Product datasheet

HQL LED 3000 lm 23 W/840 E27

HQL LED | Special LED lamps



Areas of application

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Industry
- Outdoor applications only in suitable luminaires

Product benefits

- Saves up to 70 % energy when used as replacemnet for mercury vapor lamps (HQL)
- Effective thermal management for wide operating temperature range
- Low maintenance costs thanks to long lifetime
- Instant 100 % light, no warm-up time

Product features

- LED alternative for applications requiring a high luminous flux
- Integrated ECG with high power factor
- Type of protection: IP65
- High surge protection: up to 4 kV (L-N)
- Suitable for operation with conventional control gear or line voltage



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Technical data

Electrical data

Rated wattage	23.00 W
Nominal wattage	23.00 W
Nominal voltage	220…240 V
Operating frequency	50…60 Hz
Power factor λ	> 0.90

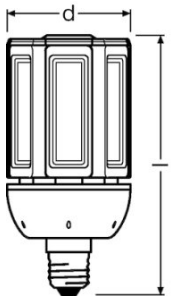
Photometrical data

Nominal luminous flux	3000 lm
Rated luminous flux	3000 lm
Rated color temperature	4000 K
Color rendering index Ra	≥80
Light color (designation)	Cool White
Standard deviation of color matching	≤6 sdcm
Lumen main.fact.at end of nom.life time	0.70

Light technical data

Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & weight



Overall length	152.0 mm
Diameter	75.0 mm
Outer bulb	-
Product weight	415.00 g
Length	152.0 mm

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Temperatures & operating conditions

Ambient temperature range	-20…+60 °C

Lifespan

Nominal lamp life time	50000 h
Rated lamp life time	50000 h
Number of switching cycles	100000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear

Capabilities

Dimmable	No

Certificates & standards

Type of protection	IP65
Energy efficiency class	A++
Energy consumption	23 kWh/1000h

Country specific categorizations

Order reference	HQLLED3000 23W/

Safety advice

Only suitable for operation with line voltage.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075037045	HQL LED 3000 lm 23 W/840 E27	Shipping carton box 6 Pieces Folding carton box	288 mm x 196 mm x 200 mm	11.29 dm^3	3012.00 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.

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Legal advice

When used to replace a traditional lamp the total energy efficiency and light distribution depends on the design of the lighting system.

Disclaimer

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

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