



MASTER UltraEfficient LED bulb

MAS LEDBulbND7.3-100WE27840 A70 FRG UE

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	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 %

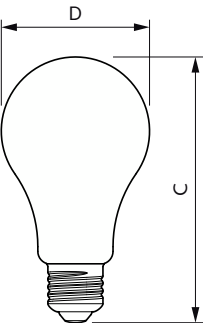
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	7.3 W
Lamp Current (Nom)	70 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	70 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	A70
Net Weight (Piece)	0.050 kg
Approval and Application	
Energy Efficiency Class	A
Energy Consumption kWh/1000 h	8 kWh
EPREL Registration Number	1370037
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value 1 as per EN 61000-3-3	
Stroboscopic effect visibility measure (SVM)	0.4

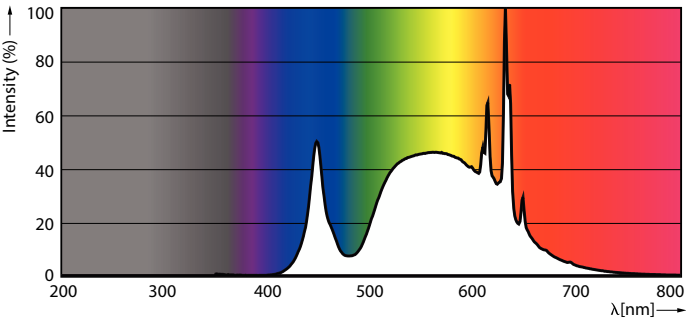
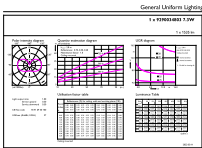
Application Conditions	
can it be used in closed luminaires	No
Product Data	
Order product name	MAS LEDBulbND7.3-100WE27840 A70 FRG UE
Full product name	MAS LEDBulbND7.3-100WE27840 A70 FRG UE
Full product code	871951443585800
Order code	929003480302
Material Nr. (12NC)	929003480302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514435858
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514435865

Dimensional drawing



Product	D	C
MAS LEDBulbND7.3-100WE27840 A70 FRG UE	70 mm	127 mm

Photometric data

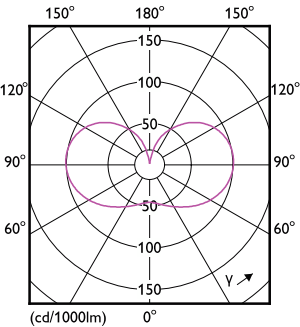


General uniform lighting - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

Spectral Power Distribution Colour - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

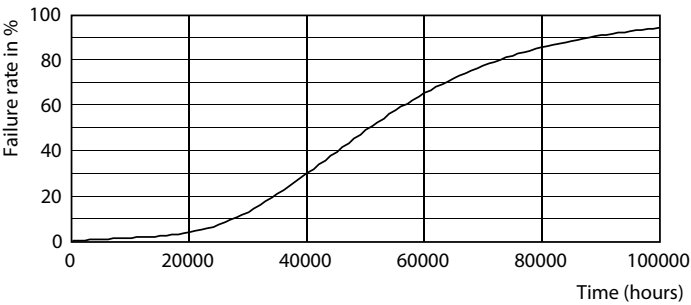
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Photometric data

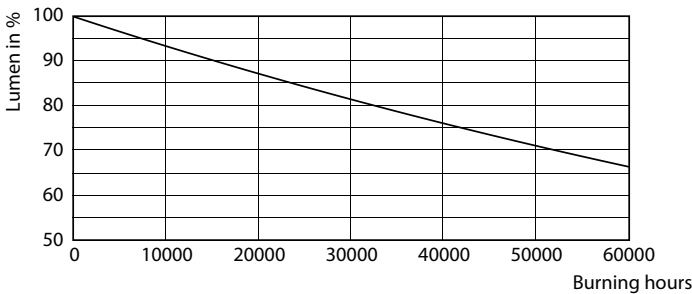


Light Distribution Diagram - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbND7.3-100WE27840 A70 FRG UE

