

PARATHOM HQL LED 2000 lm 18 W/840 E27

PARATHOM 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 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

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)



Technical data

Electrical data

Rated wattage	18.00 W
Nominal wattage	18.00 W
Nominal voltage	220...240 V
Operating frequency	50...60 Hz
Power factor λ	> 0.90

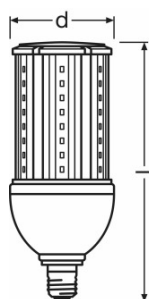
Photometrical data

Nominal luminous flux	2000 lm
Rated luminous flux	2000 lm
Color temperature	4000 K
Color rendering index Ra	≥ 80
Light color (designation)	Cool White
Standard deviation of color matching	≤ 6 sdcn

Light technical data

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

Dimensions & weight



Overall length	166.0 mm
Diameter	70.0 mm
Outer bulb	-
Product weight	365.00 g
Length	166.0 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	18 kWh/1000h

Country specific categorizations

ILCOS	DRQ-18-220-240-E27-70/166
Order reference	HQLLED2000 18W/

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
4052899961555	PARATHOM HQL LED 2000 lm 18 W/840 E27	Shipping carton box 6	278 mm x 190 mm x 218 mm	11.51 dm ³	2712.00 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.

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.