



MASTER UltraEfficient LED bulb

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

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	
Cap-Base	E27
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
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
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	8 kWh
EPREL Registration Number	1442627
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
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
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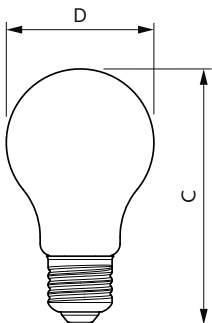
Application Conditions

can it be used in closed luminaires	No
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Product Data

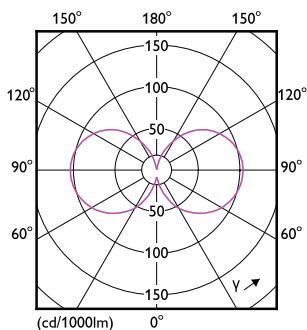
Order product name	MAS LEDBulbND7.3-100W E27 827 A60 FR GUE
Full product name	MAS LEDBulbND7.3-100W E27 827 A60 FR GUE
Full product code	872016918881500
Order code	929003625302
Material Nr. (12NC)	929003625302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169188815
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169188822

Dimensional drawing

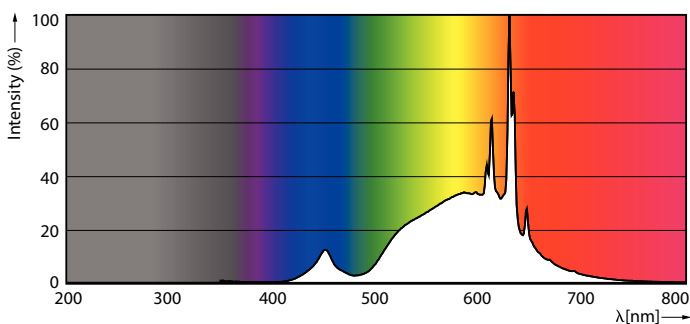


Product	D	C
MAS LEDBulbND7.3-100W E27 827 A60 FR GUE	60 mm	104 mm

Photometric data



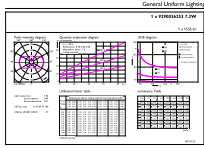
Light Distribution Diagram - MAS LEDBulbND7.3-100W E27 827 A60 FR GUE



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

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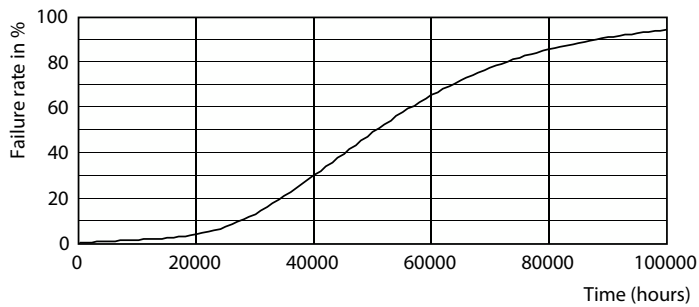
Photometric data



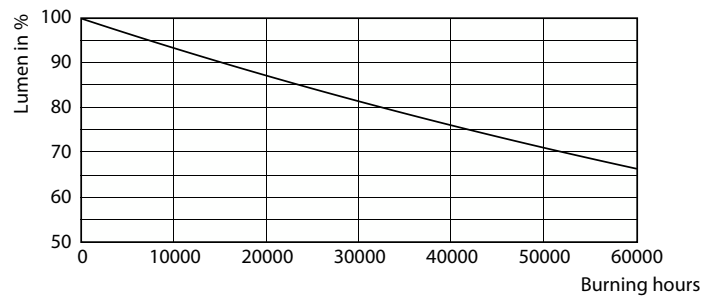
General Uniform Lighting - MAS LEDBulbND7.3-100W E27 827 A60 FR GUE

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

Lifetime



Life Expectancy Diagram



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

