



MASTER UltraEfficient LED candles and lusters

MAS LEDLusterND2.3-40W E27 827 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
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	827 [CCT of 2700K]
Luminous Flux	485 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

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
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No

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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	P45
Net Weight (Piece)	0.014 kg

Approval and Application

Energy Efficiency Class	A
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1442634
CE mark	Yes
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

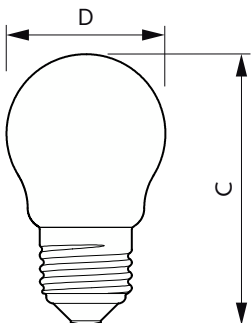
Application Conditions

can it be used in closed luminaires	No
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Product Data

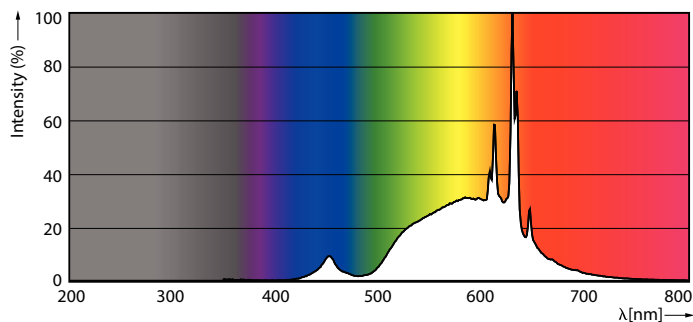
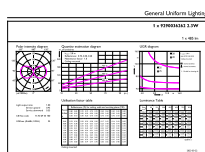
Order product name	MAS LEDLusterND2.3-40W E27 827 P45CL GUE
Full product name	MAS LEDLusterND2.3-40W E27 827 P45CL GUE
Full product code	872016918899000
Order code	929003626202
Material Nr. (12NC)	929003626202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169188990
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169189003

Dimensional drawing



Product	D	C
MAS LEDLusterND2.3-40W E27 827 P45CL GUE	45 mm	78 mm

Photometric data

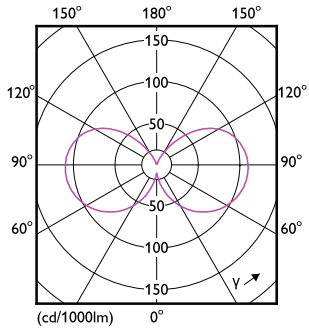


General uniform lighting - MAS LEDLusterND2.3-40W E27 827 P45CL GUE

Spectral Power Distribution Colour - MAS LEDLusterND2.3-40W E27 827 P45CL GUE

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Photometric data



Light Distribution Diagram - MAS LEDLusterND2.3-40W E27 827 P45CL GUE

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDLusterND2.3-40W E27 827 P45CL GUE

