



MASTER UltraEfficient LED bulb

MAS LEDBulbND7.3-100W E27 827 A60 FR GUE

MASTER, LEDbulb, A60, 100 W, E27, 2700 K, 1535 lm, CRI 80, 50000 hour(s), Glass

MASTER, LEDbulb, A60, 100 W, E27, 2700 K, 1535 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	1,535 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Color Consistency	<6

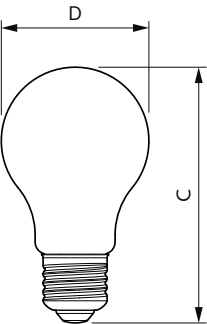
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	7.3 W
Lamp Current (Nom)	71 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 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)	0.035 kg
Approval and Application	
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	1442627
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 1 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 LEDBulbND7.3-100W E27 827 A60 FR GUE
Full product name	MAS LEDBulbND7.3-100W E27 827 A60 FR GUE
Full product code	872016918881500
Order code	929003625302
Material Nr. (12NC)	929003625302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169188815
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169188822

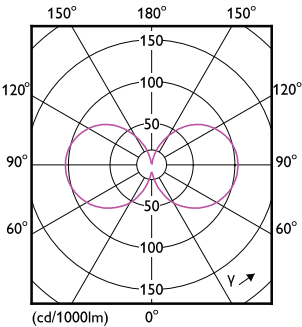
Dimensional drawing



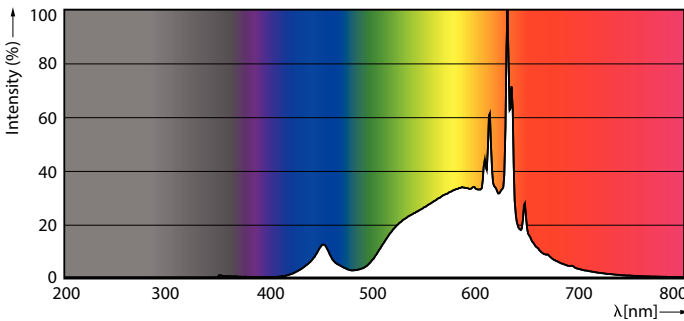
Product	D	C
MAS LEDBulbND7.3-100W E27 827 A60 FR GUE	60 mm	104 mm

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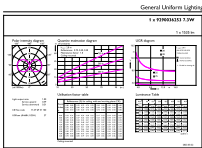
Photometric data



Light Distribution Diagram - MAS LEDBulbND7.3-100W E27 827 A60 FR GUE



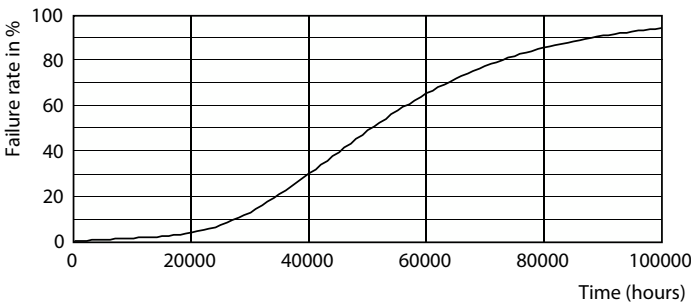
Spectral Power Distribution Colour - MAS LEDBulbND7.3-100W E27 827 A60 FR GUE



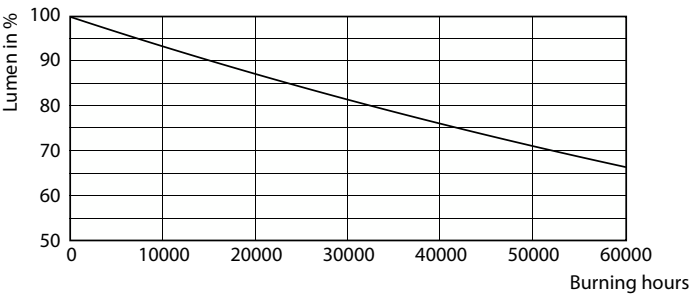
General uniform lighting - MAS LEDBulbND7.3-100W E27 827 A60 FR GUE

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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbND7.3-100W E27 827 A60 FR GUE

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