



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
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	300 degree(s)
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 %

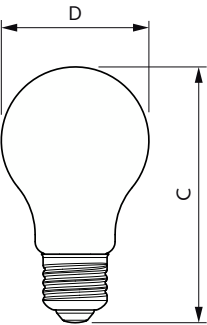
Photobiological safety according to EN 62471		RG1
Operating and Electrical		
Line Frequency	50 to 60 Hz	
Input Frequency	50 to 60 Hz	
Power Consumption	4 W	
Lamp Current (Nom)	43 mA	
Wattage Equivalent	60 W	
Starting Time (Nom)	0.5 s	
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.4	
Voltage (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)	0.030 kg
Approval and Application	
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	1442615
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
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

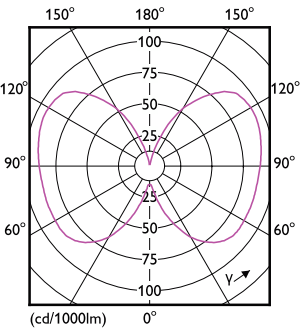
Ambient temperature range	-20 to +45 °C
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	MAS LEDBulbND4-60W E27 840 A60 FR G UE
Full product name	MAS LEDBulbND4-60W E27 840 A60 FR G UE
Full product code	872016928428900
Order code	929003624102
Material Nr. (12NC)	929003624102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169284289
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169188587

Dimensional drawing

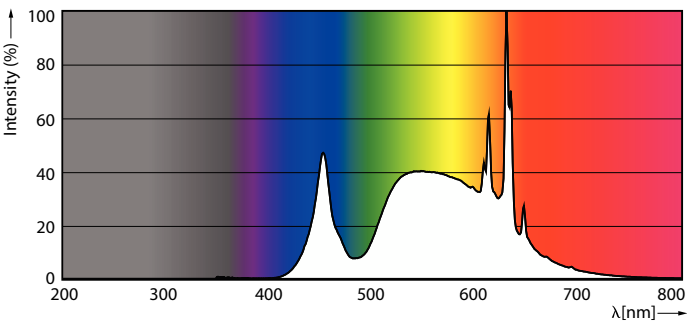


Product	D	C
MAS LEDBulbND4-60W E27 840 A60 FR G UE	60 mm	104 mm

Photometric data



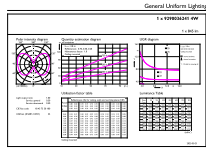
Light Distribution Diagram - MAS LEDBulbND4-60W E27 840 A60 FR G UE



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

MASTER UltraEfficient LED bulb

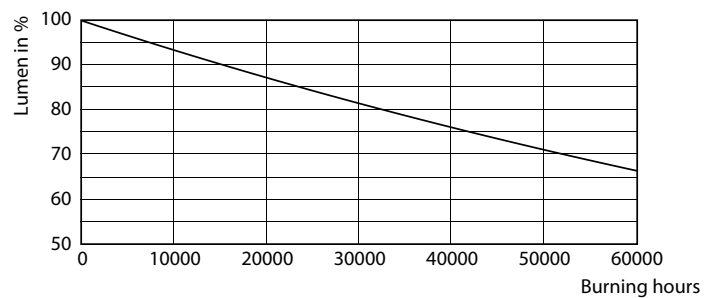
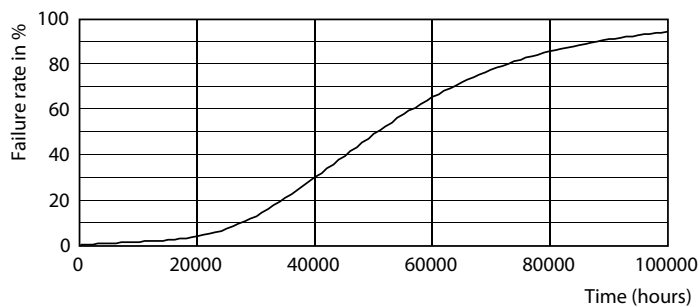
Photometric data



Catalytic Performance 4.5	Philips Lighting B.V.	Page 17
---------------------------	-----------------------	---------

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

Lifetime



Life Expectancy Diagram

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

