



# **Essential LED**

# ESS LED 7W E27 6500K 230V R63

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]	
EU RoHS compliant	Yes	
Nominal lifetime (nom.)	15000 h	
Switching cycle	50000X	
Technical type	7-70W	
Light Technical		
Colour code	865 [ CCT of 6,500 K]	
Beam Angle (Nom)	120 °	
Luminous flux (nom.)	720 lm	
Colour designation	Cool Daylight	
Correlated Colour Temperature (Nom)	6500 K	
Luminous efficacy (rated) (nom.)	102.00 lm/W	
Colour consistency	<6	
Color rendering index (nom.)	80	
LLMF at end of nominal lifetime (nom.)	70 %	
Operating and Electrical		
Input frequency	50 to 60 Hz	
Power (Rated) (Nom)	7 W	
Lamp current (nom.)	55 mA	

70 W

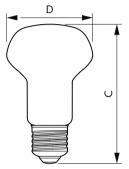
Starting time (nom.)	0.5 s	
Warm-up time to 60% light (nom.)	0.5 s	
Power factor (nom.)	0.5	
Voltage (Nom)	220-240 V	
Temperature		
T-Case maximum (nom.)	68 °C	
Controls and Dimming		
Dimmable	No	
Approval and Application		
Energy efficiency label (EEL)	A+	
Suitable for accent lighting	No	
Energy Consumption kWh/1000 h	7 kWh	
Product Data		
Full product code	871869679815700	
Order product name	ESS LED 7W E27 6500K 230V R63	
EAN/UPC – product	8718696798157	
Order code	79815700	
Numerator – quantity per pack	1	
Numerator – packs per outer box	12	

Wattage equivalent

## **Essential LED**

Material no. (12NC)	929001857808
Net weight (piece)	0.034 kg

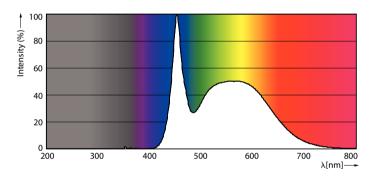
#### Dimensional drawing



Product	D	с
ESS LED 7W E27 6500K 230V R63	63 mm	102 mm

R63 220-240V 7W 720lm 6500K E27 ND

#### Photometric data

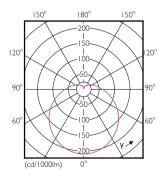


	929001857808 929001857883	1 x R63-6Z 7W 220-240V 6500K	
		1 x 778 im	
Polar intensity diagram	Quantity estimation degram	UGR degram	
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LEDspot ESS 4-7W E14-27 R50-63 865 12D ND RCA



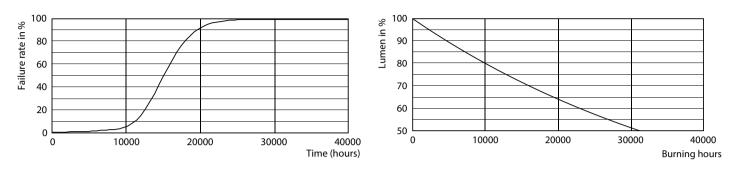
LEDspot ESS 7W E27 R63 865 12D ND RCA

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CalculuX Photometrics 45

### **Essential LED**

#### Lifetime



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