

Electrical data

Nominal voltage	220...230 V
Nominal wattage	500 W
Rated wattage	498.9 W
Lamp current	2.4 A
Rated lamp efficacy (standard condition)	29 lm/W
Ignition voltage	0.198 kVp

Light technical data

Nominal luminous flux	14000 lm
Rated luminous flux	14600 lm
Color rendering index Ra	49
Color temperature	3700 K
Color temperature	3800 K
Color rendering index Ra	46
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.88
Rated LLMF at 6,000 h	0.86

Dimensions & weight

Diameter	122.0 mm
Length	292.0 mm

Product line drawing with letters

Colors & materials

Lamp mercury content	41.1 mg

Temperatures

Maximum permitted outer bulb temperature	380 °C
Maximum permitted base edge temperature	250 °C

Lifespan

Lifespan B50	10000 h
Rated lamp survival factor at 2,000 h	0.98
Rated lamp survival factor at 4,000 h	0.95
Rated lamp survival factor at 6,000 h	0.91
Rated lamp survival factor at 8,000 h	0.86
Rated lamp survival factor at 12,000 h	0.76
Rated lamp survival factor at 16,000 h	0.66

Lifespan

Rated lamp survival factor at 20,000 h	0.55
Operation mode LLMF/LSF	50 Hz

Additional product data

Design / version	Coated
Base (standard designation)	E40
Footnote used only for product	No control gear and no igniter required

Capabilities

Dimmable	No
Burning position	hs45

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Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321001894	Round wrap 1	- x - x -		
4008321001900	Shipping carton box 12	- x - x -		

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Disclaimer

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

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