



# 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
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	840 lm
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) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (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)	45 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

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## Temperature

T-Case Maximum (Nom)	70 °C
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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	A60

## Approval and Application

Energy Efficiency Class	A
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	1370039
EyeComfort	Yes

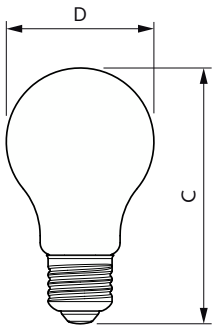
## Application Conditions

can it be used in closed luminaires	No
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## Product Data

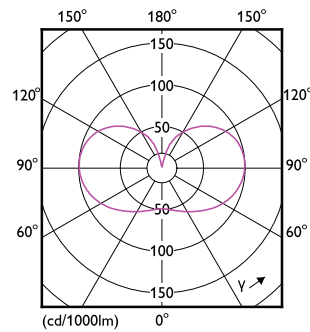
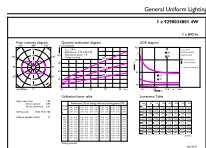
Order product name	MAS LEDBulbND4-60W E27 840 A60 FR G UE
Full product name	MAS LEDBulbND4-60W E27 840 A60 FR G UE
Full product code	871951443581000
Order code	929003480102
Material Nr. (12NC)	929003480102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514435810
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514435827

## Dimensional drawing



Product	D	C
MAS LEDBulbND4-60W E27 840 A60 FR G UE	60 mm	105 mm

## Photometric data

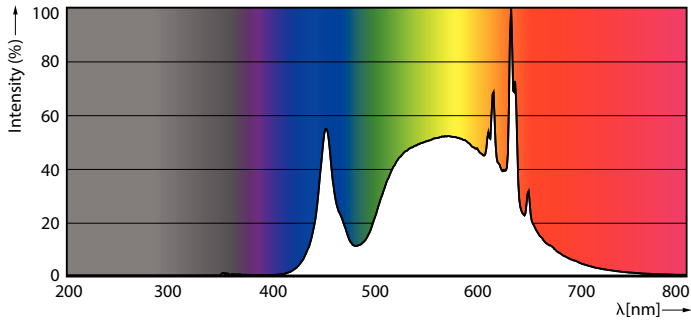


General uniform lighting - MAS LEDBulbND4-60W E27 840 A60 FR G UE

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

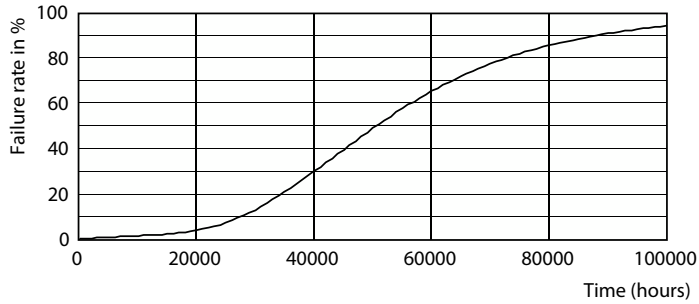
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## Photometric data

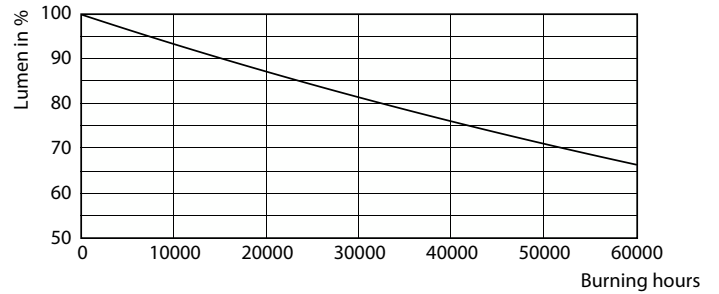


Spectral Power Distribution Colour - MAS LEDBulbND4-60W E27 840 A60 FR G UE

## 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

