



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
Lamp Current (Nom)	55 mA

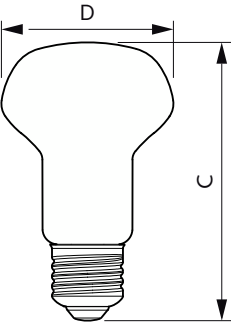
Wattage Equivalent	70 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220–240 V
Temperature	
T-Case Maximum (Nom)	68 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	R63
Approval and Application	
Suitable For Accent Lighting	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

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Order code	79815700
Material Nr. (12NC)	929001857808
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696798157

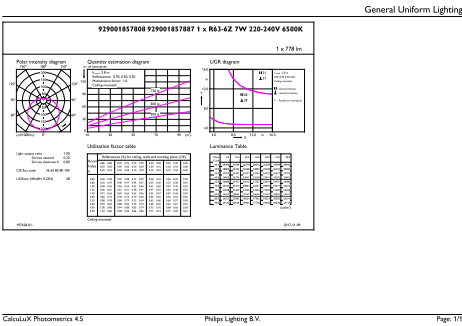
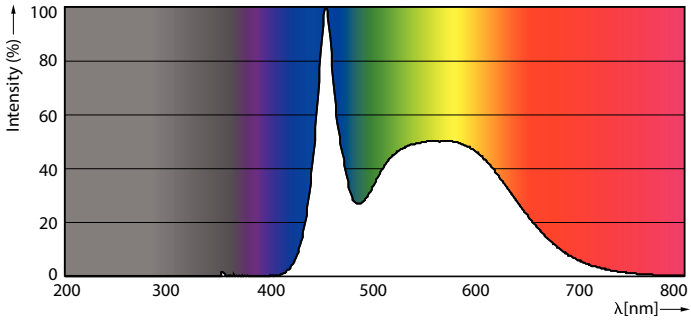
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696798164

Dimensional drawing



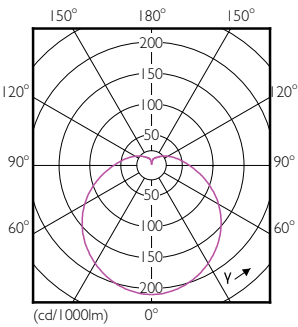
Product	D	C
ESS LED 7W E27 6500K 230V R63	63 mm	102 mm

Photometric data



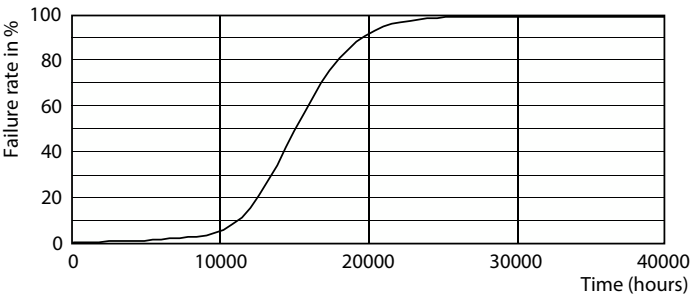
Spectral Power Distribution Colour - ESS LED 7W E27 6500K 230V R63

Accent Lighting Spots - ESS LED 7W E27 6500K 230V R63

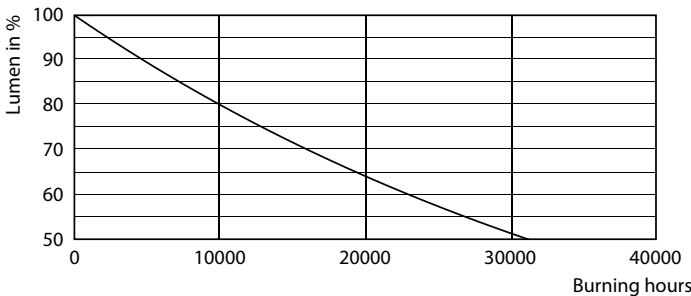


Light Distribution Diagram - ESS LED 7W E27 6500K 230V R63

Lifetime



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



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

