

# PRODUCT DATASHEET

## HWL 250 W 225 V E40

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



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### 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

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### 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	250.00 W
Rated wattage	270.00 W
Lamp current	1.23 A
Nominal voltage	220...230 V
Ignition voltage	0.198 kVp

### Photometrical data

Rated lamp efficacy (standard condition)	21 lm/W
Rated luminous flux	5600 lm
Color rendering index Ra	58
Color temperature	3800 K
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

### Dimensions & weight



Diameter	91.0 mm
Length	226.0 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
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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
Lifespan B50	10000 h
Operation mode LLMF/LSF	50 Hz

## Additional product data

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

## Capabilities

Dimmable	No
Burning position	hs30
Enclosed luminaire required	No

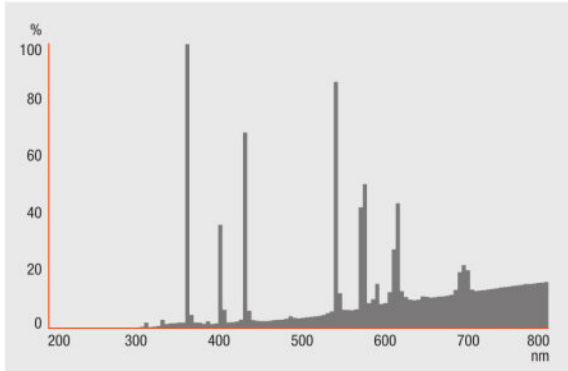
## Certificates &amp; standards

Energy efficiency class	C
Energy consumption	297 kWh/1000h

## Country-specific categorizations

ILCOS	QB/R-250-E225-E40-91/226
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Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321161123	HWL 250 W 225 V E40	Shipping carton box 12	427 mm x 255 mm x 334 mm	36.37 dm <sup>3</sup>	3524.00 g

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.