

# Product datasheet

## HQL LED PRO 22 W/840 E27

HQL LED PRO | LED replacement for HID lamps for outdoor application



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

- Saves up to 78 % energy when used as replacement for mercury vapor lamps (HQL) Low maintenance costs thanks to long lifetime Instant 100 % light, no warm-up time



Technical data

Electrical data

Rated wattage	22.00 W
Nominal wattage	22.00 W
Nominal voltage	220...240 V
Operating frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	66
Max. lamp no. on circuit break. 16 A (B)	105
Nominal current	0.12 A
Claimed equiv. conventional lamp power	80 W

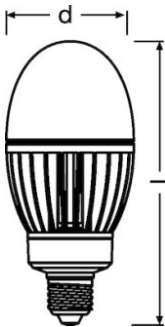
Photometrical data

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 sdcn
Color temperature	4000 K
Luminous flux	3000 lm
Lumen main.fact.at end of nom.life time	0.70

Light technical data

Beam angle	360 °
Starting time	< 0.5 s

Dimensions & weight



Overall length	168.0 mm
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Diameter	76.0 mm
Outer bulb	-
Product weight	380.00 g
Length	168.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+60 °C
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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	frosted
Appropriate disposal acc. to WEEE	Yes
Successor EAN	4058075612419
Predecessor EAN	4058075453906, 4058075124783

Capabilities

Dimmable	No
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Certificates & standards

Energy efficiency class	D
Energy consumption	22 kWh/1000h
Type of protection	IP65

Country specific categorizations

Order reference	HQLLED3000 22W/
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (RECh)	
Date of Declaration	18-04-2022
Primary Article Identifier	4058075453906   4058075612419

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Declaration No. in SCIP database	In work
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Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075612419	HQL LED PRO 22 W/840 E27	Shipping carton box 6 Pieces Folding carton box	335 mm x 230 mm x 215 mm	16.57 dm <sup>3</sup>	2741.00 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.

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