



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		Photobiological safety according to EN 62471	
Cap-Base	E27	RG1	
Nominal lifetime	50,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Input Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power Consumption	4 W
Light Technical		Lamp Current (Nom)	43 mA
Color Code	840 [CCT of 4000K]	Wattage Equivalent	60 W
Beam Angle (Nom)	300 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	840 lm	Warm-up time to 60% light	0.5 s
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.4
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	220-240 V
Luminous Efficacy (rated) (Nom)	210 lm/W	Temperature	
Color Consistency	<6	T-Case Maximum (Nom)	70 °C
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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Controls and Dimming

Dimmable	No
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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
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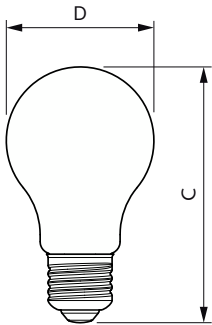
Application Conditions

can it be used in closed luminaires	No
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Product Data

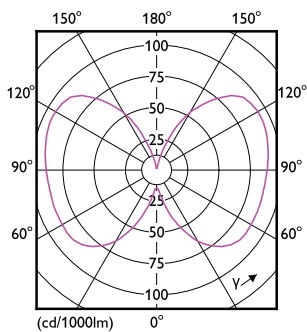
Order product name	MAS LEDBulbND4-60W E27 840 A60 FR G UE
Full product name	MAS LEDBulbND4-60W E27 840 A60 FR G UE
Full product code	872016928428900
Order code	929003624102
Material Nr. (12NC)	929003624102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169284289
Numerator - Packs per outer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

Dimensional drawing

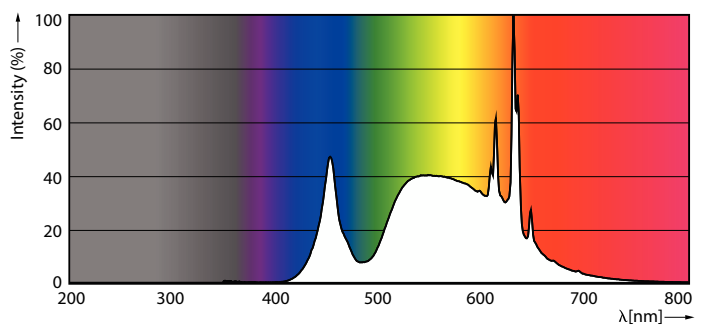


Product	D	C
MAS LEDBulbND4-60W E27 840 A60 FR G UE	60 mm	104 mm

Photometric data



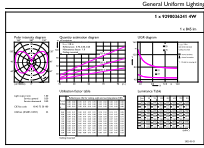
Light Distribution Diagram - MAS LEDBulbND4-60W E27 840 A60 FR G UE



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

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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

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

