



LEDr PARATHOM® HQL LED

LP LL EM | March 2016 | TP



PARATHOM® HQL LED

Product Portfolio Overview

PRELIMINARY

Robust, high lumen LED lamp for HQL replacement.

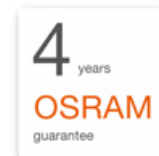
2000-6000 lm
4000K in CRI80
Light output 360° x 280°

Samples May 2016
Launch July 2016

E27
198 - 264 VAC
50/60 Hz
Power factor > 0.9
4 kV surge protection
IP60 driver housing (potted)

Aluminum heat-sink
-20 to +50°C ambient temperature
IP60 LED module

30,000 hrs life time*



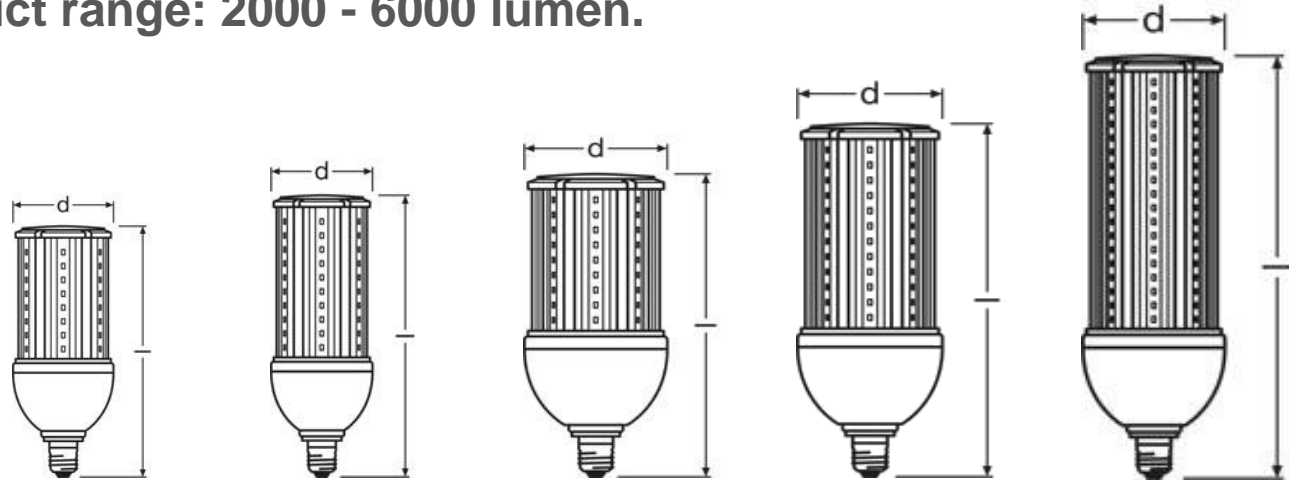
(VDE planned to be available 2 months after launch)

PARATHOM® HQL LED

Product Portfolio Overview

PRELIMINARY

Complete product range: 2000 - 6000 lumen.



	PARATHOM HQL LED 2000lm 840	PARATHOM HQL LED 2500lm 840	PARATHOM HQL LED 3000lm 840	PARATHOM HQL LED 4000lm 840	PARATHOM HQL LED 6000lm 840
Lumen	2000 lm	2500 lm	3000 lm	4000 lm	6000 lm
Wattage	18 W	24 W	27 W	36 W	54 W
Diameter	70 mm		93 mm		
Length	166 mm	186 mm	205 mm	235 mm	265 mm
Weight	~350 g	~400 g	~750 g	~800 g	~950 g

PARATHOM® HQL LED

HQL replacement

PRELIMINARY

HQL LED in HQL systems.

Using HQL LED in full HQL system:

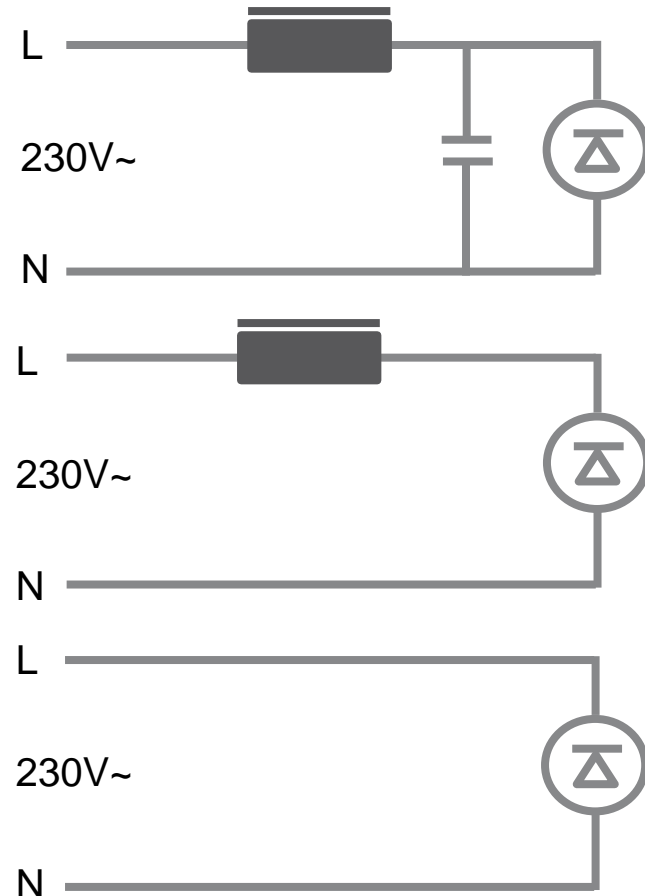
- Higher overall power consumption
- Extremely high reactive power, due to mismatch of capacitor rating, $PF < 0,5!$
- Potential long-term damage to choke, caused by current deviation

Removed capacitor:

- Higher overall power consumption
- Potential long-term damage to choke, caused by current deviation

Removed capacitor and choke:

- + Best possible energy savings
- + Best possible system service life

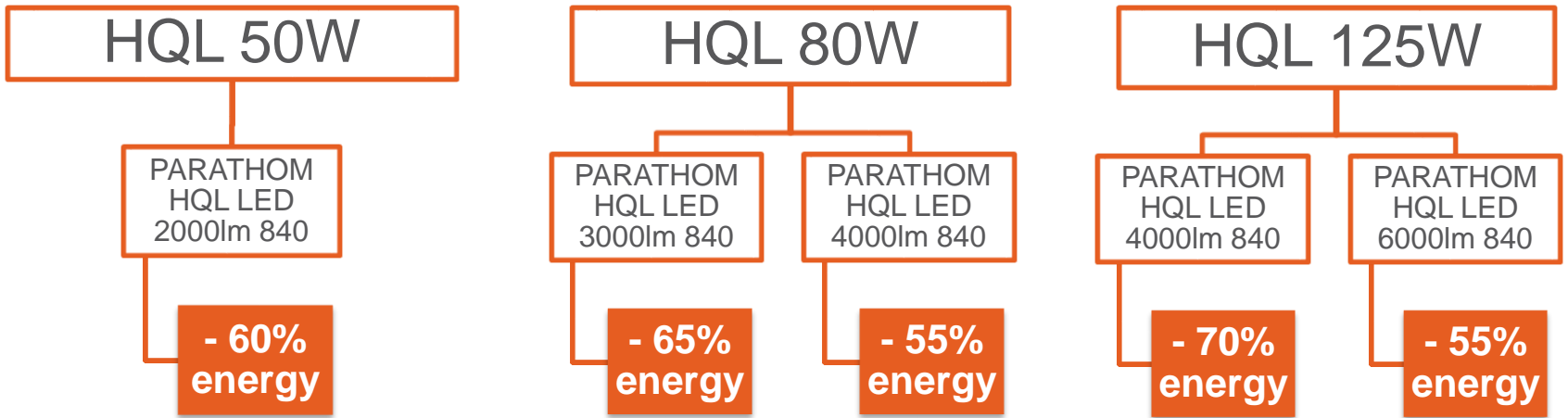


PARATHOM® HQL LED

HQL replacement

PRELIMINARY

Very high energy savings compared with HQL, up to -70%.



	PARATHOM HQL LED 2000lm 840	PARATHOM HQL LED 2500lm 840	PARATHOM HQL LED 3000lm 840	PARATHOM HQL LED 4000lm 840	PARATHOM HQL LED 6000lm 840
HQL 50W 2000 lm					
HQL 80W 3800 lm					
HQL 125W 6000 lm					

■ 1:1 initial HQL flux package

■ Similar lumen flux package as HQL at end of life.

PARATHOM® HQL LED

Ordering information

PRELIMINARY

All lamps will come in shipping units of 6 pcs.

Type	EAN10	Shipping unit
PARATHOM HQL LED 2000lm 840 E27	4052899961555	6 pcs
PARATHOM HQL LED 2500lm 840 E27	4052899961562	6 pcs
PARATHOM HQL LED 3000lm 840 E27	4052899961579	6 pcs
PARATHOM HQL LED 4000lm 840 E27	4052899961586	6 pcs
PARATHOM HQL LED 6000lm 840 E27	4052899961593	6 pcs