PHILIPS Lighting



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		

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Order code	929001857987
Material Nr. (12NC)	929001857987
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696798072

Numerator - Packs per outer box	12
EAN/UPC - Case	8718696798089

Dimensional drawing



Product	D	с
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

Essential LED

Lifetime



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

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



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