



MASTER UltraEfficient LED bulb

MAS LEDBulbND7.3-100WE27830 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		Photobiological safety according to EN 62471	
Cap-Base	E27	RG1	
Nominal lifetime	50,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
Flux measurement reference	Sphere		
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Luminous Flux	1,535 lm	Input Frequency	50 to 60 Hz
Color Designation	White (WH)	Power Consumption	7.3 W
Correlated Color Temperature (Nom)	3000 K	Lamp Current (Nom)	70 mA
Luminous Efficacy (rated) (Nom)	210 lm/W	Wattage Equivalent	100 W
Color Consistency	<6	Starting Time (Nom)	0.5 s
Color rendering index (CRI)	80	Warm-up time to 60% light	0.5 s
LLMF At End Of Nominal Lifetime (Nom)	70 %	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
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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	1370038
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value 1 as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4

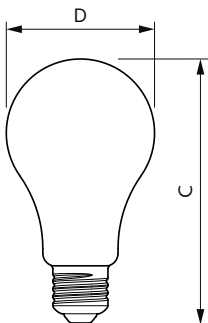
Application Conditions

can it be used in closed luminaires	No
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Product Data

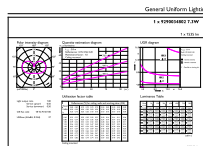
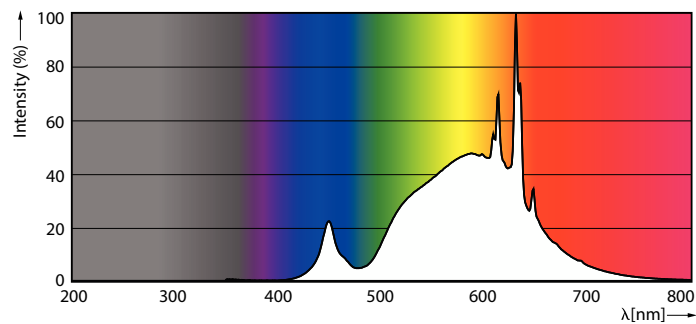
Order product name	MAS LEDBulbND7.3-100WE27830 A70 FRG UE
Full product name	MAS LEDBulbND7.3-100WE27830 A70 FRG UE
Full product code	871951443583400
Order code	929003480202
Material Nr. (12NC)	929003480202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514435834
Numerator - Packs per outer box	10
EAN/UPC - Case	8719514435841

Dimensional drawing



Product	D	C
MAS LEDBulbND7.3-100WE27830 A70 FRG UE	70 mm	127 mm

Photometric data



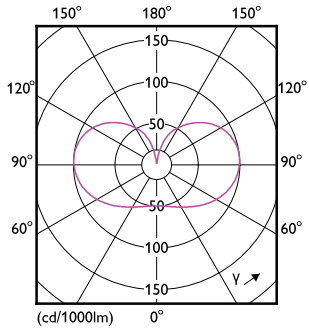
General uniform lighting - MAS LEDBulbND7.3-100WE27830 A70 FRG UE

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

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

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Photometric data



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

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - MAS LEDBulbND7.3-100WE27830 A70 FRG UE

