



MASTER UltraEfficient LED bulb

MAS LEDBulbND2.3-40W 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		Photobiological safety according to EN 62471 RG1	
Cap-Base	E27		
Nominal lifetime	50,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	300 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	485 lm	Power Consumption	2.3 W
Color Designation	White (WH)	Lamp Current (Nom)	25 mA
Correlated Color Temperature (Nom)	3000 K	Wattage Equivalent	40 W
Luminous Efficacy (rated) (Nom)	210 lm/W	Starting Time (Nom)	0.5 s
Color Consistency	<6	Warm-up time to 60% light	0.5 s
Color rendering index (CRI)	80	Power Factor (Fraction)	0.4
LLMF At End Of Nominal Lifetime (Nom)	70 %	Voltage (Nom)	220-240 V
		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 Material	Glass
Bulb Shape	A60
Net Weight (Piece)	0.035 kg

Approval and Application

Energy Efficiency Class	A
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1543853
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

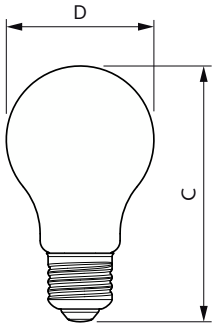
Application Conditions

can it be used in closed luminaires	No
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Product Data

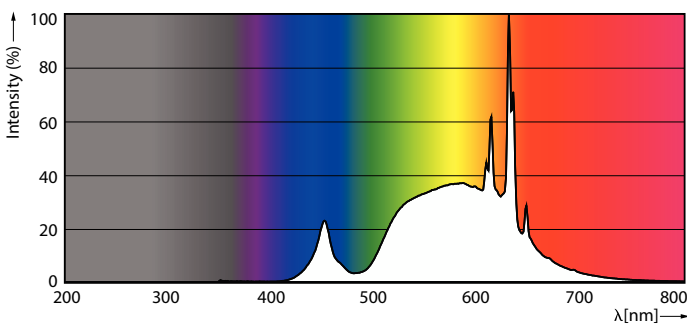
Order product name	MAS LEDBulbND2.3-40W E27 830 A60 FR G UE
Full product name	MAS LEDBulbND2.3-40W E27 830 A60 FR G UE
Full product code	872016925408400
Order code	929003702702
Material Nr. (12NC)	929003702702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169254084
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169254091

Dimensional drawing

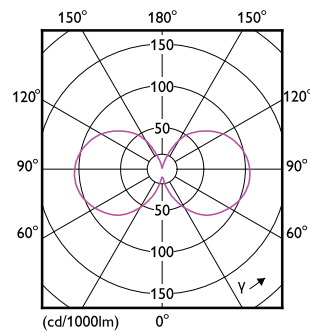


Product	D	C
MAS LEDBulbND2.3-40W E27 830 A60 FR G UE	60 mm	104 mm

Photometric data



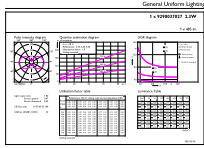
Spectral Power Distribution Colour - MAS LEDBulbND2.3-40W E27 830 A60 FR G UE



Light Distribution Diagram - MAS LEDBulbND2.3-40W E27 830 A60 FR G UE

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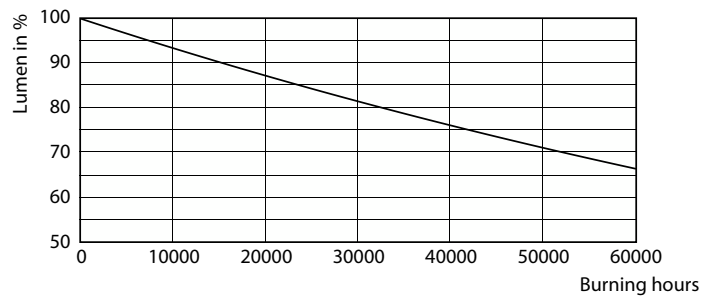
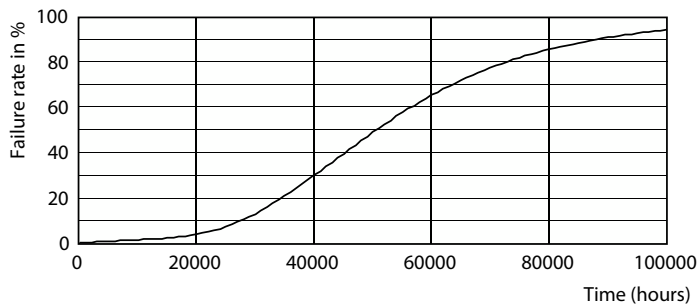
Photometric data



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General uniform lighting - MAS LEDBulbND2.3-40W E27 830 A60 FR G UE

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - MAS LEDBulbND2.3-40W E27 830 A60 FR G UE

