

PRODUCT DATASHEET

HWL 160 W 220...230 V E27

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

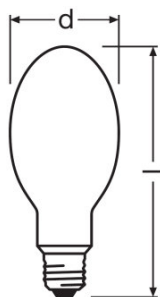
Electrical data

Nominal wattage	160.00 W
Rated wattage	175.00 W
Lamp current	0.81 A
Nominal voltage	220...230 V
Ignition voltage	0.198 kVp

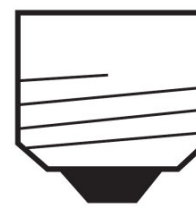
Photometrical data

Rated lamp efficacy (standard condition)	18 lm/W
Rated luminous flux	3100 lm
Color rendering index Ra	62
Color temperature	3500 K
Rated LLMF at 2,000 h	0.93
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.87
Rated LLMF at 8,000 h	0.85

Dimensions & weight



E27
IEC 7004-21



Diameter	76.0 mm
Length	168.0 mm
Product weight	65.00 g

Temperatures & operating conditions

Maximum permitted outer bulb temperature	310 °C
Maximum permitted base edge temperature	210 °C

Lifespan

Rated lamp survival factor at 2,000 h	0.99
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Rated lamp survival factor at 4,000 h	0.94
Rated lamp survival factor at 6,000 h	0.86
Rated lamp survival factor at 8,000 h	0.75
Lifespan B50	10000 h
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E27
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	16.2 mg

Capabilities

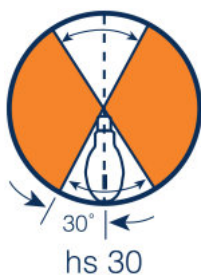
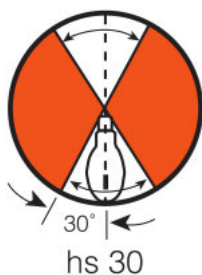
Dimmable	No
Burning position	hs30
Enclosed luminaire required	No

Certificates & standards

Energy efficiency class	D
Energy consumption	193 kWh/1000h

Country-specific categorizations

ILCOS	QB/R-160-E225-E27-76/168
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LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300015453	HWL 160 W 220...230 V E27	Shipping carton box 40	445 mm x 365 mm x 385 mm	62.53 dm ³	4066.00 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.