

HQL 50 W E27

HQL | High intensity discharge lamps



- Factories and workshops
- Industrial installations
- Streets
- Car parks, courtyards
- Pedestrian zones, public squares
- Parks and gardens



Technical data

Electrical data

Nominal wattage	50 W
PFC capacitor at 50 Hz	7.0 μF ¹⁾
Rated wattage	50.4 W
Lamp current	0.6 A
Rated lamp efficacy (standard condition)	37 lm/W

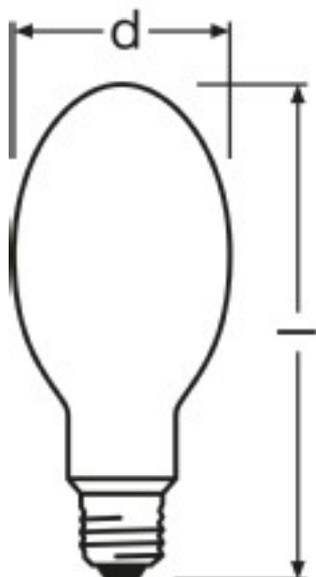
¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

Light technical data

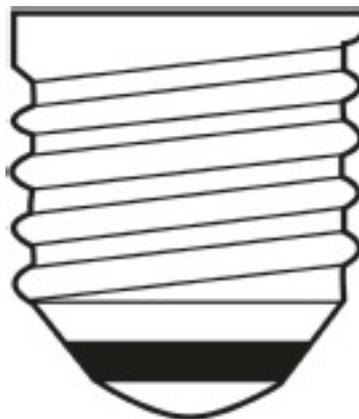
Nominal luminous flux	1800 lm
Color temperature	4400 K
Color rendering group	3
Rated luminous flux	1900 lm
Color rendering index Ra	47
Luminance	4 cd/cm ²
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.89
Rated LLMF at 8,000 h	0.86
Rated LLMF at 12,000 h	0.83
Rated LLMF at 16,000 h	0.83
Rated LLMF at 20,000 h	0.83

Dimensions & weight

Diameter	56.0 mm
Length	130.0 mm



Product line drawing with letters



E27
IEC 7004-21

Base



E 27

Base

Colors & materials

Lamp mercury content	12.3 mg
Mercury-free	No

Temperatures

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
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.98
Rated lamp survival factor at 8,000 h	0.96
Rated lamp survival factor at 12,000 h	0.89
Rated lamp survival factor at 16,000 h	0.79
Rated lamp survival factor at 20,000 h	0.67
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E27
Design / version	Coated

Capabilities

Dimmable	No
Burning position	Any

Country specific categorizations

ILCOS	QE/R-50/42/3-H-E27-56/130
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Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300015040	Round wrap 1	60 mm x 60 mm x 140 mm	48.80 g	0.50 dm ³
4050300213798	Shipping carton box 40	302 mm x 296 mm x 356 mm	2438.33 g	31.82 dm ³

Disclaimer

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