





# MASTER UltraEfficient LED bulb

# MAS LEDBulb D 4-60W 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 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	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	840 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 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				
Operating and Electrical				
Line Frequency	50 to 60 Hz			
Input Frequency	50 to 60 Hz			
Power Consumption	4 W			
Lamp Current (Nom)	23 mA			
Wattage Equivalent	60 W			
Starting Time (Nom)	0.5 s			
Warm-up time to 60% light	0.5 s			
Power Factor (Fraction)	0.85			
Voltage (Nom)	220-240 V			
Temperature				
T-Case Maximum (Nom)	70 °C			

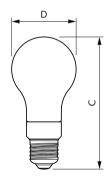
Datasheet, 2025, March 20 data subject to change

# **MASTER UltraEfficient LED bulb**

Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	A60
Net Weight (Piece)	0.045 kg
Approval and Application	
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	1618548
EU RoHS compliant	Yes
EyeComfort	Yes
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

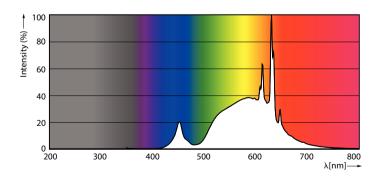
Application Conditions		
can it be used in closed luminaires	No	
Product Data		
Order product name	MAS LEDBulb D 4-60W E27 830 A60 F	
	G UE	
Full product name	MAS LEDBulb D 4-60W E27 830 A60 F	
	G UE	
Full product code	872016924870000	
Order code	929003691802	
Material Nr. (12NC)	929003691802	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8720169248700	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8720169248717	

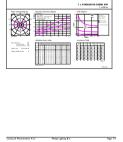
## Dimensional drawing



Product	D	С
MAS LEDBulb D 4-60W E27 830 A60 FR G UE	60 mm	123 mm

### Photometric data



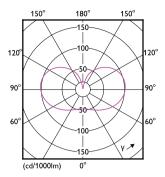


Spectral Power Distribution Colour - MAS LEDBulb D 4-60W E27 830 A60 FR G UE

General uniform lighting - MAS LEDBulb D 4-60W E27 830 A60 FR G UE

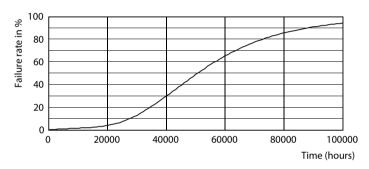
# **MASTER UltraEfficient LED bulb**

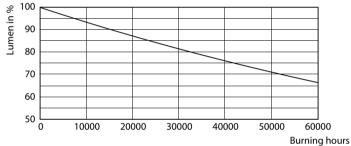
### Photometric data



Light Distribution Diagram - MAS LEDBulb D 4-60W E27 830 A60 FR G UE

### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LEDBulb D 4-60W E27 830 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.