



MASTER UltraEfficient LED bulb

MAS LEDBulbND2.3-40W E27 827 A60 FR G UE

MASTER, LEDbulb, A60, 40 W, E27, 2700 K, 485 lm, CRI 80, 50000 hour(s), Glass

MASTER, LEDbulb, A60, 40 W, E27, 2700 K, 485 lm, CRI 80, 50000 hour(s), Glass, 210 lm/W, EEL A, PF 0.4, Beam angle 300 degree(s), RG1, IP20, SVM 0.4, PstLM 1

Product data

General Information	
Cap-Base	E27
Nominal lifetime	50,000 hour(s)
Switching Cycle	500,000
Lighting Technology	LEDbulb
Flux measurement reference	Sphere
Warranty period	5 years
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	485 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Color Consistency	<6

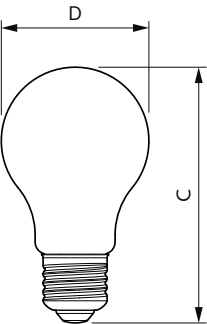
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	2.3 W
Lamp Current (Nom)	25 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V

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Temperature	
T-Case Maximum (Nom)	70 °C
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	3 kWh
EPREL Registration Number	1442603
CE mark	Yes
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	UltraEfficient
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	

Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 to +45 °C
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable
Product Data	
Order product name	MAS LEDBulbND2.3-40W E27 827 A60 FR G UE
Full product name	MAS LEDBulbND2.3-40W E27 827 A60 FR G UE
Full product code	872016918833400
Order code	929003622902
Material Nr. (12NC)	929003622902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169188334
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169188341

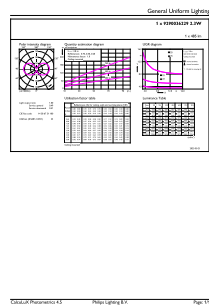
Dimensional drawing



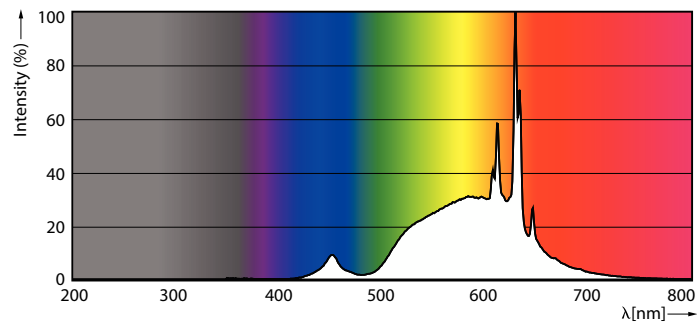
Product	D	C
MAS LEDBulbND2.3-40W E27 827 A60 FR G UE	60 mm	104 mm

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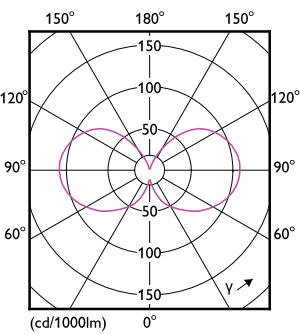
Photometric data



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

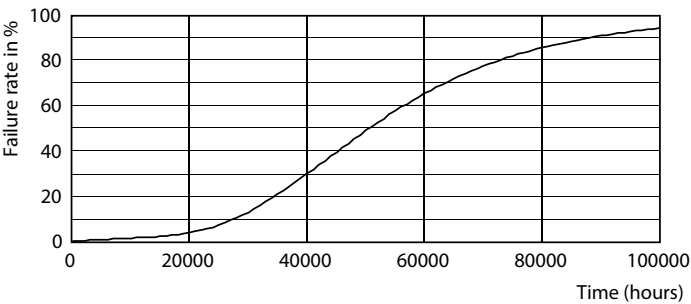


Spectral Power Distribution Colour - MAS LEDBulbND2.3-40W E27 827 A60 FR G UE

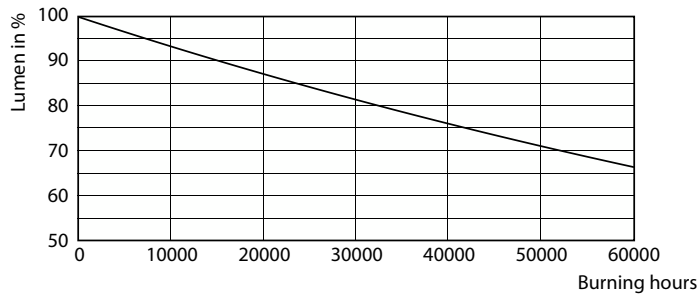


Light Distribution Diagram - MAS LEDBulbND2.3-40W E27 827 A60 FR G UE

Lifetime



Life Expectancy Diagram



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

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