

# Product family datasheet

## 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



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Technical data

		Electrical data					
Product description	Rated wattage	Nominal wattage	Nominal voltage	Operating frequency	Max. lamp no. on circuit break. 10 A (B)	Claimed equiv. conventional lamp power	Nominal current
HQL LED PRO 2200 W/840 E27 <sup>1)</sup>	22.00 W	22.00 W	220...240 V	50/60 Hz	66	80 W	0.12 A
HQL LED PRO 2900 W/840 E27 <sup>1)</sup>				50/60 Hz		80 W	135 mA
		Photometrical data					
Product description	Max. lamp no. on circuit break. 16 A (B)	Nominal luminous flux	Rated luminous flux	Rated color temperature	Color rendering index Ra	Light color (designation)	Standard deviation of color matching
HQL LED PRO 2200 W/840 E27 <sup>1)</sup>	105	3000 lm	3000 lm	4000 K	≥80	Cool White	≤6 sdc <sub>m</sub>
HQL LED PRO 2900 W/840 E27 <sup>1)</sup>						Cool White	
			Light technical data		Dimensions & weight		
Product description	Lumen main.fact.at end of nom.life time	Color temperature	Starting time	Beam angle	Overall length	Diameter	Outer bulb
HQL LED PRO 2200 W/840 E27 <sup>1)</sup>	0.70	4000 K	< 0.5 s	360 °	168.0 mm	76.0 mm	-
HQL LED PRO 2900 W/840 E27 <sup>1)</sup>				360 °	172.00 mm		
			Temperatures & operating conditions	Lifespan			
Product description	Length	Product weight	Ambient temperature range	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Lumen maintenance at end of service life
HQL LED PRO 2200 W/840 E27 <sup>1)</sup>	168.0 mm	380.00 g	-20...+60 °C	50000 h	50000 h	100000	0.70
HQL LED PRO 2900 W/840 E27 <sup>1)</sup>		380.00 g	-20...+60 °C				0.7

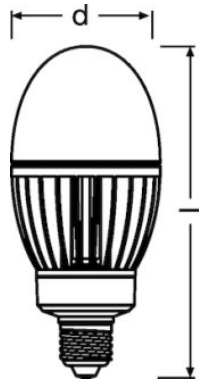
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Product description	Additional product data				Capabilities	Certificates & standards	
	Base (standard designation)	Mercury-free	Predecessor EAN	Successor EAN	Dimmable	Energy efficiency class	Type of protection
HQL LED PRO 2200 W/840 E27 <sup>1)</sup>	E27	Yes	4058075453906, 4058075124783	4058075612419	No	D	IP65
HQL LED PRO 2900 W/840 E27 <sup>1)</sup>						D	

Product description	Energy consumption	Country specific categorizations	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
		Order reference	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
HQL LED PRO 2200 W/840 E27 <sup>1)</sup>	22 kWh/1000h	HQLLED3000 22W/	18-04-2022	4058075453906   4058075612419	In work
HQL LED PRO 2900 W/840 E27 <sup>1)</sup>	29.00 kWh/1000h		18-04-2022	4058075612457	In work

<sup>1)</sup> All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

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HQL LED PRO 2200 W/840 E27



HQL LED PRO 2900 W/840 E27

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### Application advice

For more detailed application information and graphics please see product datasheet.

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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 2200 W/840 E27	Shipping carton box 6	335 mm x 230 mm x 215 mm	16.57 dm <sup>3</sup>	2741.00 g
4058075612457	HQL LED PRO 2900 W/840 E27	Shipping carton box 6	335 mm x 230 mm x 245 mm	18.88 dm <sup>3</sup>	3036.00 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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