



# MASTER UltraEfficient LED bulb

## MAS LEDBulbND4-60W E27 840 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 [E27]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	840 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM)	1

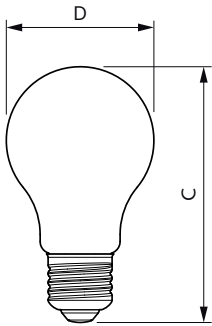
Stroboscopic effect value (SVM)	0.4
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4 W
Lamp Current (Nom)	43 mA
Wattage Equivalent	60 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Voltage (Nom)	220 V
Temperature	
Ambient temperature range	-20 to +45 °C

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T-Case Maximum (Nom)	70 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	A60 [A 60mm]
<b>Approval and Application</b>	
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	1442615
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471

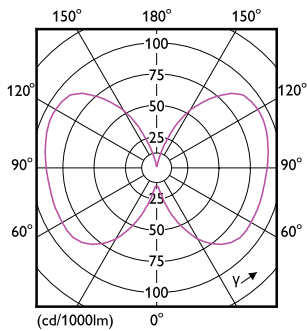
EyeComfort	Yes
<b>Product Data</b>	
Full product code	872016928428900
Order product name	MAS LEDBulbND4-60W E27 840 A60 FR G UE
Order code	929003624102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929003624102
Full product name	MAS LEDBulbND4-60W E27 840 A60 FR G UE
EAN/UPC - Case	8720169188587
EAN/UPC - Product/Case	8720169284289

## Dimensional drawing

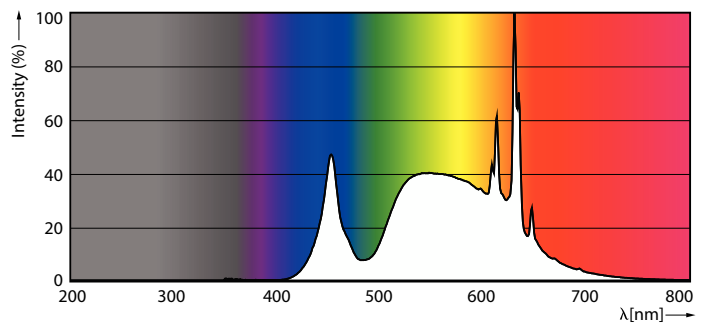


Product	D	C
MAS LEDBulbND4-60W E27 840 A60 FR G UE	60 mm	104 mm

## Photometric data



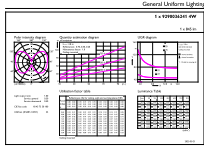
Light Distribution Diagram - MAS LEDBulbND4-60W E27 840 A60 FR G UE



Spectral Power Distribution Colour - MAS LEDBulbND4-60W E27 840 A60 FR G UE

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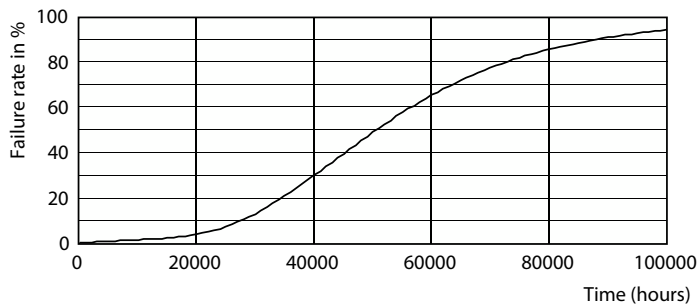
## Photometric data



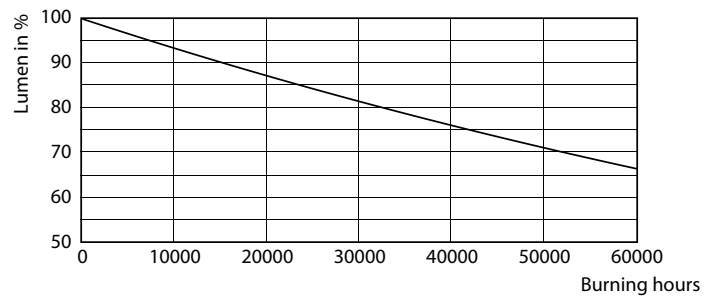
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### General uniform lighting - MAS LEDBulbND4-60W E27 840 A60 FR G UE

## Lifetime



### Life Expectancy Diagram - MAS LEDBulbND4-60W E27 840 A60 FR G UE



### Lumen Maintenance Diagram - MAS LEDBulbND4-60W E27 840 A60 FR G UE

