



MASTER Ultra Efficient LED bulb

MAS LEDBulbND7.3-100W E27 830 A60 CL GUE

MASTER, LEDbulb, A60, 100 W, E27, 3000 K, 1535 lm, CRI 80, 50000 h, Glass

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 a high SPEC product, but also keeps the light quality of Philips brand

Product data

General Information	
Cap base	E27
Nominal lifetime	50,000 h
Switching Cycle	500,000
Lighting Technology	LEDbulb
Flux measurement reference	Sphere
Warranty period	5 years

Light Technical	
Colour Code	830 [CCT of 3000K]
Beam angle (nom.)	300 degree(s)
Luminous Flux	1,535 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	210 lm/W
Colour consistency	<6
Colour 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

Lamp Finish	Clear
Bulb material	Glass
Bulb shape	A60
Net Weight (Piece)	0.039 kg

Approval and Application

Energy Efficiency Class	A
Energy consumption kWh/1,000 hours	8 kWh
EPREL Registration Number	1543863
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
LED innovations	UltraEfficient
Flickering value (PstLM)	1
Stroboscopic effect	0.4

Ambient temperature range	-20 to +45 °C
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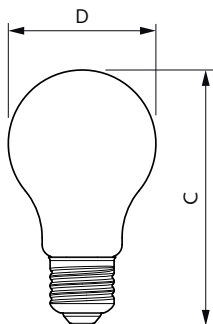
Application Conditions

Can it be used in closed luminaires	No
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Product Data

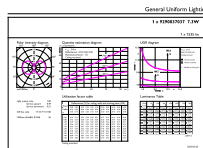
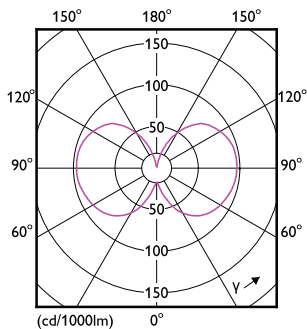
Order product name	MAS LEDBulbND7.3-100W E27 830 A60 CL GUE
Full product name	MAS LEDBulbND7.3-100W E27 830 A60 CL GUE
Full EOC	872016925428200
Order code	929003703702
Material no. (12 NC)	929003703702
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169254282
Numerator – packs per outer box	10
EAN/UPC - Case	8720169254299

Dimensional drawing



Product	D	C
MAS LEDBulbND7.3-100W E27 830 A60 CL GUE	60 mm	104 mm

Photometric data

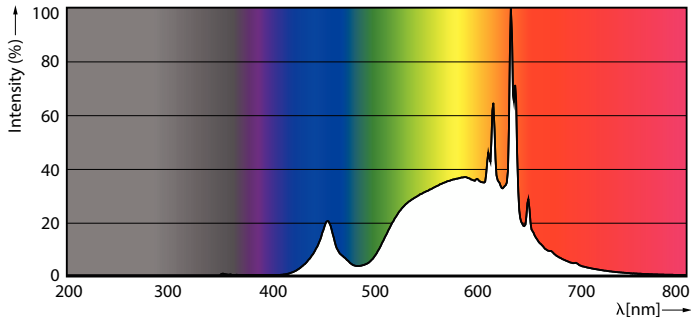


Light Distribution Diagram - MAS LEDBulbND7.3-100W E27 830 A60 CL GUE

General uniform lighting - MAS LEDBulbND7.3-100W E27 830 A60 CL GUE

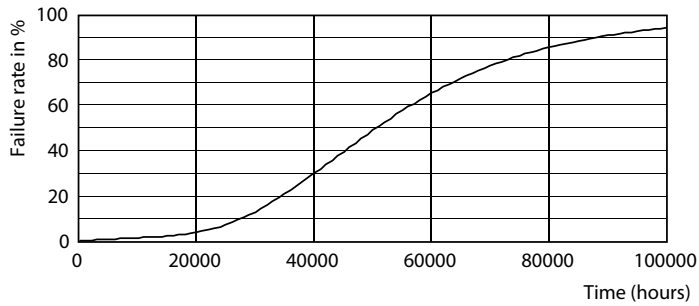
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Photometric data

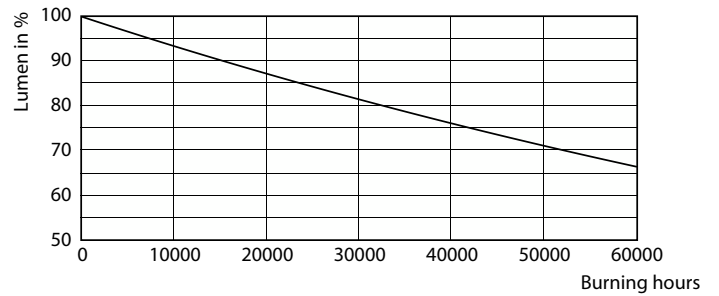


Spectral Power Distribution Colour - MAS LEDBulbND7.3-100W E27 830
A60 CL GUE

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbND7.3-100W E27 830 A60 CL
GUE

