



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

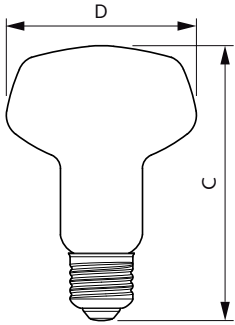
General Information	
Cap base	E27 [E27]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	15000 h
Switching cycle	50,000X
Technical type	9-80W
Light Technical	
Colour Code	865 [CCT of 6,500 K]
Beam Angle (Nom)	120 °
Luminous flux (nom.)	950 lm
Colour designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Luminous efficacy (rated) (nom.)	105.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	0.7 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	9 W
Lamp current (nom.)	65 mA
Wattage equivalent	80 W

Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case maximum (nom.)	72 °C
Controls and Dimming	
Dimmable	No
Approval and Application	
Energy efficiency label (EEL)	A+
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	9 kWh
Product Data	
Full product code	871869679821800
Order product name	ESS LED 9W E27 6500K 230V R80
EAN/UPC – product	8718696798218
Order code	79821800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12

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SAP material	929001858108
SAP net weight (piece)	0.036 kg

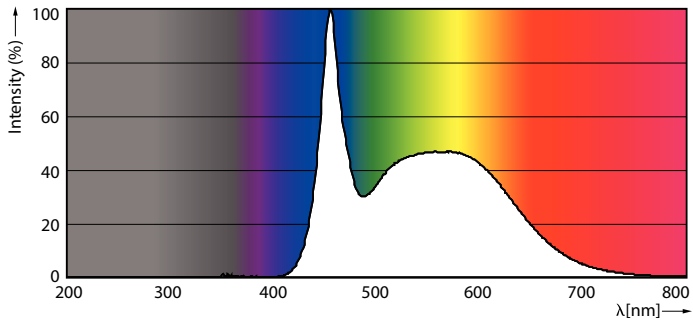
Dimensional drawing



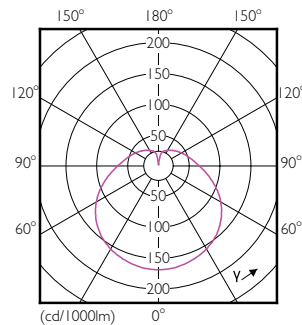
R80 220-240V 8.5W 950lm 6500K E27 ND

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

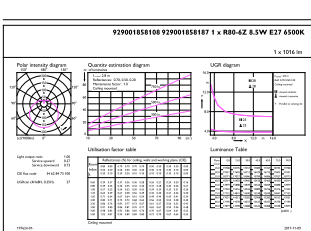
Photometric data



LEDspot ESS 10W E27 R80 865 12D ND RCA



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General Uniform Lighting

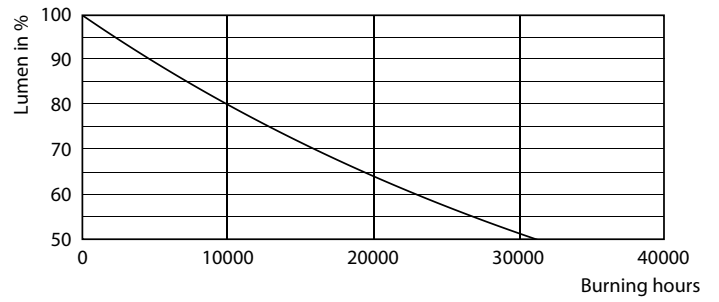
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Lifetime



LEDspot ESS 4W E14 R50 827 12D ND RCA



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