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## PARATHOM HQL LED 4000 lm 36 W/840 E27

PARATHOM HQL LED | Special LED lamps



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### Areas of application

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

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### Product benefits

- Saves up to 70 % energy when used as replacement 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

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### Product features

- LED alternative for applications requiring a high luminous flux
- Integrated ECG with high power factor
- Type of protection: IP60
- High surge protection: up to 4 kV (L-N)



# Product datasheet

## Technical data

### Electrical data

Rated wattage	36.00 W
Nominal wattage	36.00 W
Nominal voltage	220...240 V
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.90

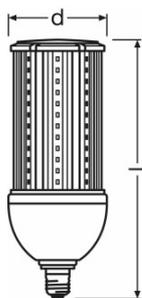
### Photometrical data

Nominal luminous flux	4000 lm
Rated luminous flux	4000 lm
Color temperature	4000 K
Color rendering index Ra	$\geq 80$
Light color (designation)	Cool White
Standard deviation of color matching	$\leq 6$ sdcM

### Light technical data

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

### Dimensions & weight



Overall length	235.0 mm
Diameter	93.0 mm
Outer bulb	-
Product weight	826.00 g
Length	235.0 mm

### Temperatures & operating conditions

## Product datasheet

Ambient temperature range	-20...+60 °C
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### Lifespan

Nominal lamp life time	32000 h
Rated lamp life time	32000 h
Number of switching cycles	50000
Lumen main.fact.at end of nom.life time	0.70
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
Appropriate disposal acc. to WEEE	Yes

### Capabilities

Dimmable	No
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### Certificates & standards

Type of protection	IP60
Energy efficiency class	A+
Energy consumption	36 kWh/1000h

### Country specific categorizations

ILCOS	DRQ-36-220-240-E27-93/235
Order reference	HQLLED4000 36W/

### 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
4052899961586	PARATHOM HQL LED 4000 lm 36 W/840 E27	Shipping carton box 6	405 mm x 265 mm x 290 mm	31.12 dm <sup>3</sup>	6072.00 g

## Product datasheet

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.

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### Disclaimer

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