



# MASTER UltraEfficient LED bulb

## MAS LEDBulbND4-60W E27 830 A60 CL G UE

MASTER, LED, A60, 60 W, E27, 3000 K, 840 lm, CRI 80, 50000 hour(s), Glass

This is the most efficient LED bulb 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

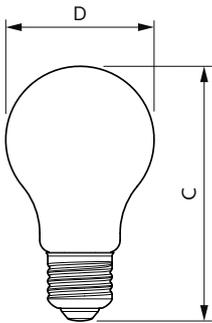
General Information		Operating and Electrical	
Cap-Base	E27	Luminous Efficacy (rated) (Nom)	210 lm/W
Nominal lifetime	50,000 hour(s)	Color Consistency	<6
Switching Cycle	500,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
Flux measurement reference	Sphere	Photobiological safety according to EN 62471	RG1
Warranty period	5 years		
Light Technical		Line Frequency	50 to 60 Hz
Color Code	830 [CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	300 degree(s)	Power Consumption	4 W
Luminous Flux	840 lm	Lamp Current (Nom)	43 mA
Color Designation	White (WH)	Wattage Equivalent	60 W
Correlated Color Temperature (Nom)	3000 K	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
<b>Temperature</b>	
T-Case Maximum (Nom)	70 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	A60
Net Weight (Piece)	0.035 kg
<b>Approval and Application</b>	
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	1543855
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	UltraEfficient

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
<b>Application Conditions</b>	
can it be used in closed luminaires	No
<b>Product Data</b>	
Order product name	MAS LEDBulbND4-60W E27 830 A60 CL G UE
Full product name	MAS LEDBulbND4-60W E27 830 A60 CL G UE
Full product code	872016925412100
Order code	929003702902
Material Nr. (12NC)	929003702902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169254121
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169254138

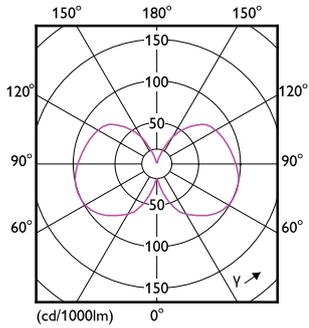
## Dimensional drawing



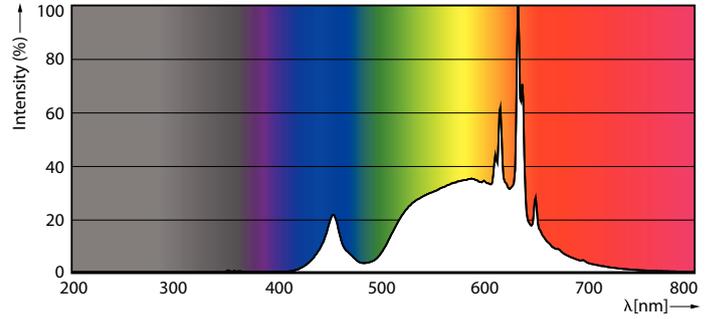
Product	D	C
MAS LEDBulbND4-60W E27 830 A60 CL G UE	60 mm	104 mm

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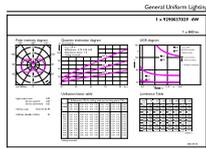
## Photometric data



Light Distribution Diagram - MAS LEDBulbND4-60W E27 830 A60 CL G UE



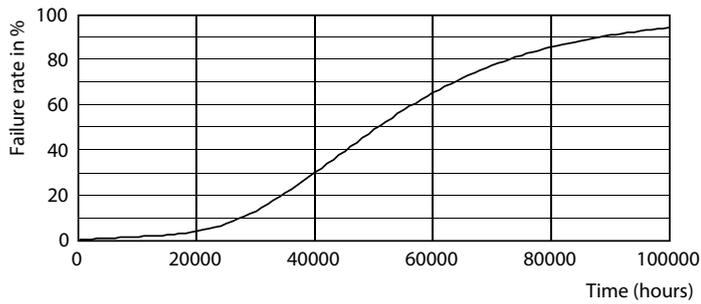
Spectral Power Distribution Colour - MAS LEDBulbND4-60W E27 830 A60 CL G UE



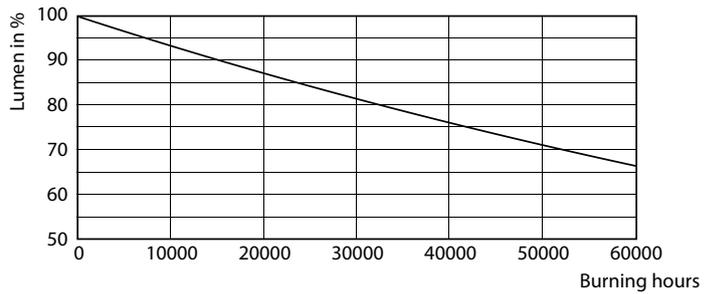
General uniform lighting - MAS LEDBulbND4-60W E27 830 A60 CL G UE

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## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbND4-60W E27 830 A60 CL G UE

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