



Essential LED bulbs

Ess LEDBulb 12-100W E27 3000K 4PF/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
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	150 degree(s)
Luminous Flux	1,310 lm
Luminous Efficacy (rated) (Nom)	109.00 lm/W
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
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
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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
Approval and Application	
EU RoHS compliant	Yes
Product Data	
Order product name	Ess LEDBulb 12-100W E27 3000K 4PF/6 MX
Full product name	Ess LEDBulb 12-100W E27 3000K 4PF/6 MX
Full product code	871951431561700
Order code	929002312772
Material Nr. (12NC)	929002312772
Numerator - Quantity Per Pack	4

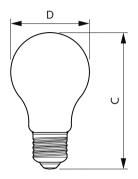
Datasheet, 2024, April 21 data subject to change

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Net Weight (Piece)	0.034 kg
EAN/UPC - Product/Case	8719514315617
Numerator - Packs per outer box	6

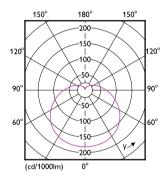
EAN/UPC - Case	8719514315624
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Dimensional drawing

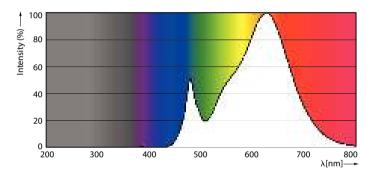


Product	D	С
Ess LEDBulb 12-100W E27 3000K 4PF/6 MX	60 mm	108 mm

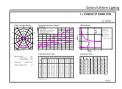
Photometric data



Light Distribution Diagram - Ess LEDBulb 12-100W E27 3000K 4PF/6 MX



Spectral Power Distribution Colour - Ess LEDBulb 12-100W E27 3000K 4PF/6 MX

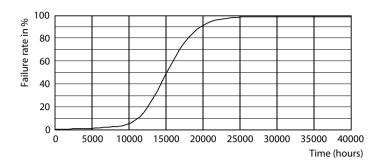


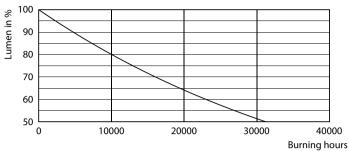
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General uniform lighting - Ess LEDBulb 12-100W E27 3000K 4PF/6 MX

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Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - Ess LEDBulb 12-100W E27 3000K 4PF/6 MX

