



# MASTER Ultra Efficient LED bulb

## MAS LEDBulbND4-60W E27 830 A60 CL 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	830 [CCT of 3000K]
Luminous Flux	840 lm
Colour designation	White (WH)
Correlated Colour Temperature	3000 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

## Mechanical and Housing

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

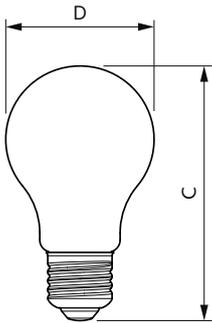
## Approval and Application

Energy Efficiency Class A  
 Energy consumption kWh/1,000 hours 4 kWh  
 EPREL registration number 1543855  
 EyeComfort Yes

## Product Data

Order product name MAS LEDBulbND4-60W E27 830 A60 CL G UE  
 Full product name MAS LEDBulbND4-60W E27 830 A60 CL G UE  
 Full EOC 872016925412100  
 Order code 25412100  
 Material no. (12 NC) 929003702902  
 SAP numerator – quantity per pack 1  
 EAN/UPC – Product/Case 8720169254121  
 Numerator – packs per outer box 10  
 EAN/UPC - Case 8720169254138

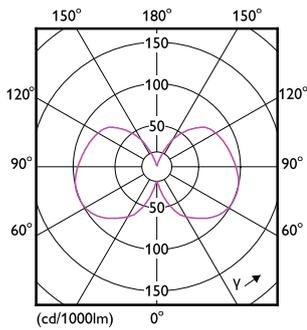
## Dimensional drawing



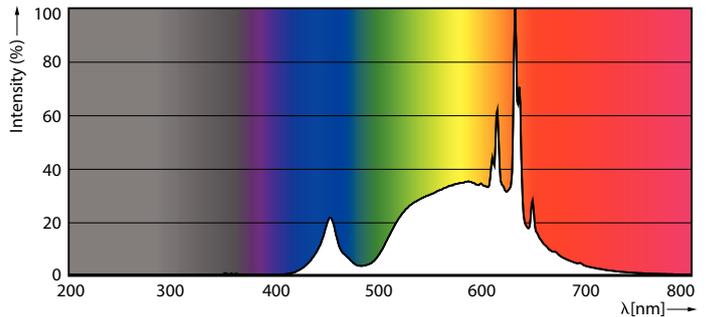
## Product

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## Photometric data



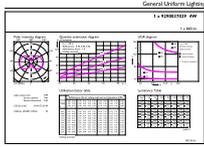
Light Distribution Diagram - MAS LEDBulbND4-60W E27 830 A60 CL G UE



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

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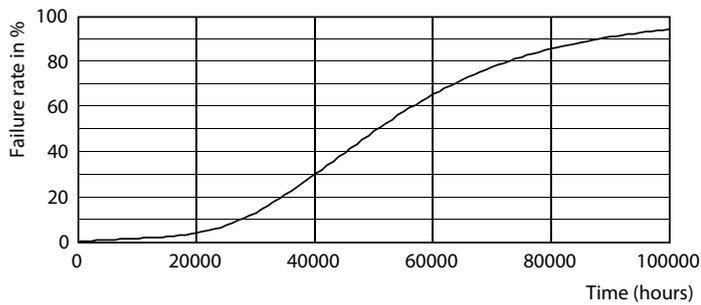
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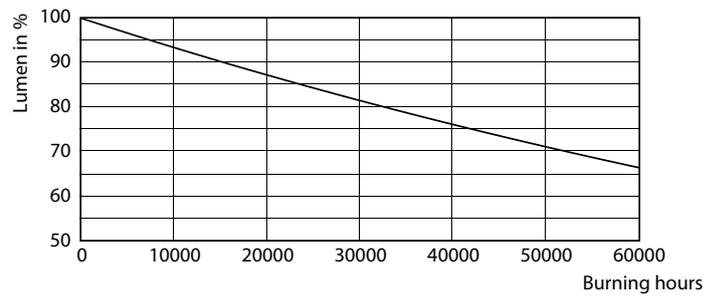
General Parameters 43  
Photometry 44  
Page 10

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

## Lifetime



Life Expectancy Diagram - MAS LEDBulbND4-60W E27 830 A60 CL G UE



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

