



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

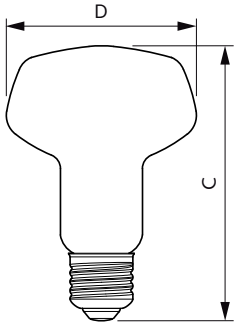
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220–240 V
Temperature	
T-Case Maximum (Nom)	72 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	R80 [R 80mm]
Approval and Application	
Suitable For Accent Lighting	No
Energy Consumption 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	929001857908

Essential LED

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

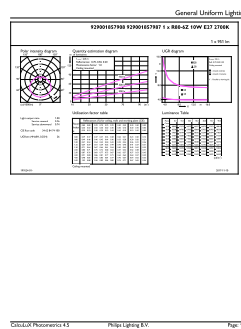
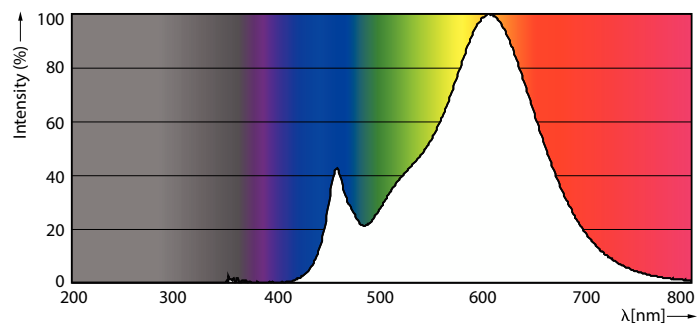
EAN/UPC - Case	8718696798188
----------------	---------------

Dimensional drawing



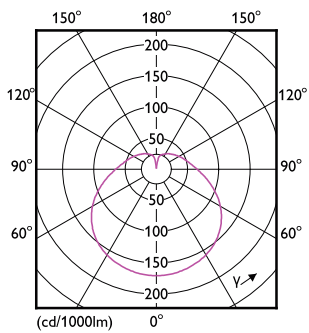
Product	D	C
ESS LED 9W E27 2700K 230V R80	80 mm	115 mm

Photometric data



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

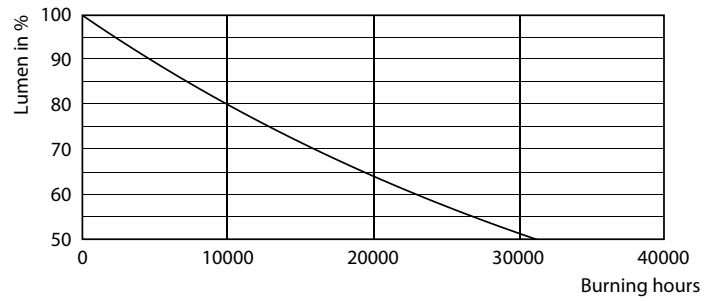
Accent Lighting Spots - ESS LED 9W E27 2700K 230V R80



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

