



Essential LED bulbs

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

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 [E27]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	15000 h
Switching Cycle	50000X
Technical Type	12-100W

Light technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	150 °
Luminous Flux (Nom)	1310 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 (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	12 W
Lamp Current (Nom)	220 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s

Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	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 (A19)

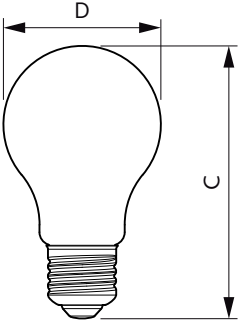
Approval and application	
Energy Consumption kWh/1000 h	- kWh

Product data	
Full product code	871869672590000
Order product name	ESS LEDBulb 12-100W E27 6500K 1PF/6 MX
EAN/UPC - Product	8718696725900
Order code	929002312811
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6

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Material Nr. (12NC)	929002312811
Net Weight (Piece)	0.060 kg

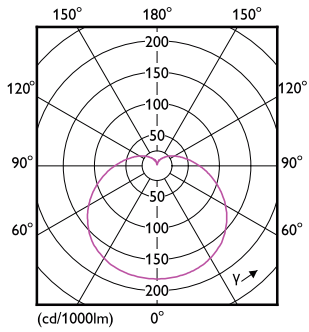
Dimensional drawing



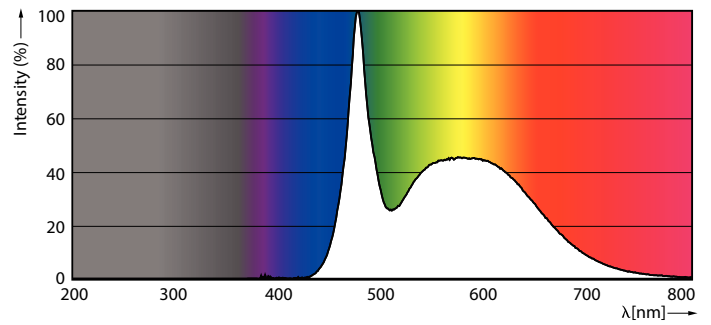
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Product	D	C
ESS LEDBulb 12-100W E27 6500K 1PF/6 MX	60 mm	108 mm

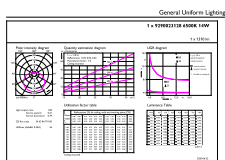
Photometric data



LEDbulb ESS A19 13W E27 1310lm 830 FR



LEDbulb ESS 14W A19 E27 865 FR



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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram

