



Essential LED

ESS LED 7W E27 6500K 230V R63

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	720 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	102.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	7 W

55 mA

Wattage Equivalent	70 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)	68 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	R63
Approval and Application	
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	7 kWh
Product Data	
Order product name	ESS LED 7W E27 6500K 230V R63
Full product name	ESS LED 7W E27 6500K 230V R63
Full product code	871869679815700

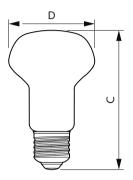
Lamp Current (Nom)

Essential LED

Order code	929001857808
Material Nr. (12NC)	929001857808
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696798157

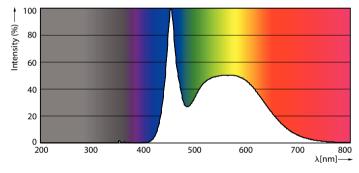
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696798164

Dimensional drawing



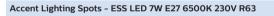
Product	D	с
ESS LED 7W E27 6500K 230V R63	63 mm	102 mm

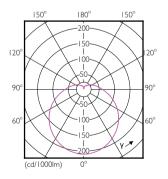
Photometric data



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Spectral Power Distribution Colour - ESS LED 7W E27 6500K 230V R63

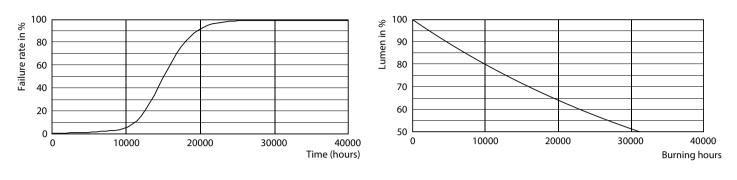




Light Distribution Diagram - ESS LED 7W E27 6500K 230V R63

Essential LED

Lifetime



Life Expectancy Diagram - ESS LED 7W E27 6500K 230V R63

Lumen Maintenance Diagram - ESS LED 7W E27 6500K 230V R63



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