



MASTER UltraEfficient LED bulb

MAS LEDBulbND7.3-100W E27 840 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
EU RoHS compliant	Yes

Light Technical	
Color Code	840 [CCT of 4000K]
Luminous Flux	1,535 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	210 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Flickering value (PstLM) - Flickering value as 1	
per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4
Photobiological safety according to EN 62471 RG1	

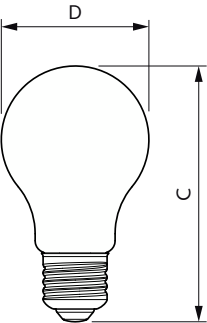
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	7.3 W
Lamp Current (Nom)	71 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Voltage (Nom)	220 V

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Temperature	
Ambient temperature range	-20 to +45 °C
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Glass
Bulb Shape	A60
Approval and Application	
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	1442631
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EyeComfort	Yes

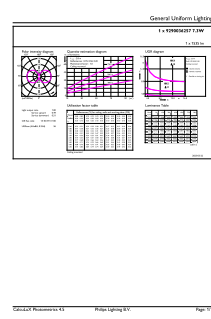
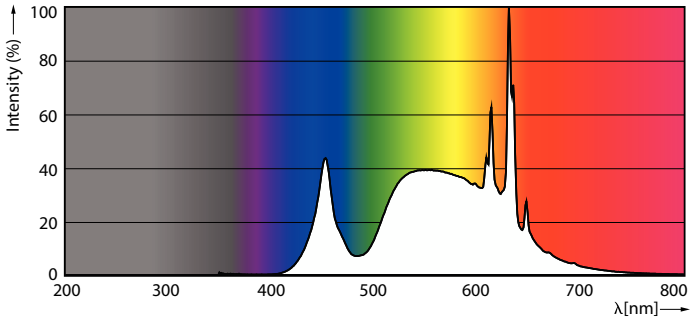
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	MAS LEDBulbND7.3-100W E27 840 A60 FR GUE
Full product name	MAS LEDBulbND7.3-100W E27 840 A60 FR GUE
Full product code	872016918889100
Order code	929003625702
Material Nr. (12NC)	929003625702
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169188891
Numerator - Packs per outer box	10
EAN/UPC - Case	8720169188907

Dimensional drawing



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

Photometric data

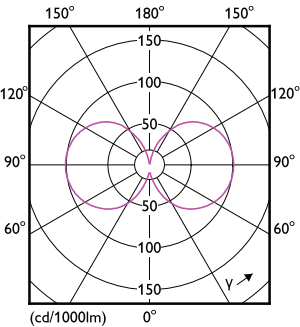


Spectral Power Distribution Colour - MAS LEDBulbND7.3-100W E27 840 A60 FR GUE

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

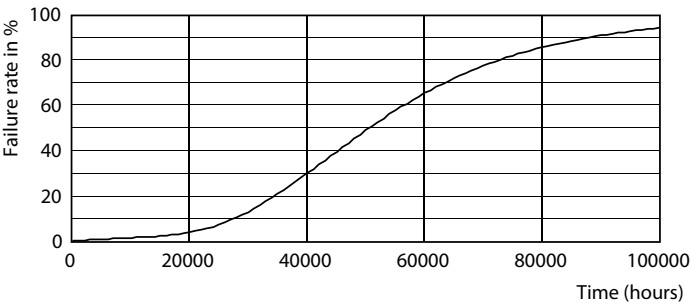
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Photometric data

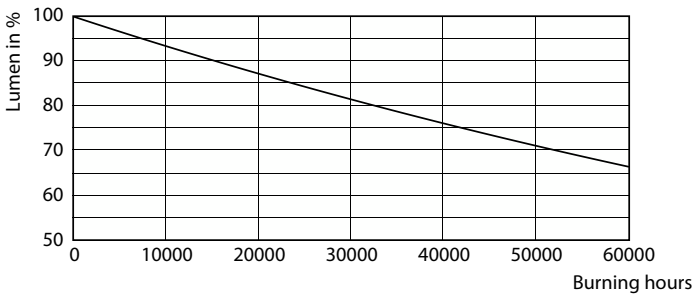


Light Distribution Diagram - MAS LEDBulbND7.3-100W E27 840 A60 FR GUE

Lifetime



Life Expectancy Diagram - MAS LEDBulbND7.3-100W E27 840 A60 FR GUE



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

