



# Essential LED bulbs

## ESS LEDBulb 4.4W E17 2700K 100V 1PF/12JP

LEDbulb, A38, 40 W, E17, 2700 K, 485 lm, 45000 hour(s), Plastic

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	E17
Nominal lifetime	45,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LEDbulb

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	160 degree(s)
Luminous Flux	485 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	110 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	4.4 W
Lamp Current (Nom)	100 mA

Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	100 V

Temperature	
T-Case Maximum (Nom)	75 °C

Controls and Dimming	
Dimmable	No

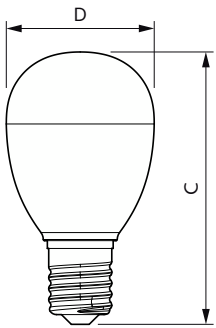
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Material	Plastic
Overall length	70 mm
Overall width	38 mm
Overall height	70 mm
Dimensions (Height x Width x Depth)	70 x 38 x 70 mm
Bulb Shape	A38

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Net Weight (Piece)	0.021 kg
<b>Approval and Application</b>	
EU RoHS compliant	Yes
EyeComfort	No
Ambient temperature range	-20 to +45 °C
<b>Application Conditions</b>	
Wireless Technology	Not applicable
<b>Product Data</b>	
Order product name	ESS LEDBulb 4.4W E17 2700K 100V 1PF/12JP

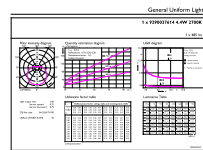
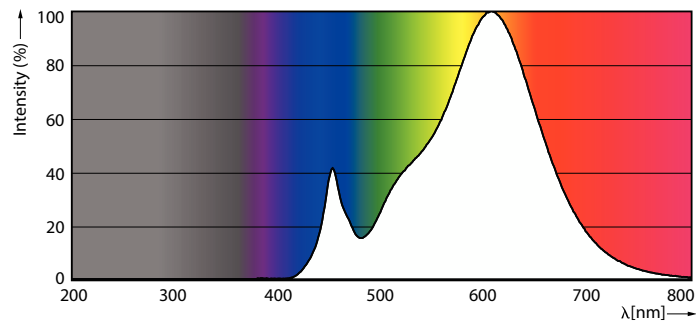
Full product name	ESS LEDBulb 4.4W E17 2700K 100V 1PF/12JP
Full product code	872016929010500
Order code	929003761447
Material Nr. (12NC)	929003761447
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169290105
Numerator - Packs per outer box	12
EAN/UPC - Case	8720169290112

## Dimensional drawing



<b>Product</b>
ESS LEDBulb 4.4W E17 2700K 100V 1PF/12JP

## Photometric data

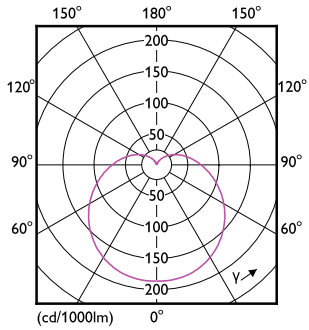


Spectral Power Distribution Colour - ESS LEDBulb 4.4W E17 2700K 100V 1PF/12JP

General uniform lighting - ESS LEDBulb 4.4W E17 2700K 100V 1PF/12JP

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## Photometric data

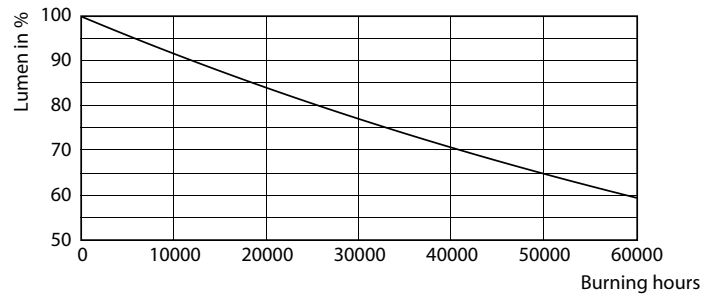


Light Distribution Diagram - ESS LEDBulb 4.4W E17 2700K 100V 1PF/12JP

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - ESS LEDBulb 4.4W E17 2700K 100V 1PF/12JP

