



MASTER UltraEfficient LED bulb

MAS LEDBulbND2.3-40W E27 827 A60 CL 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		Stroboscopic effect visibility measure (SVM)	
Cap-Base	E27	Stroboscopic effect visibility measure (SVM)	0.4
Nominal lifetime	50,000 hour(s)	Photobiological safety according to EN 62471	RG1
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Input Frequency	50 to 60 Hz
Light Technical		Power Consumption	2.3 W
Color Code	827 [CCT of 2700K]	Lamp Current (Nom)	25 mA
Luminous Flux	485 lm	Wattage Equivalent	40 W
Luminous Efficacy (rated) (Nom)	210 lm/W	Starting Time (Nom)	0.5 s
Color Designation	Warm White (WW)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	2700 K	Power Factor (Fraction)	0.4
Color Consistency	<6	Voltage (Nom)	220-240 V
Color rendering index (CRI)	80	Temperature	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Ambient temperature range	-20 to +45 °C
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1	T-Case Maximum (Nom)	70 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	A60

Approval and Application

Energy Efficiency Class	A
Energy Consumption kWh/1000 h	3 kWh
EPREL Registration Number	1442600
CE mark	Yes
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
EyeComfort	Yes

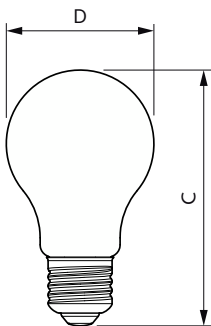
Application Conditions

can it be used in closed luminaires	No
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Product Data

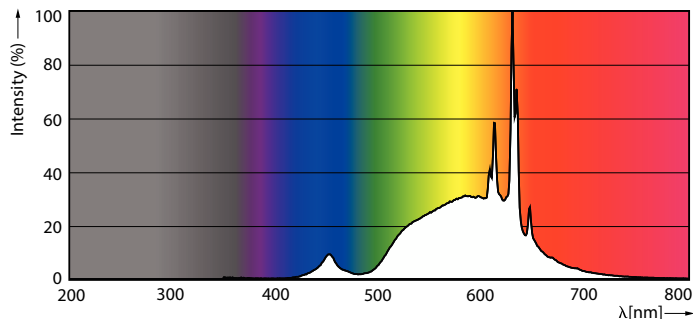
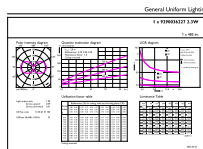
Order product name	MAS LEDBulbND2.3-40W E27 827 A60 CL G UE
Full product name	MAS LEDBulbND2.3-40W E27 827 A60 CL G UE
Full product code	872016918829700
Local code description	MLBUE040E2782CL
Order code	929003622702
Material Nr. (12NC)	929003622702
Local order code	MLBUE040E2782CL
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.030 kg
EAN/UPC - Product/Case	8720169188297
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169188303

Dimensional drawing



Product	D	C
MAS LEDBulbND2.3-40W E27 827 A60 CL G UE	60 mm	104 mm

Photometric data

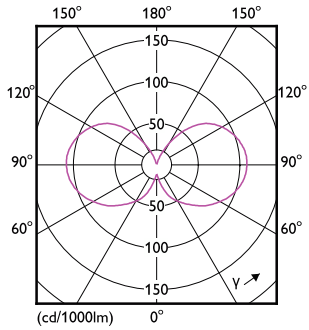


General uniform lighting - MAS LEDBulbND2.3-40W E27 827 A60 CL G UE

Spectral Power Distribution Colour - MAS LEDBulbND2.3-40W E27 827 A60 CL G UE

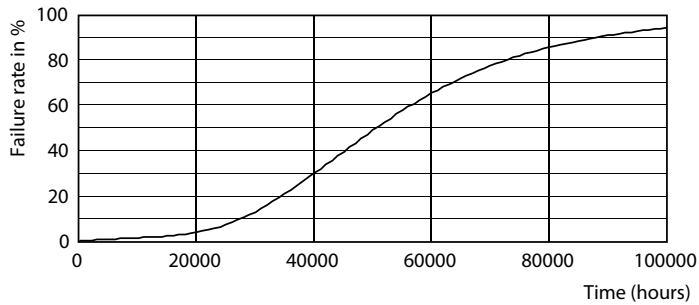
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Photometric data

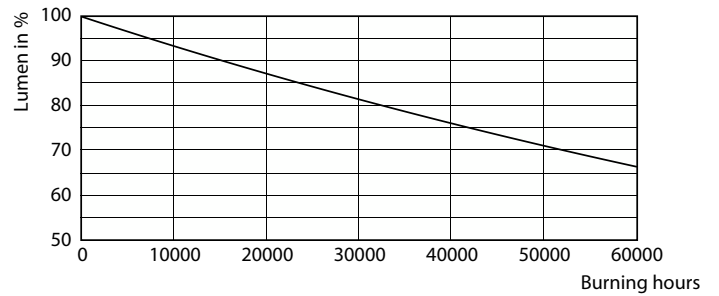


Light Distribution Diagram - MAS LEDBulbND2.3-40W E27 827 A60 CL G UE

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbND2.3-40W E27 827 A60 CL G UE

