



Essential LED bulbs

ESS LEDBulb 12W 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]
Nominal lifetime	10,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	130 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	<7
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)	182 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)	110-130 V	
Temperature		
T-Case Maximum (Nom)	70 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Shape	A19 [A 19mm]	
Approval and Application		
Energy Consumption kWh/1000 h	12 kWh	
Product Data		
Order product name	ESS LEDBulb 12W E27 6500K 1PF/6 MX	
Full product name	ESS LEDBulb 12W E27 6500K 1PF/6 MX	
Full product code	871869672590000	
Order code	929001353511	
Material Nr. (12NC)	929001353511	

Datasheet, 2023, December 5 data subject to change

Essential LED bulbs

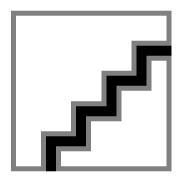
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696725900
Numerator - Packs per outer box	6

EAN/UPC - Case	8718696725917

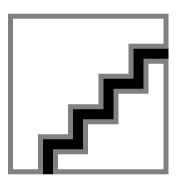
Dimensional drawing

Product	D	С
ESS LEDBulb 12W E27 6500K 1PF/6 MX	58 mm	104 mm

Photometric data



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

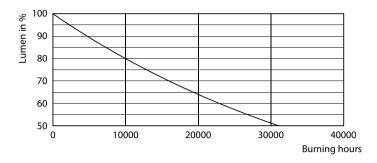


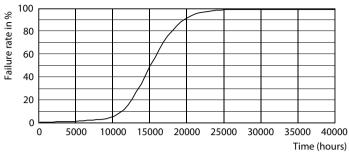
General uniform lighting - ESS LEDBulb 12W E27 6500K 1PF/6 MX

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

Essential LED bulbs

Lifetime





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

Life Expectancy Diagram - ESS LEDBulb 12W E27 6500K 1PF/6 MX



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.