



Essential LED bulbs

ESS LEDBulb 12-100W E27 6500K 1PF/6 MX

LEDbulb, A19, 100 W, E27, 6500 K, 1310 lm, 15000 hour(s)

Essential LEDbulbs are compatible with existing fixtures with a E27 holder and are designed for retrofit replacement of incandescent, halogen and energy saving bulbs. They deliver huge energy savings and minimize initial investment

Product data

General Information	
Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDbulb
Warranty period	1 years

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	150 degree(s)
Luminous Flux	1,310 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	109.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz

Power Consumption	12 W
Lamp Current (Nom)	220 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	100-130 V

Temperature	
T-Case Maximum (Nom)	95 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	A19
Net Weight (Piece)	0.060 kg

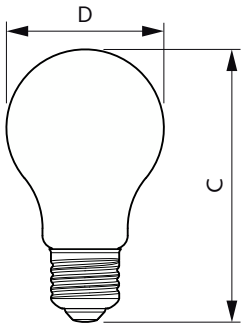
Approval and Application	
EU RoHS compliant	Yes

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Ambient temperature range	-20 to +45 °C
Application Conditions	
Wireless Technology	Not applicable
Product Data	
Order product name	ESS LEDBulb 12-100W E27 6500K 1PF/6 MX
Full product name	ESS LEDBulb 12-100W E27 6500K 1PF/6 MX
Full product code	87186967259000

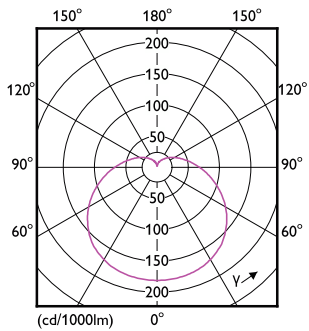
Order code	929002312811
Material Nr. (12NC)	929002312811
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696725900
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696725917

Dimensional drawing

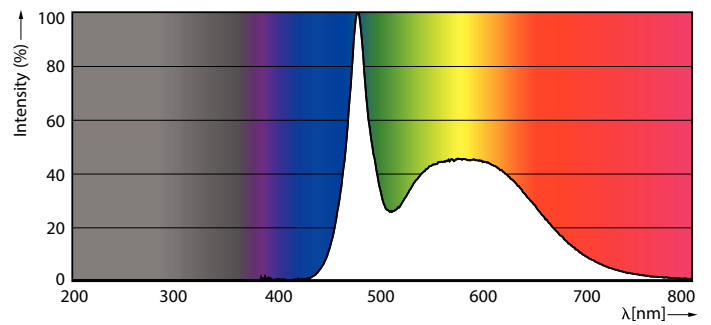


Product	D	C
ESS LEDBulb 12-100W E27 6500K 1PF/6 MX	60 mm	108 mm

Photometric data



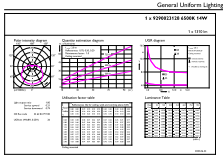
Light Distribution Diagram - ESS LEDBulb 12-100W E27 6500K 1PF/6 MX



Spectral Power Distribution Colour - ESS LEDBulb 12-100W E27 6500K 1PF/6 MX

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Photometric data



General uniform lighting - ESS LEDBulb 12-100W E27 6500K 1PF/6 MX

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - ESS LEDBulb 12-100W E27 6500K 1PF/6 MX

