



# Essential LED bulbs

## ESS LEDBulb 19W E27 3000K A80 1CT/12 CN

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

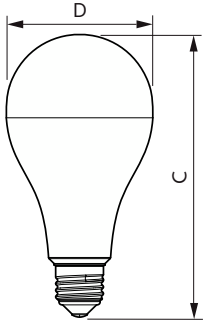
General Information		Wattage Equivalent	
Cap-Base	E27		155 W
Nominal lifetime	12,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Rated Lifetime (Hours)	12,000 hour(s)	Power Factor (Fraction)	0.51
Lighting Technology	LED	Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	830 [CCT of 3000K]	T-Case Maximum (Nom)	90 °C
Color Code	830 [CCT of 3000K]	Controls and Dimming	
Beam Angle (Nom)	150 degree(s)	Dimmable	No
Luminous Flux	2,150 lm	Mechanical and Housing	
Color Designation	White (WH)	Bulb Shape	A80
Correlated Color Temperature (Nom)	3000 K	Net Weight (Piece)	0.147 kg
Luminous Efficacy (rated) (Nom)	113.00 lm/W	Approval and Application	
Color Consistency	<6	EU RoHS compliant	Yes
Color rendering index (CRI)	80	EyeComfort	No
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Data	
Operating and Electrical		Order product name	ESS LEDBulb 19W E27 3000K A80 1CT/12 CN
Line Frequency	50 to 60 Hz	Full product name	ESS LEDBulb 19W E27 3000K A80 1CT/12 CN
Input Frequency	50 to 60 Hz	Full product code	694793915886700
Power Consumption	19 W		
Lamp Current (Nom)	170 mA		

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Order code	929002004009
Material Nr. (12NC)	929002004009
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6947939158867

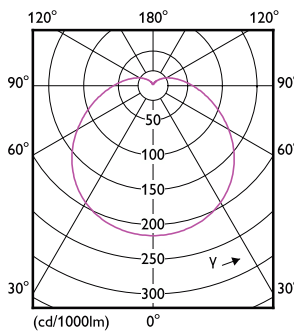
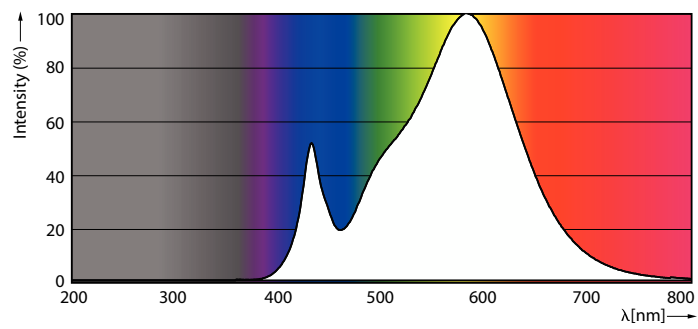
Numerator - Packs per outer box	12
EAN/UPC - Case	6947939158874

## Dimensional drawing



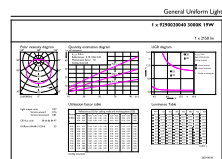
Product	D	C
ESS LEDBulb 19W E27 3000K A80 1CT/12 CN	80 mm	155 mm

## Photometric data



Spectral Power Distribution Colour - ESS LEDBulb 19W E27 3000K A80 1CT/12 CN

Light Distribution Diagram - ESS LEDBulb 19W E27 3000K A80 1CT/12 CN

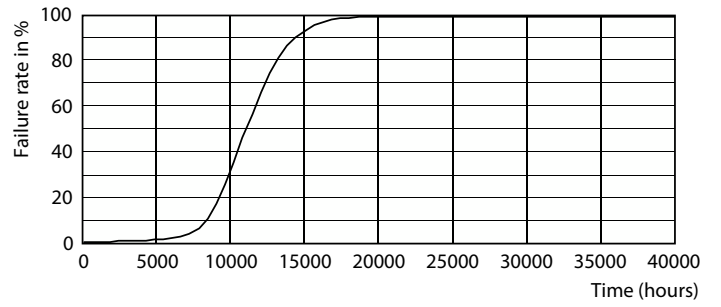
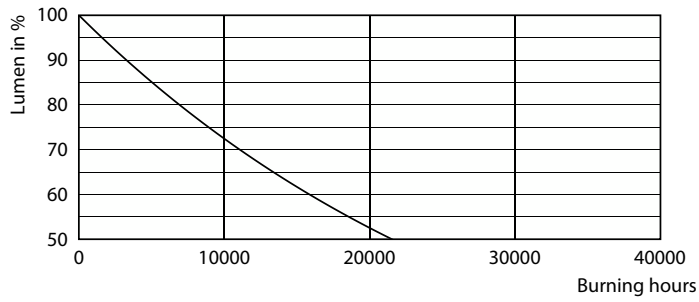


OSRAM Powerline LED | Philips Lighting BV | Page 1/1

General uniform lighting - ESS LEDBulb 19W E27 3000K A80 1CT/12 CN

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## Lifetime



Lumen Maintenance Diagram - ESS LEDBulb 19W E27 3000K A80 1CT/12 CN

Life Expectancy Diagram

