



Essential LED

ESS LED 4W E14 6500K 230V R50

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	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 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	4 W

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 ℃	
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	ESS LED 4W E14 6500K 230V R50	
Full product name	ESS LED 4W E14 6500K 230V R50	
Full product code	871869681915900	

Lamp Current (Nom)

Essential LED

Order code	929001857508	
Material Nr. (12NC)	929001857508	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696819159	

Numerator - Packs per outer box	12	
EAN/UPC - Case	8718696819166	

Dimensional drawing



Product	D	С
ESS LED 4W E14 6500K 230V R50	50 mm	86 mm

Photometric data



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



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Accent Lighting Spots - ESS LED 4W E14 6500K 230V R50



Light Distribution Diagram - ESS LED 4W E14 6500K 230V R50

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Lifetime



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

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



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