



MASTER Ultra Efficient LED bulb

MAS LEDBulbND7.3-100W E27 840 A60 CL GUE

MASTER, LED, A60, 100 W, E27, 4000 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	LED
Flux measurement reference	Sphere
Warranty period	5 years

Light Technical	
Colour Code	840 [CCT of 4000K]
Beam angle (nom.)	300 degree(s)
Luminous Flux	1,535 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 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

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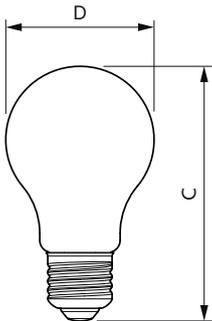
Temperature	
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb material	Glass
Bulb shape	A60
Net Weight (Piece)	0.035 kg
Approval and Application	
Energy Efficiency Class	A
Energy consumption kWh/1,000 hours	8 kWh
EPREL Registration Number	1442629
CE mark	Yes
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
EyeComfort	Yes
LED innovations	UltraEfficient

Flickering value (PstLM)	1
Stroboscopic effect	0.4
Ambient temperature range	-20 to +45 °C

Application Conditions	
Can it be used in closed luminaires	No

Product Data	
Order product name	MAS LEDBulbND7.3-100W E27 840 A60 CL GUE
Full product name	MAS LEDBulbND7.3-100W E27 840 A60 CL GUE
Full EOC	872016918885300
Order code	18885300
Material no. (12 NC)	929003625502
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169188853
Numerator – packs per outer box	10
EAN/UPC - Case	8720169188860

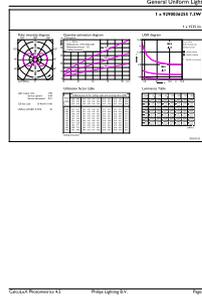
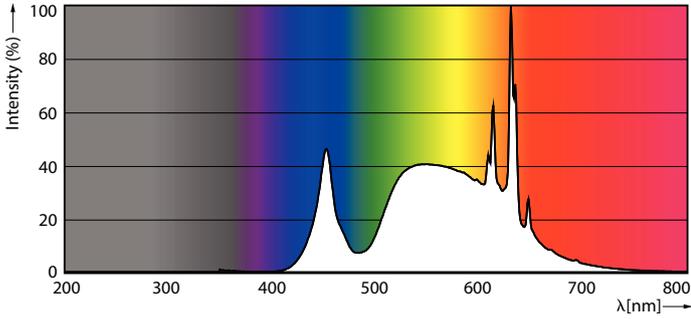
Dimensional drawing



Product	D	C
MAS LEDBulbND7.3-100W E27 840 A60 CL GUE	60 mm	104 mm

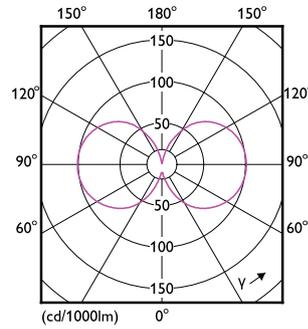
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Photometric data



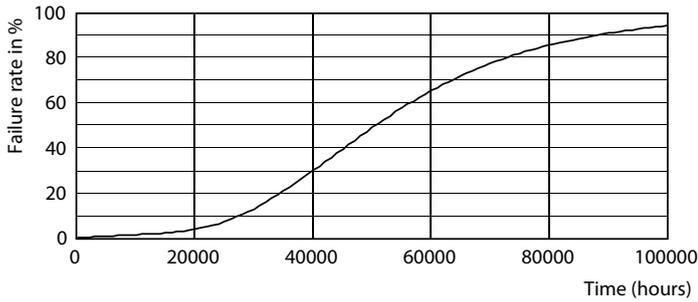
Spectral Power Distribution Colour - MAS LEDBulbND7.3-100W E27 840 A60 CL GUE

General uniform lighting - MAS LEDBulbND7.3-100W E27 840 A60 CL GUE

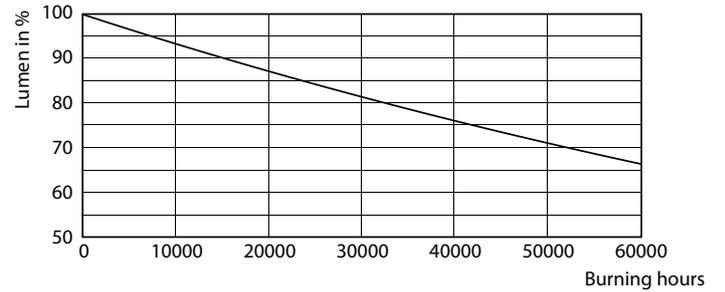


Light Distribution Diagram - MAS LEDBulbND7.3-100W E27 840 A60 CL GUE

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbND7.3-100W E27 840 A60 CL GUE

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