Essential LED

LED Spot 10W E27 2700K 230V R80 RCA

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]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical

Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	880 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	88.00 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	10 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 [R 80mm]

Approval and Application

Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	10 kWh

Product Data

Order product name	LED Spot 10W E27 2700K 230V R80 RCA
Full product name	LED Spot 10W E27 2700K 230V R80 RCA
Full product code	871869679807200

Essential LED

Order code	929001857987	**Numerator – Packs per outer box**	12
Material Nr. (12NC)	929001857987	**EAN/UPC – Case**	8718696798089
Numerator – Quantity Per Pack	1		
EAN/UPC – Product/Case	8718696798072		

Dimensional drawing
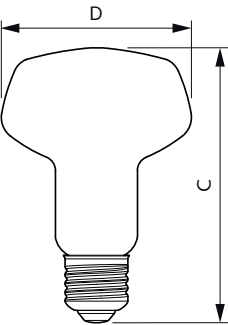
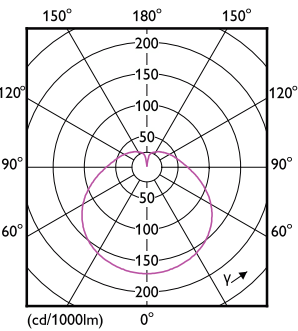| Product	D	C
LED Spot 10W E27 2700K 230V R80 RCA	80 mm	115 mm

Photometric data
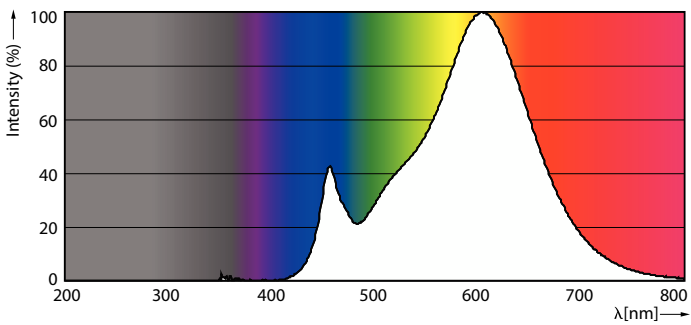
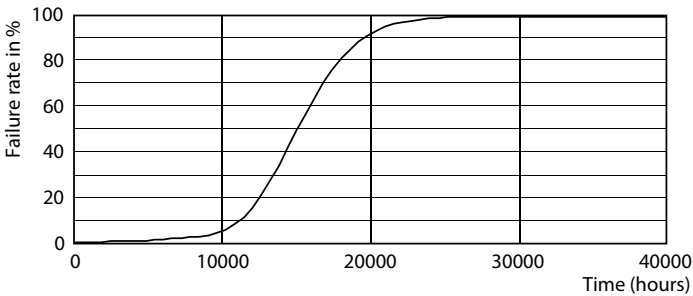**Spectral Power Distribution Colour – LED Spot 10W E27 2700K 230V R80 RCA**
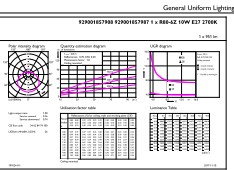
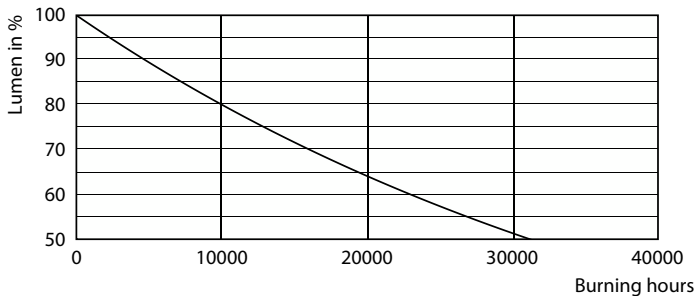**Accent Lighting Spots – LED Spot 10W E27 2700K 230V R80 RCA**

Light Distribution Diagram – LED Spot 10W E27 2700K 230V R80 RCA

Lifetime

Life Expectancy Diagram – LED Spot 10W E27 2700K 230V R80 RCA

Lumen Maintenance Diagram – LED Spot 10W E27 2700K 230V R80 RCA