

PRODUCT DATASHEET

HWL 250 W 225 V E40

HWL® | Mercury mixed-light lamps for open and enclosed luminaires



Areas of application

- Factory and hall lighting with low-cost installations
- Upgrading light fittings with high-wattage incandescent lamps
- Factories and workshops
- Pedestrian zones, public squares
- Suitable for use in open and enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

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



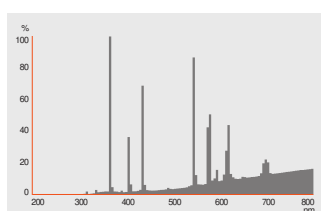
TECHNICAL DATA

Electrical data

Nominal wattage	250 W
Construction wattage	270.00 W
Nominal voltage	220...230 V
Ignition voltage	0.198 kVp
Operating mode	No control gear or ignitor required
Nominal current	1.23 A

Photometrical data

Luminous flux	5600 lm
Luminous efficacy	21 lm/W
Color temperature	3800 K
Color rendering index Ra	58
Light color	538
Rated LLMF at 2,000 h	0.96
Rated LLMF at 4,000 h	0.94
Rated LLMF at 6,000 h	0.91
Rated LLMF at 8,000 h	0.89
Rated lamp efficacy (standard co.)	21 lm/W
UV protection	No



384083_HWL

Dimensions & Weight

Overall length	226.00 mm
Diameter	91 mm
Product weight	155.00 g

Temperatures & operating conditions

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

Lifespan

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.98
Rated lamp survival factor at 6,000 h	0.97
Rated lamp survival factor at 8,000 h	0.96
Rated lamp survival factor at 12,000 h	0.90
Rated lamp survival factor at 16,000	0.72
Lifespan B50	10000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E40
Mercury content	14.4 mg
Mercury-free	No
Design / version	Coated
Product remark	No control gear and no igniter required / Phased out in the EU as non ErP compliant according to EU directive 245/2009

Capabilities

Dimmable	No
Burning position	hs30
Enclosed luminaire required	No

Certificates & Standards

Energy efficiency class	C
Energy consumption	297.00 kWh/1000h

Country-specific categorizations



ILCOS	QB/R-250-E225-E40-91/226
Order reference	HWL 250W 220-23

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E40
Length	226.00 mm

Height	91 mm
Width	91 mm

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	High-Intensity-Discharge lamps. Operation instructions
Photometric and lighting design files		Document name
	Spectral power distribution	384083_HWL

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321161123	Round wrap 1	235 mm x 95 mm x 95 mm	207.00 g	2.12 dm ³
4008321161130	Shipping box 12	427 mm x 255 mm x 334 mm	3524.00 g	36.37 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.