



Essential LED

ESS LED 7W E27 2700K 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

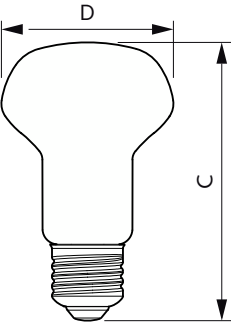
General Information		Wattage Equivalent	
Cap-Base	E27		70 W
Nominal lifetime	15,000 hour(s)	Starting Time (Nom)	0.5 s
Switching Cycle	50,000	Warm-up time to 60% light	0.5 s
Lighting Technology	LED	Power Factor (Fraction)	0.5
EU RoHS compliant	Yes	Voltage (Nom)	220-240 V
Light Technical		Temperature	
Color Code	827 [CCT of 2700K]	T-Case Maximum (Nom)	68 °C
Beam Angle (Nom)	120 degree(s)	Controls and Dimming	
Luminous Flux	680 lm	Dimmable	No
Color Designation	Warm White (WW)	Mechanical and Housing	
Correlated Color Temperature (Nom)	2700 K	Bulb Shape	R63
Luminous Efficacy (rated) (Nom)	97.00 lm/W	Approval and Application	
Color Consistency	<6	Suitable For Accent Lighting	No
Color rendering index (CRI)	80	Energy Consumption kWh/1000 h	7 kWh
LLMF At End Of Nominal Lifetime (Nom)	70 %	Product Data	
Operating and Electrical		Order product name	ESS LED 7W E27 2700K 230V R63
Line Frequency	50 to 60 Hz	Full product name	ESS LED 7W E27 2700K 230V R63
Input Frequency	50 to 60 Hz	Full product code	871869679879900
Power Consumption	7 W		
Lamp Current (Nom)	55 mA		

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Order code	929001857608
Material Nr. (12NC)	929001857608
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696798799

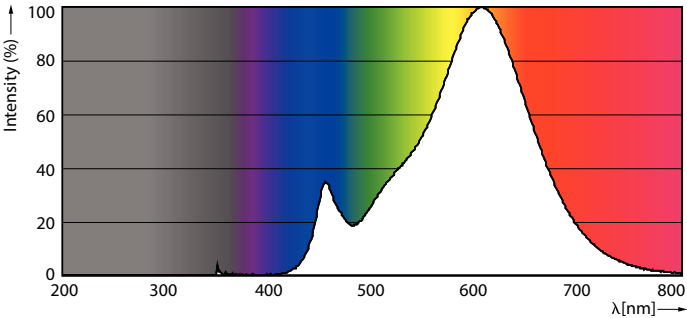
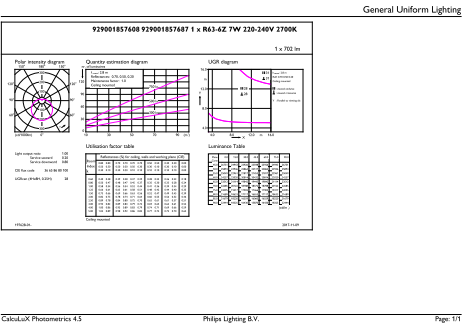
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696798805

Dimensional drawing



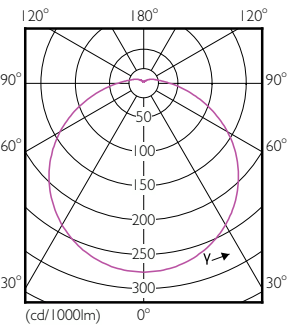
Product	D	C
ESS LED 7W E27 2700K 230V R63	63 mm	102 mm

Photometric data



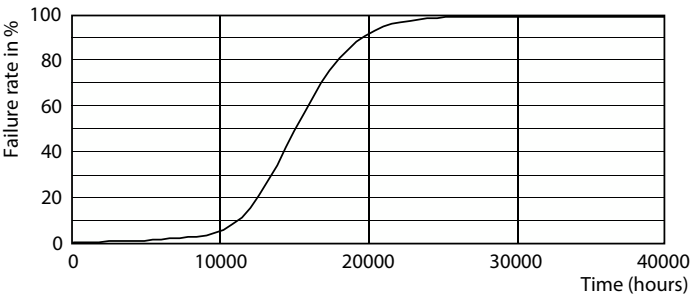
Accent Lighting Spots - ESS LED 7W E27 2700K 230V R63

Spectral Power Distribution Colour - ESS LED 7W E27 2700K 230V R63

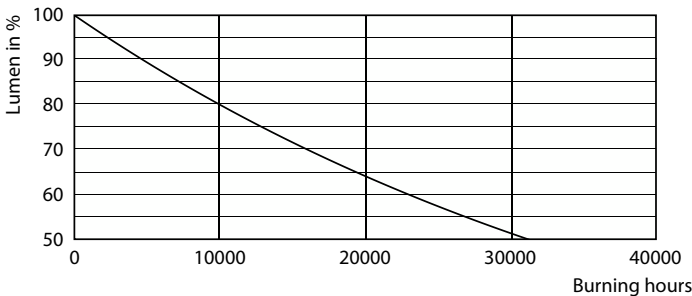


Light Distribution Diagram - ESS LED 7W E27 2700K 230V R63

Lifetime



Life Expectancy Diagram - ESS LED 7W E27 2700K 230V R63



Lumen Maintenance Diagram - ESS LED 7W E27 2700K 230V R63

