



# Essential LED

## LED Spot 4W E14 6500K 230V R50 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

<b>General Information</b>	
Cap-Base	E14 [E14]
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

<b>Light Technical</b>	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	400 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

<b>Operating and Electrical</b>	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4 W
Lamp Current (Nom)	35 mA

Wattage Equivalent	50 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.4
Voltage (Nom)	220-240 V

<b>Temperature</b>	
T-Case Maximum (Nom)	65 °C

<b>Controls and Dimming</b>	
Dimmable	No

<b>Mechanical and Housing</b>	
Bulb Shape	R50 [R 50mm]

<b>Approval and Application</b>	
Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	4 kWh

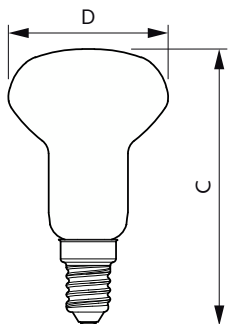
<b>Product Data</b>	
Order product name	LED Spot 4W E14 6500K 230V R50 RCA
Full product name	LED Spot 4W E14 6500K 230V R50 RCA
Full product code	871869679797600

## Essential LED

Order code	929001857587
Material Nr. (12NC)	929001857587
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696797976

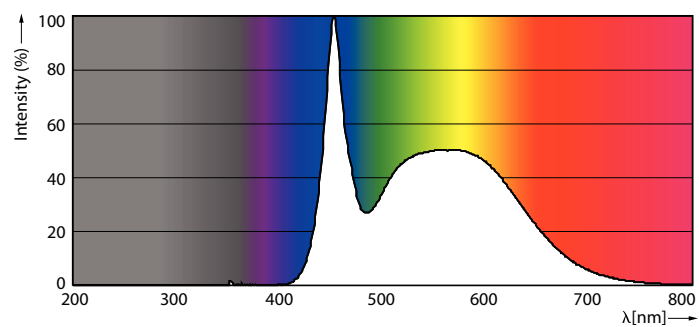
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696797983

## Dimensional drawing

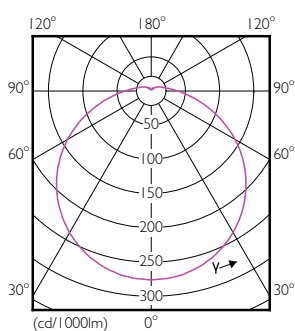


Product	D	C
LED Spot 4W E14 6500K 230V R50 RCA	50 mm	86 mm

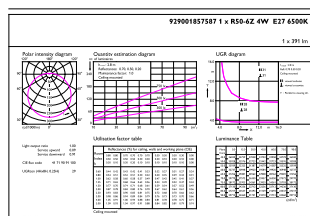
## Photometric data



Spectral Power Distribution Colour - LED Spot 4W E14 6500K 230V R50  
RCA



**Light Distribution Diagram - LED Spot 4W E14 6500K 230V R50 RCA**



### General Uniform Lighting

CalcuLUX Photometrics 4.5

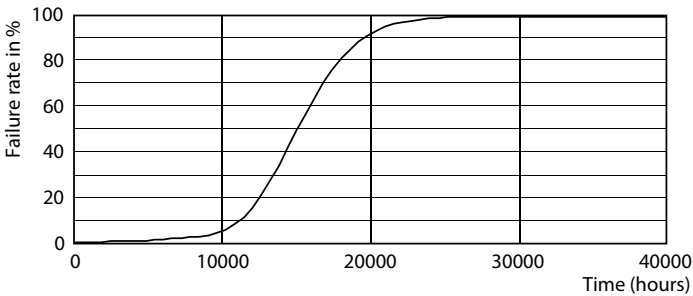
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Philips Lighting B.V.

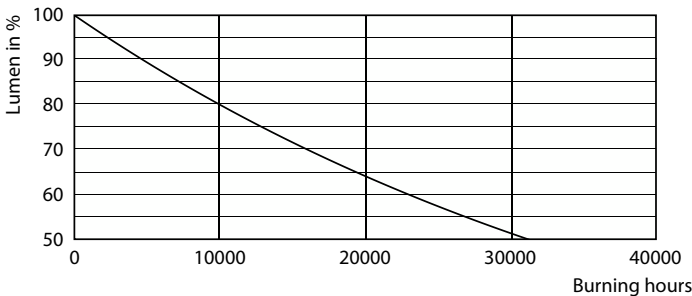
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**Accent Lighting Spots - LED Spot 4W E14 6500K 230V R50 RCA**

Lifetime



Life Expectancy Diagram - LED Spot 4W E14 6500K 230V R50 RCA



Lumen Maintenance Diagram - LED Spot 4W E14 6500K 230V R50 RCA

