





# 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 %

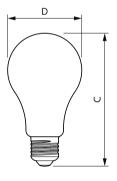
Photobiological safety according to EN	RG1
62471	
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	7.3 W
Lamp Current (Nom)	70 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)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

## MASTER UltraEfficient LED bulb

Controls and Dimming		Application Conditions
Dimmable	No	can it be used in closed lumi
Mechanical and Housing		Product Data
Bulb Finish	Frosted	Order product name
Bulb Shape	A70	
Net Weight (Piece)	0.050 kg	Full product name
Approval and Application		Full product code
Energy Efficiency Class	A	Order code
Energy Consumption kWh/1000 h	8 kWh	Material Nr. (12NC)
EPREL Registration Number	1370037	Numerator - Quantity Per Pa
CE mark	Yes	EAN/UPC - Product/Case
EU RoHS compliant	Yes	Numerator - Packs per outer
EyeComfort	Yes	EAN/UPC - Case
Flickering value (PstLM) - Flickering valu	ue 1	
as per EN 61000-3-3		
Stroboscopic effect visibility measure	0.4	
(SVM)		

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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	

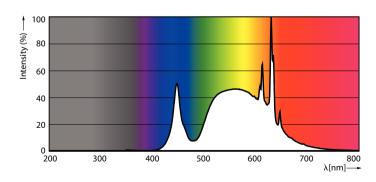
#### Dimensional drawing



Photometric data

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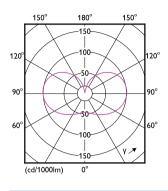
Product	D	с
MAS LEDBulbND7.3-100WE27840 A70 FRG UE	70 mm	127 mm



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

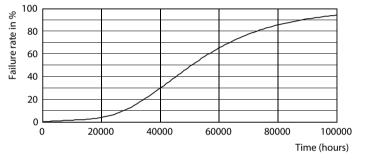
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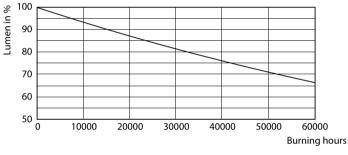
#### Photometric data



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

#### Lifetime





Life Expectancy Diagram

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



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