# **PHILIPS** Lighting





# MASTER UltraEfficient LED candles and lusters

# MAS LEDLusterND2.3-40W E27 840 P45CL GUE

This is the most efficient LED candle from Philips brand. 210lm/W helps to concrete the company statement of sustainability. 50000 hour lifetime helps to extend the replacement cycle to reduce the waste. This is not only the high SPEC product, but also keep the light quality of Philips brand

#### Product data

General Information		
Cap-Base	E27 [E27]	
Nominal lifetime	50,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Sphere	
EU RoHS compliant	Yes	
Light Technical		
Color Code	840 [CCT of 4000K]	
Luminous Flux	485 lumen	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	210 lm/W	
Color Consistency	<6	
Color rendering index (CRI)	80	
LLMF At End Of Nominal Lifetime (Nom)	70 %	
Flickering value (PstLM)	1	

Stroboscopic effect value (SVM)	0.4
Photobiological safety according to EN	RG1
62471	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	2.3 W
Lamp Current (Nom)	25 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Voltage (Nom)	220 V
Temperature	
Ambient temperature range	-20 to +45 °C

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T-Case Maximum (Nom)	70 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Material	Glass	
Bulb Shape	P45 [P 45mm]	
Approval and Application		
Energy Efficiency Class	A	
Energy Consumption kWh/1000 h	3 kWh	
EPREL Registration Number	1442637	
Photobiological risk	Photobiological risk group 1 @ 200mm to	
	EN62471	

EyeComfort	Yes	
Product Data		
Full product code	872016918905800	
Order product name	MAS LEDLusterND2.3-40W E27 840	
	P45CL GUE	
Order code	929003626502	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	10	
Material Nr. (12NC)	929003626502	
Full product name	MAS LEDLusterND2.3-40W E27 840	
	P45CL GUE	
EAN/UPC - Case	8720169189065	
EAN/UPC - Product/Case	8720169189058	

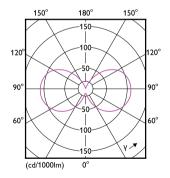
### Dimensional drawing

Product	D	с
MAS LEDLusterND2.3-40W E27 840 P45CL GUE	45 mm	78 mm

#### Photometric data

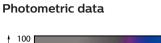
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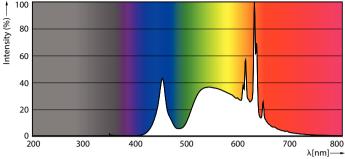
General uniform lighting - MAS LEDLusterND2.3-40W E27 840 P45CL GUE



Light Distribution Diagram - MAS LEDLusterND2.3-40W E27 840 P45CL GUE

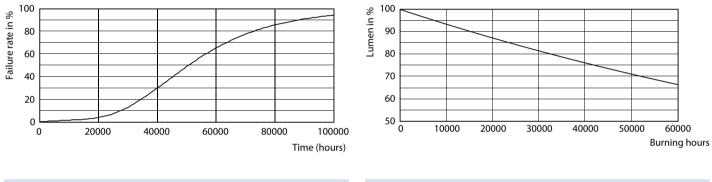
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Spectral Power Distribution Colour - MAS LEDLusterND2.3-40W E27 840 P45CL GUE

#### Lifetime



Life Expectancy Diagram - MAS LEDLusterND2.3-40W E27 840 P45CL GUE

Lumen Maintenance Diagram - MAS LEDLusterND2.3-40W E27 840 P45CL GUE



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