



# Essential LED

## ESS LED 9W E27 2700K 230V R80

Essential LED is an affordable LED spot lamp that is suitable for replacing halogen spot lamps. It provides a natural lighting effect as well as instant energy savings – an environmentally friendly solution. The Philips Essential LED family is designed for spot and general lighting applications in the hospitality, retail and home segments.

### Product data

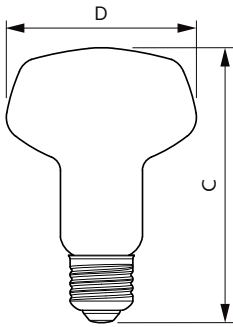
General Information		Warm-up time to 60% light	
Cap-Base	E27 [E27]		0.5 s
Nominal lifetime	15,000 hour(s)	Power Factor (Fraction)	0.5
Switching Cycle	50,000	Voltage (Nom)	220–240 V
Lighting Technology	LED		
Light Technical		Temperature	
Color Code	827 [CCT of 2700K]	T-Case Maximum (Nom)	72 °C
Beam Angle (Nom)	120 degree(s)		
Luminous Flux	880 lumen	Controls and Dimming	
Color Designation	Warm White (WW)	Dimmable	No
Correlated Color Temperature (Nom)	2700 K		
Luminous Efficacy (rated) (Nom)	97.00 lm/W	Mechanical and Housing	
Color Consistency	<6	Bulb Shape	R80 [R 80mm]
Color rendering index (CRI)	80		
LLMF At End Of Nominal Lifetime (Nom)	0.7 %	Approval and Application	
		Suitable For Accent Lighting	No
		Energy Consumption kWh/1000 h	9 kWh
		EU RoHS compliant	Yes
Operating and Electrical		Product Data	
Line Frequency	50 to 60 Hz	Full product code	871869679817100
Input Frequency	50 to 60 Hz	Order product name	ESS LED 9W E27 2700K 230V R80
Lamp Current (Nom)	65 mA	Order code	929001857908
Wattage Equivalent	80 W	Numerator - Quantity Per Pack	1
Starting Time (Nom)	0.5 s		

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Numerator - Packs per outer box	12
Material number (12NC)	929001857908
Full product name	ESS LED 9W E27 2700K 230V R80

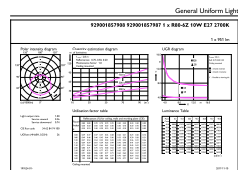
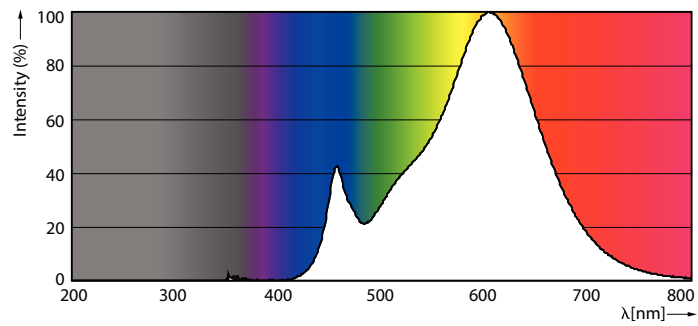
EAN/UPC - Case	8718696798188
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## Dimensional drawing



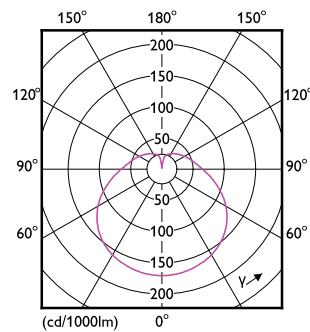
Product	D	C
ESS LED 9W E27 2700K 230V R80	80 mm	115 mm

## Photometric data



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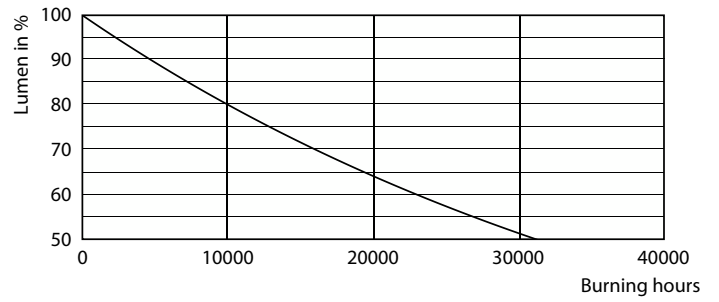
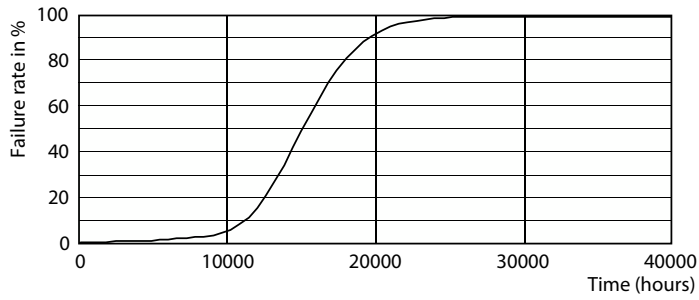
Spectral Power Distribution Colour - ESS LED 9W E27 2700K 230V R80



Light Distribution Diagram - ESS LED 9W E27 2700K 230V R80

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## Lifetime



Life Expectancy Diagram - ESS LED 9W E27 2700K 230V R80

Lumen Maintenance Diagram - ESS LED 9W E27 2700K 230V R80

