



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	
Cap-Base	E27 [E27]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	880 lumen
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	97.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	0.7 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	9 W
Lamp Current (Nom)	65 mA
Wattage Equivalent	80 W

Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V

Temperature	
T-Case Maximum (Nom)	72 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Shape	R80 [R 80mm]

Approval and Application	
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	9 kWh
EU RoHS compliant	Yes

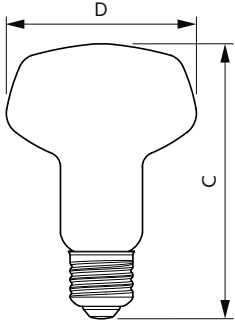
Product Data	
Full product code	871869679817100
Order product name	ESS LED 9W E27 2700K 230V R80
Order code	79817100

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Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material number (12NC)	929001857908
Full product name	ESS LED 9W E27 2700K 230V R80

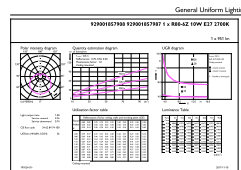
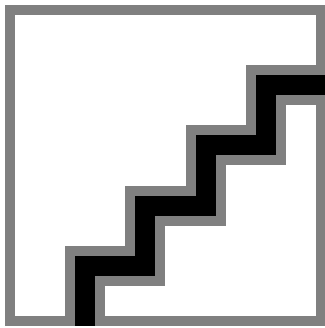
EAN/UPC - Case	8718696798188
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Dimensional drawing



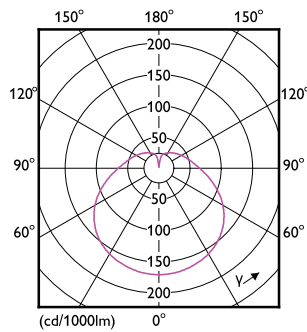
Product	D	C
ESS LED 9W E27 2700K 230V R80	80 mm	115 mm

Photometric data



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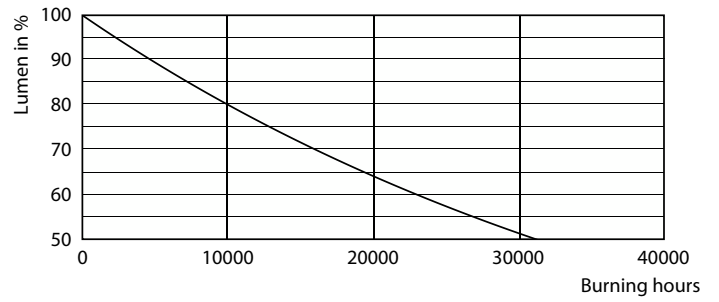
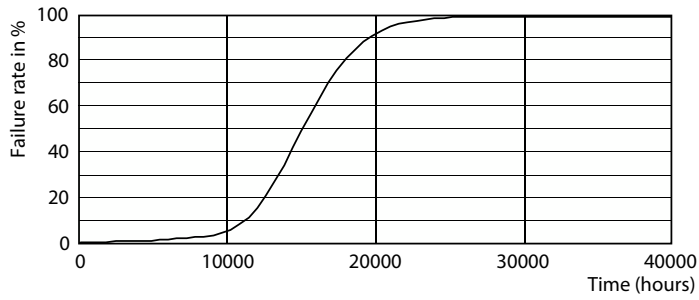
Spectral Power Distribution Colour - ESS LED 9W E27 2700K 230V R80



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

Essential LED

Lifetime



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

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

