





MASTER Ultra Efficient LED bulb

MAS LEDBulbND7.3-100WE27830 A70 CLG 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 a high SPEC product, but also keeps the light quality of Philips brand

Product data

To the second se	
General information	
Lighting Technology	LED
Flux measurement reference	Sphere
Switching Cycle	50,000
Nominal lifetime	50,000 h
Cap base	E27 [E27]
Light technical	
Colour Code	830 [CCT of 3000K]
Luminous Flux	1,535 lm
Colour designation	White (WH)
Correlated Colour Temperature	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 %
Flickering value (PstLM)	1
Stroboscopic effect	0.4

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 ℃
Controls and dimming	
Dimmable	No
Mechanical and housing	
Lamp Finish	Clear

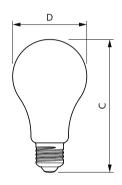
Datasheet, 2023, April 15 data subject to change

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Bulb shape	A70 [A 70 mm]
Approval and application	
Energy Efficiency Class	A
Energy consumption kWh/1,000 hours	8 kWh
EPREL registration number	1370031
CE mark	Yes
EU RoHS compliant	Yes
Product data	
Full EOC	871951443591900

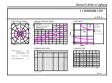
Order product name	MAS LEDBulbND7.3-100WE27830 A70 CLG U	
Order code	43591900	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	10	
Material number (12NC)	929003480602	
Full product name	MAS LEDBulbND7.3-100WE27830 A70 CLG U	
EAN/UPC - Case	8719514435926	

Dimensional drawing



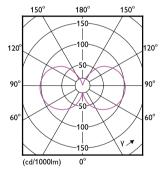
Product	D	С
MAS LEDBulbND7.3-100WE27830 A70 CLG UE	70 mm	127 mm

Photometric data





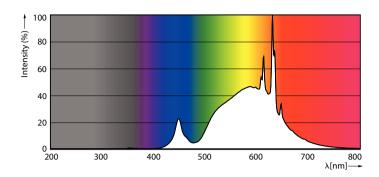
General uniform lighting - MAS LEDBulbND7.3-100WE27830 A70 CLG UE



Light Distribution Diagram - MAS LEDBulbND7.3-100WE27830 A70 CLG UE

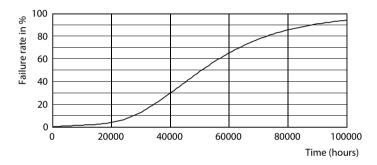
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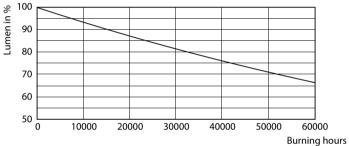
Photometric data



Spectral Power Distribution Colour - MAS LEDBulbND7.3-100WE27830 A70 CLG UE

Lifetime





Life Expectancy Diagram - MAS LEDBulbND7.3-100WE27830 A70 CLG UE

Lumen Maintenance Diagram - MAS LEDBulbND7.3-100WE27830 A70 CLG



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