



# MASTER UltraEfficient LED bulb

## MAS LEDBulbND4-60W 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)	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

# MASTER UltraEfficient LED bulb

## Controls and Dimming

Dimmable	No
----------	----

## Mechanical and Housing

Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	A60
Net Weight (Piece)	0.035 kg

## Approval and Application

Energy Efficiency Class	A
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	1543857
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C

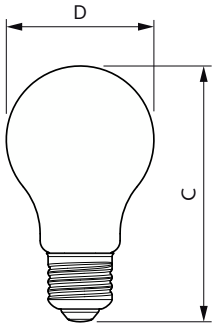
## Application Conditions

can it be used in closed luminaires	No
-------------------------------------	----

## Product Data

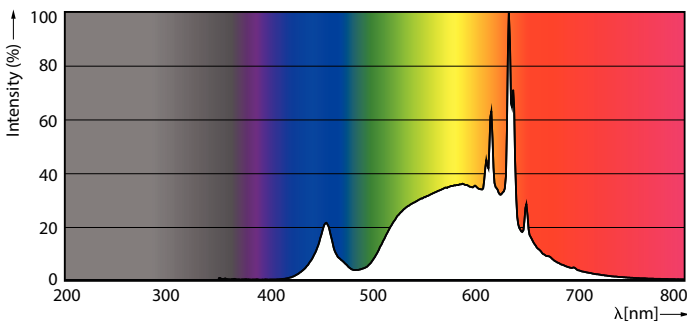
Order product name	MAS LEDBulbND4-60W E27 830 A60 FR G UE
Full product name	MAS LEDBulbND4-60W E27 830 A60 FR G UE
Full product code	872016925416900
Order code	929003703102
Material Nr. (12NC)	929003703102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169254169
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169254176

## Dimensional drawing

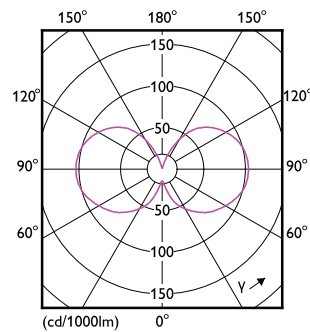


Product	D	C
MAS LEDBulbND4-60W E27 830 A60 FR G UE	60 mm	104 mm

## Photometric data



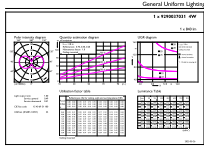
Spectral Power Distribution Colour - MAS LEDBulbND4-60W E27 830 A60 FR G UE



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

# MASTER UltraEfficient LED bulb

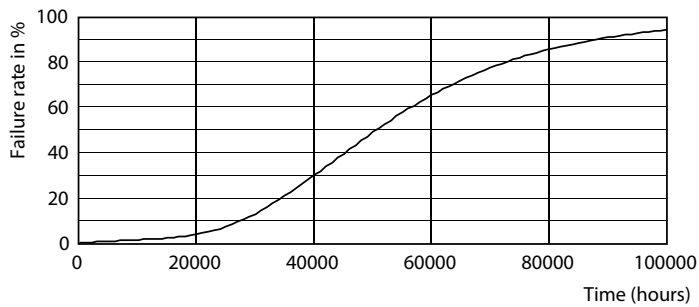
## Photometric data



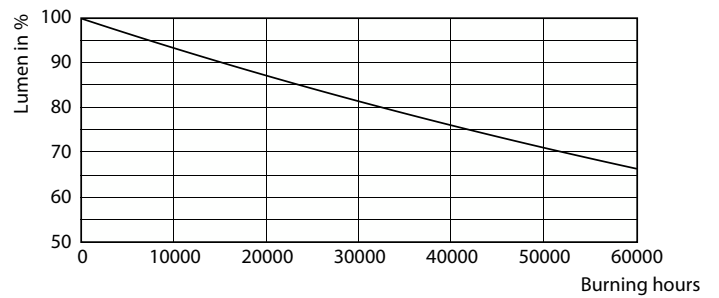
General Parameters 43  
Photometry 44  
Page 10

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

## Lifetime



Life Expectancy Diagram



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

