



MASTER Ultra Efficient LED bulb

MAS LEDBulbND4-60W E27 827 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	
Cap base	E27 [E27]
Nominal lifetime	50,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes
Light Technical	
Colour Code	827 [CCT of 2700K]
Luminous Flux	840 lm
Colour designation	Warm White (WW)
Correlated Colour Temperature	2700 K
Luminous efficacy (rated) (nom.)	210 lm/W
Colour consistency	<6
Colour rendering index (CRI)	80
LLMF at end of nominal lifetime (nom.)	70 %
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	4 W
Lamp current (nom.)	43 mA
Wattage equivalent	60 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
T-Case maximum (nom.)	70 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Bulb shape	A60 [A 60 mm]

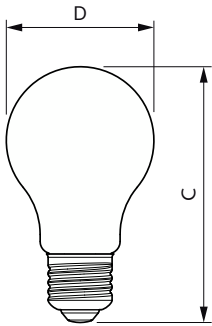
Approval and Application

Energy Efficiency Class	A
Energy consumption kWh/1,000 hours	4 kWh
EPREL registration number	1442611
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EyeComfort	Yes

Product Data

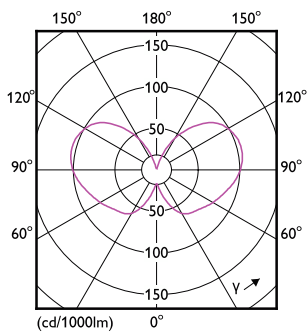
Order product name	MAS LEDBulbND4-60W E27 827 A60 FR G UE
Full product name	MAS LEDBulbND4-60W E27 827 A60 FR G UE
Full EOC	872016918849500
Order code	18849500
Material no. (12 NC)	929003623702
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169188495
Numerator – packs per outer box	10
EAN/UPC – Case	8720169188501

Dimensional drawing

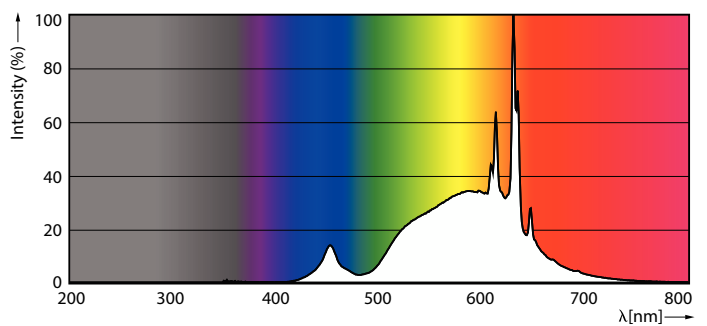


Product	D	C
MAS LEDBulbND4-60W E27 827 A60 FR G UE	60 mm	104 mm

Photometric data



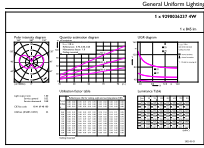
Light Distribution Diagram - MAS LEDBulbND4-60W E27 827 A60 FR G UE



Spectral Power Distribution Colour - MAS LEDBulbND4-60W E27 827 A60 FR G UE

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Photometric data



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General uniform lighting - MAS LEDBulbND4-60W E27 827 A60 FR G UE

Lifetime



Life Expectancy Diagram - MAS LEDBulbND4-60W E27 827 A60 FR G UE



Lumen Maintenance Diagram - MAS LEDBulbND4-60W E27 827 A60 FR G UE

