



MASTER Ultra Efficient LED bulb

MAS LEDBulbND4-60W E27 830 A60 FR G UE

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 a high SPEC product, but also keeps the light quality of Philips brand

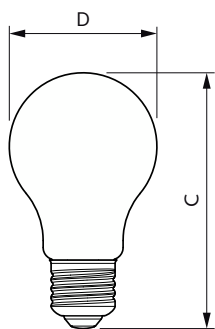
Product data

General Information		Operating and Electrical	
Cap base	E27	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 h	Input frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	4 W
Lighting Technology	LED	Lamp current (nom.)	43 mA
Flux measurement reference	Sphere	Wattage equivalent	60 W
Light Technical		Starting time (nom.)	0.5 s
Colour Code	830 [CCT of 3000K]	Warm-up time to 60% light	0.5 s
Beam angle (nom.)	300 degree(s)	Power Factor (Fraction)	0.4
Luminous Flux	840 lm	Voltage (nom.)	220-240 V
Colour designation	White (WH)	Temperature	
Correlated Colour Temperature (Nom)	3000 K	T-Case maximum (nom.)	70 °C
Luminous efficacy (rated) (nom.)	210 lm/W	Controls and Dimming	
Colour consistency	<6	Dimmable	No
Colour rendering index (CRI)	80	Mechanical and Housing	
LLMF at end of nominal lifetime (nom.)	70 %	Lamp Finish	Frosted
Photobiological safety according to EN 62471	RG1	Bulb material	Glass

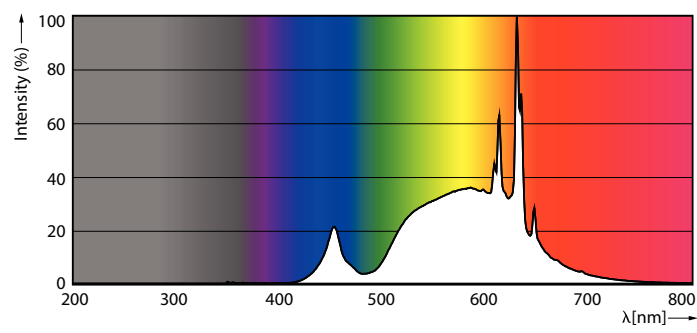
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Bulb shape	A60
Net Weight (Piece)	0.035 kg
Approval and Application	
Energy Efficiency Class	A
Energy consumption kWh/1,000 hours	4 kWh
EPREL Registration Number	1543857
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C
Application Conditions	
Can it be used in closed luminaires	No

Dimensional drawing



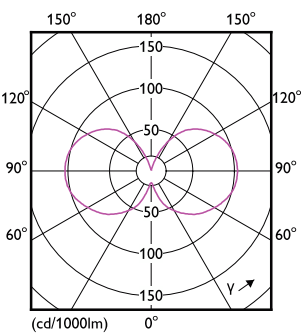
Photometric data



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

Product Data	
Order product name	MAS LEDBulbND4-60W E27 830 A60 FR G UE
Full product name	MAS LEDBulbND4-60W E27 830 A60 FR G UE
Full EOC	872016925416900
Order code	25416900
Material no. (12 NC)	929003703102
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169254169
Numerator – packs per outer box	10
EAN/UPC - Case	8720169254176

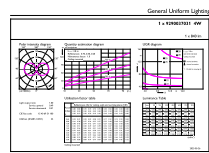
Product	D	C
MAS LEDBulbND4-60W E27 830 A60 FR G UE	60 mm	104 mm



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

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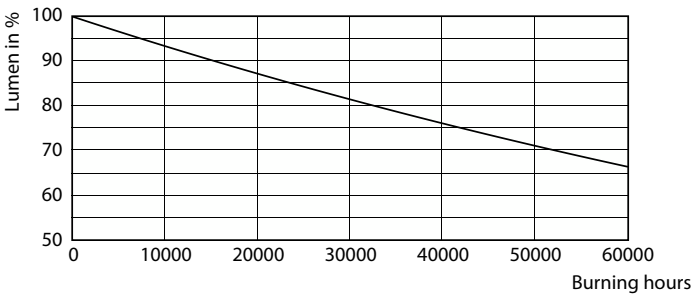
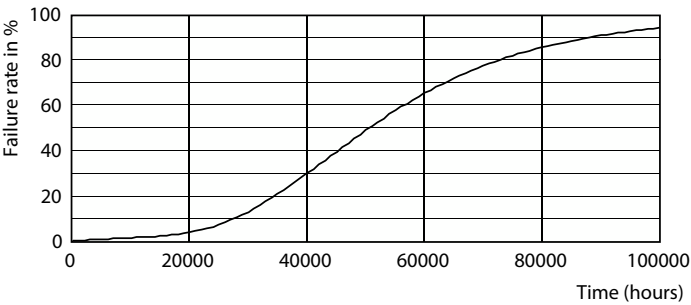
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General uniform lighting - MAS LEDBulbND4-60W E27 830 A60 FR G UE

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Lifetime



Life Expectancy Diagram

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

