Lighting

PHILIPS



MASTER Value Glass LED bulbs

MAS VLE LEDBulbD11.2-100W E27 927 A60FRG

Featuring a classic heritage design, these filament LED bulbs combine the familiar shapes of incandescent bulbs with the benefits of long-lasting LED technology. These MASTER Value Glass LED bulbs offer more energy savings than normal glass LED bulbs. At the same time, they also provide customers with good light experience, enhanced by excellent dimming performance (dimmable glass LED bulbs). MASTER Value Glass LED Bulbs deliver significant energy savings, using 30% less energy compared to normal LED bulbs and provide excellent quality of light. By offering a lifetime of 15,000 hours, these dimmable LED bulbs also reduce maintenance costs.

Product data

General Information	
Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	20,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	927 [CCT of 2700K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	1,521 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	135.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	90

LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RGO
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	11.2 W
Lamp Current (Nom)	51 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.7
Voltage (Nom)	220-240 V

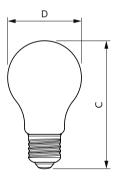
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MASTER Value Glass LED bulbs

Temperature	
T-Case Maximum (Nom)	2° 08
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	A60
Net Weight (Piece)	0.030 kg
Approval and Application	
Energy Efficiency Class	D
Energy Consumption kWh/1000 h	12 kWh
EPREL Registration Number	574366
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
Flickering value (PstLM) - Flickering value as	1
per EN 61000-3-3	

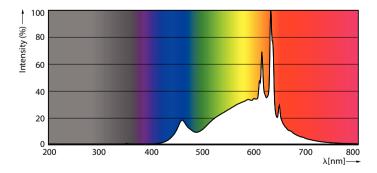
Stroboscopic effect visibility measure (SVM)	0.4	
Application Conditions		
Application Conditions		
can it be used in closed luminaires	No	
Product Data		
Order product name	MAS VLE LEDBulbD11.2-100W E27 927	
	A60FRG	
Full product name	MAS VLE LEDBulbD11.2-100W E27 927	
	A60FRG	
Full product code	871951434794600	
Order code	929003058502	
Material Nr. (12NC)	929003058502	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514347946	
Numerator - Packs per outer box	10	
EAN/UPC - Case	8719514347953	

Dimensional drawing

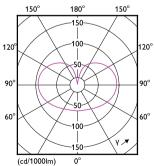


Product	D	с
MAS VLE LEDBulbD11.2-100W E27 927 A60FRG	60 mm	108 mm

Photometric data



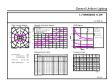
Spectral Power Distribution Colour - MAS VLE LEDBulbD11.2-100W E27 927 A60FRG





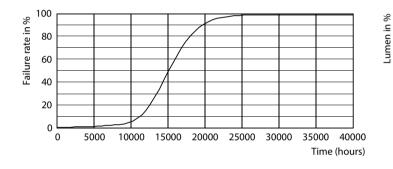
MASTER Value Glass LED bulbs

Photometric data



General uniform lighting - MAS VLE LEDBulbD11.2-100W E27 927 A60FRG

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - MAS VLE LEDBulbD11.2-100W E27 927 A60FRG

20000

30000

40000

Burning hours

10000



100

90

80

70

60 50

0

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