



Essential LED

LED Spot 4W E14 2700K 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

General Information	
Cap-Base	E14 [E14]
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	350 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	87.00 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	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	
Temperature		
T-Case Maximum (Nom)	65 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Shape	R50 [R 50mm]	
Approval and Application		
Suitable For Accent Lighting	No	
Energy Consumption kWh/1000 h	4 kWh	
Product Data		
Order product name	LED Spot 4W E14 2700K 230V R50 RCA	
Full product name	LED Spot 4W E14 2700K 230V R50 RCA	
Full product code	871869679789100	

Datasheet, 2023, November 15 data subject to change

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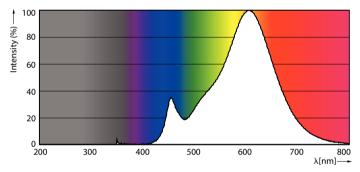
Order code	929001857387
Material Nr. (12NC)	929001857387
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696797891

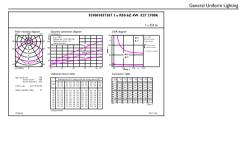
Numerator - Packs per outer box	12
EAN/UPC - Case	8718696797907

Dimensional drawing

Product	D	С
LED Spot 4W E14 2700K 230V R50 RCA	50 mm	86 mm

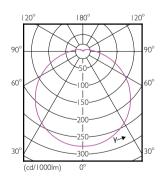
Photometric data





Spectral Power Distribution Colour - LED Spot 4W E14 2700K 230V R50 RCA

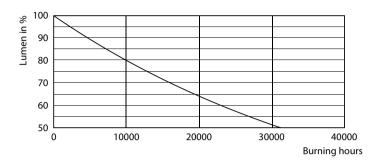




Light Distribution Diagram - LED Spot 4W E14 2700K 230V R50 RCA

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Lifetime



Life Expectancy Diagram - LED Spot 4W E14 2700K 230V R50 RCA

Lumen Maintenance Diagram - LED Spot 4W E14 2700K 230V R50 RCA



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