



MASTER Ultra Efficient LED bulb

MAS LEDBulb D 4-60W E27 827 A60 FR G UE

LEDbulb, A60, 60 W, E27, 2700 K, 840 lm, CRI 80, 50000 h, 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 a high SPEC product, but also keeps the light quality of Philips brand

Product data

General Information	
Cap base	E27
Nominal lifetime	50,000 h
Switching Cycle	500,000
Lighting Technology	LEDbulb
Flux measurement reference	Sphere
Warranty period	5 years

Light Technical	
Colour Code	827 [CCT of 2700K]
Beam angle (nom.)	300 degree(s)
Luminous Flux	840 lm
Colour designation	Warm White (WW)
Correlated Colour Temperature (Nom)	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 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Input frequency	50 to 60 Hz
Power Consumption	4 W
Lamp current (nom.)	20 mA
Wattage equivalent	60 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V

Temperature	
T-Case maximum (nom.)	70 °C

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Controls and Dimming

Dimmable	Only with specific dimmers
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Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Bulb shape	A60
Net Weight (Piece)	0.037 kg

Approval and Application

Energy Efficiency Class	A
Energy consumption kWh/1,000 hours	4 kWh
EPREL Registration Number	1882026
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
LED innovations	UltraEfficient
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Ambient temperature range	-20 to +45 °C
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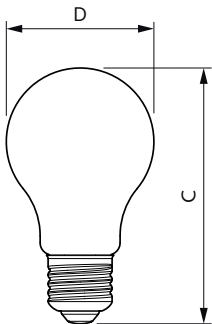
Application Conditions

Can it be used in closed luminaires	No
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Product Data

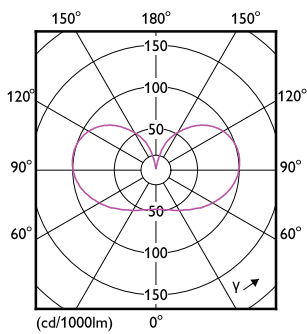
Order product name	MAS LEDBulb D 4-60W E27 827 A60 FR G UE
Full product name	MAS LEDBulb D 4-60W E27 827 A60 FR G UE
Full EOC	872016931055100
Order code	929003800202
Material no. (12 NC)	929003800202
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169310551
Numerator – packs per outer box	10
EAN/UPC - Case	8720169310568

Dimensional drawing

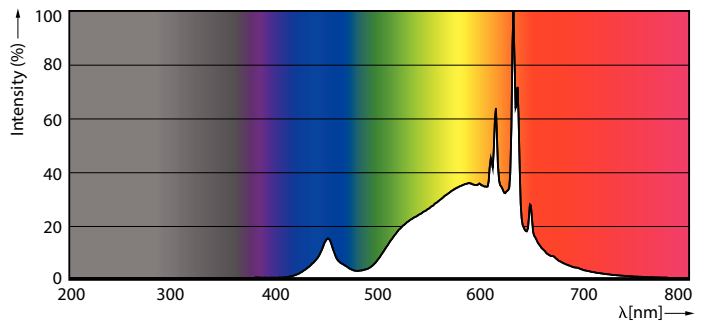


Product	D	C
MAS LEDBulb D 4-60W E27 827 A60 FR G UE	60 mm	108 mm

Photometric data



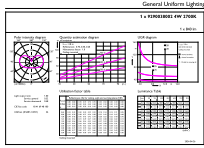
Light Distribution Diagram - MAS LEDBulb D 4-60W E27 827 A60 FR G UE



Spectral Power Distribution Colour - MAS LEDBulb D 4-60W E27 827 A60 FR G UE

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Photometric data



General uniform lighting - MAS LEDBulb D 4-60W E27 827 A60 FR G UE

General uniform lighting - MAS LEDBulb D 4-60W E27 827 A60 FR G UE

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulb D 4-60W E27 827 A60 FR G UE

