

# Essential LED

## LED Spot 7W E27 4000K 230V R63 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	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	720 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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 [R 63mm]

Approval and Application	
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	7 kWh

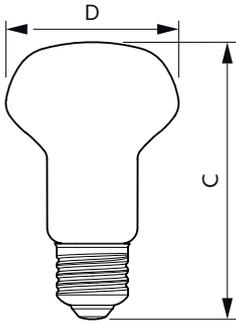
Product Data	
Order product name	LED Spot 7W E27 4000K 230V R63 RCA
Full product name	LED Spot 7W E27 4000K 230V R63 RCA
Full product code	871869679803400

# Essential LED

Order code	929001857787
Material Nr. (12NC)	929001857787
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696798034

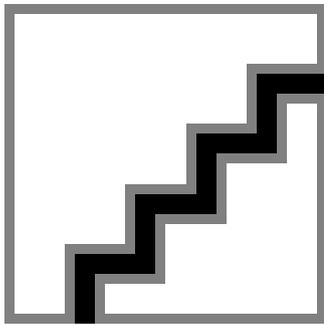
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696798041

## Dimensional drawing

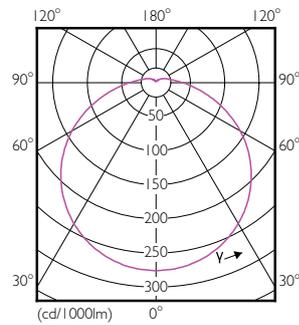


Product	D	C
LED Spot 7W E27 4000K 230V R63 RCA	63 mm	102 mm

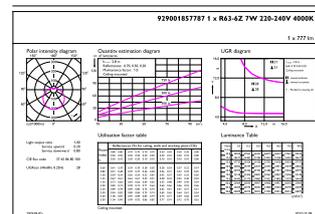
## Photometric data



Spectral Power Distribution Colour - LED Spot 7W E27 4000K 230V R63 RCA



Light Distribution Diagram - LED Spot 7W E27 4000K 230V R63 RCA



General Uniform Lighting

CalcUX Photonics 4.5

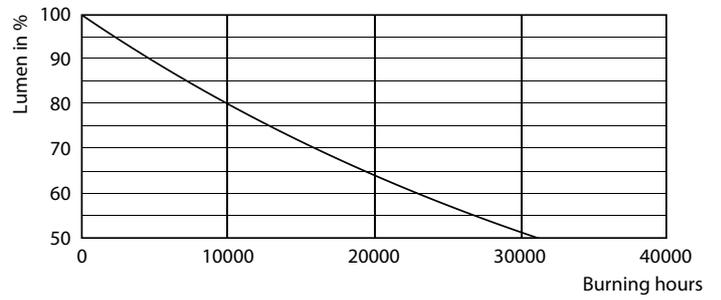
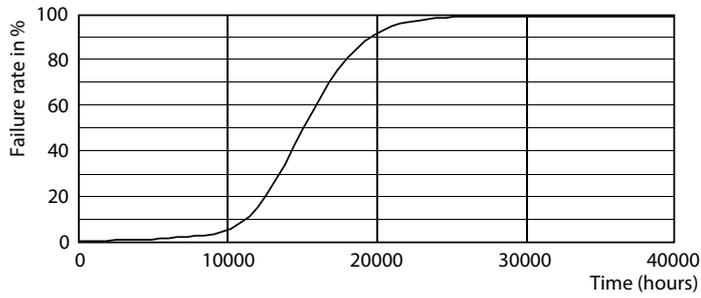
Philips Lighting B.V.

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Accent Lighting Spots - LED Spot 7W E27 4000K 230V R63 RCA

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## Lifetime



Life Expectancy Diagram - LED Spot 7W E27 4000K 230V R63 RCA

Lumen Maintenance Diagram - LED Spot 7W E27 4000K 230V R63 RCA

