



Essential LED

ESS LED 9W E27 6500K 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
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	950 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	105.00 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

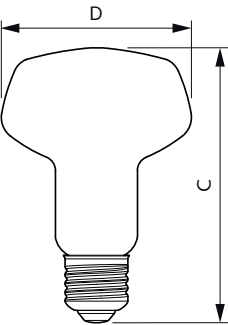
Wattage Equivalent	80 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	72 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	R80
Approval and Application	
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	9 kWh
Product Data	
Order product name	ESS LED 9W E27 6500K 230V R80
Full product name	ESS LED 9W E27 6500K 230V R80
Full product code	871869679821800

Essential LED

Order code	929001858108
Material Nr. (12NC)	929001858108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696798218

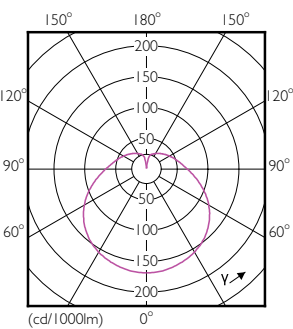
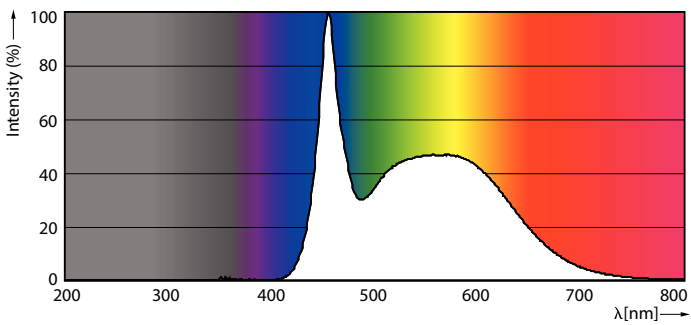
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696798225

Dimensional drawing



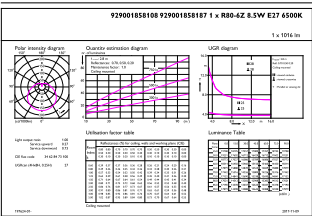
Product	D	C
ESS LED 9W E27 6500K 230V R80	80 mm	115 mm

Photometric data



Spectral Power Distribution Colour – ESS LED 9W E27 6500K 230V R80

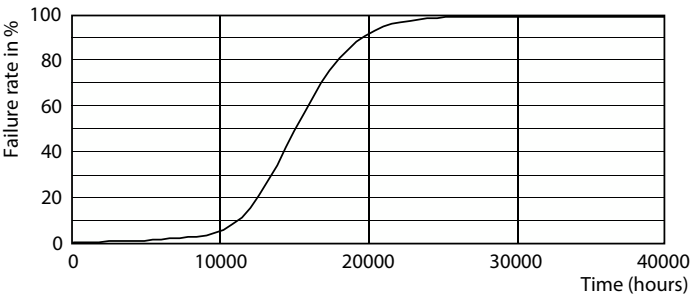
Light Distribution Diagram – ESS LED 9W E27 6500K 230V R80



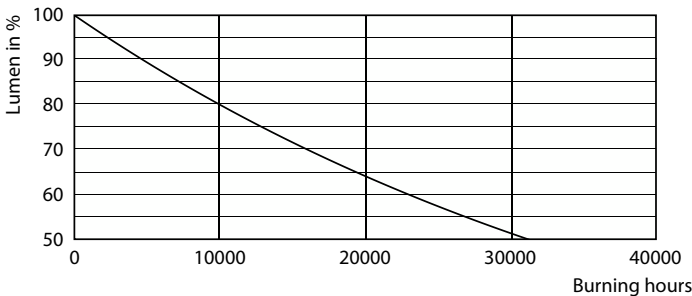
General Uniform Lighting

Accent Lighting Spots – ESS LED 9W E27 6500K 230V R80

Lifetime



Life Expectancy Diagram - ESS LED 9W E27 6500K 230V R80



Lumen Maintenance Diagram - ESS LED 9W E27 6500K 230V R80

