





MASTER UltraEfficient 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 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	500,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	5 years
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	840 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
Priotobiological safety according to EN 02471	NGI
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
Temperature	
T-Case Maximum (Nom)	70 °C

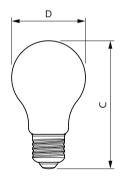
Datasheet, 2025, September 27 data subject to change

MASTER UltraEfficient LED bulb

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	A60
Net Weight (Piece)	0.036 kg
Approval and Application	
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	1442611
CE mark	Yes
Photobiological risk	Photobiological risk group 1 @ 200mm
	to EN62471
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	UltraEfficient
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	

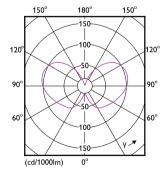
Stroboscopic effect visibility measure (SVM)	0.4	
Ambient temperature range	-20 to +45 °C	
Application Conditions		
can it be used in closed luminaires	No	
Product Data		
Order product name	MAS LEDBulbND4-60W E27 827 A60	
	FR G UE	
Full product name	MAS LEDBulbND4-60W E27 827 A60	
	FR G UE	
Full product code	872016918849500	
Order code	929003623702	
Material Nr. (12NC)	929003623702	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8720169188495	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8720169188501	

Dimensional drawing

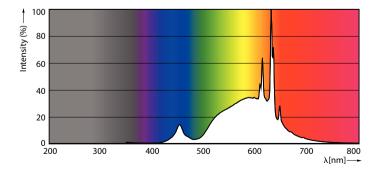


Product	D	С
MAS LEDBulbND4-60W E27 827 A60 FR G UE	60 mm	104 mm

Photometric data



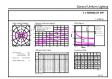
Light Distribution Diagram - MAS LEDBulbND4-60W E27 827 A60 FR G UE



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

MASTER UltraEfficient LED bulb

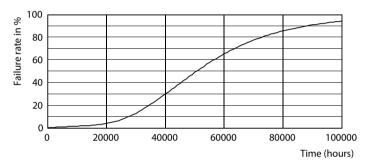
Photometric data

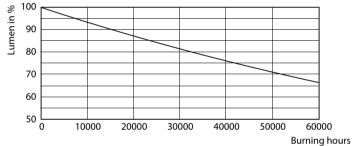


Calculus Presumentor 45 Philips Lighting B.V. Pages 19

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

Lifetime





Life Expectancy Diagram

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



© 2025 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.