



MASTER UltraEfficient LED bulb

MAS LEDBulb D 4-60W E27 827 A60 FR G UE

LEDbulb, A60, 60 W, E27, 2700 K, 840 lm, CRI 80, 50000 hour(s), Glass

LEDbulb, A60, 60 W, E27, 2700 K, 840 lm, CRI 80, 50000 hour(s), Glass, 210 lm/W, EEL A, PF 0.9, 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	840 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Color Consistency	<6

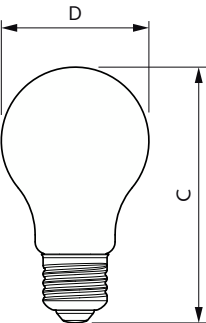
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	4 W
Lamp Current (Nom)	20 mA
Wattage Equivalent	60 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

MASTER UltraEfficient LED bulb

Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	A60
Net Weight (Piece)	0.037 kg
Approval and Application	
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	4 kWh
EPREL Registration Number	1882026
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	UltraEfficient
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	Yes
Wireless Technology	Not applicable
Product Data	
Order product name	MAS LEDBulb D 4-60W E27 827 A60 FR G UE
Full product name	MAS LEDBulb D 4-60W E27 827 A60 FR G UE
Full product code	872016931055100
Order code	929003800202
Material Nr. (12NC)	929003800202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169310551
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169310568

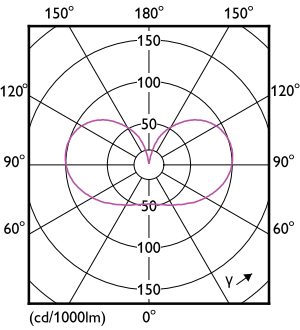
Dimensional drawing



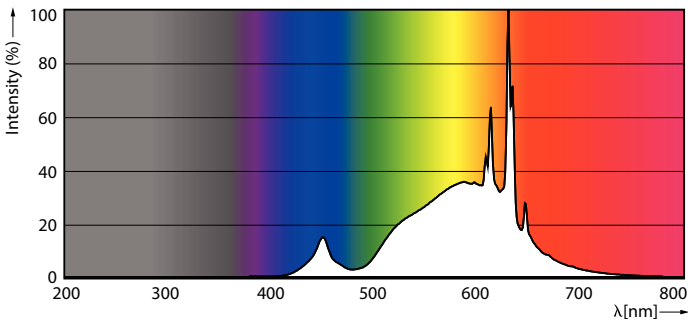
Product	D	C
MAS LEDBulb D 4-60W E27 827 A60 FR G UE	60 mm	108 mm

MASTER UltraEfficient LED bulb

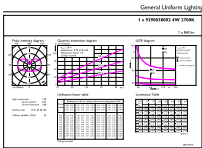
Photometric data



Light Distribution Diagram - MAS LEDBulb D 4-60W E27 827 A60 FR G UE



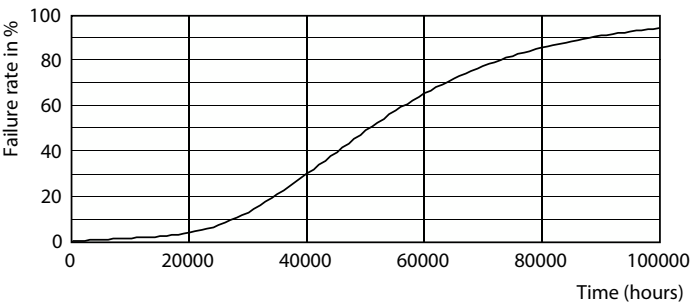
Spectral Power Distribution Colour - MAS LEDBulb D 4-60W E27 827 A60 FR G UE



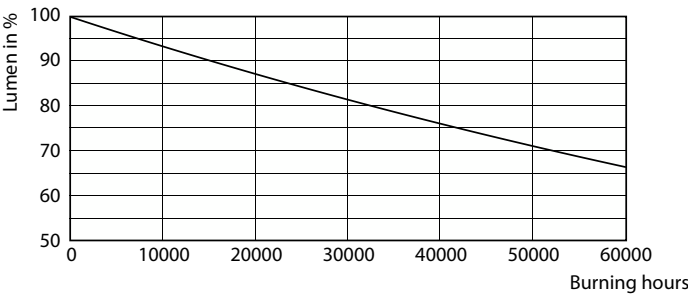
General uniform lighting

General uniform lighting - MAS LEDBulb D 4-60W E27 827 A60 FR G UE

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulb D 4-60W E27 827 A60 FR G UE

MASTER UltraEfficient LED bulb

