



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	50,000X
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
Colour 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
Wattage equivalent	70 W

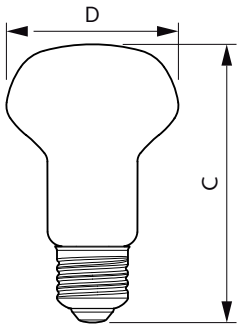
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case maximum (nom.)	68 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb shape	R63
Approval and Application	
Suitable for accent lighting	No
Energy consumption kWh/1,000 hours	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

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SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	929001857808

SAP net weight (piece)	0.034 kg
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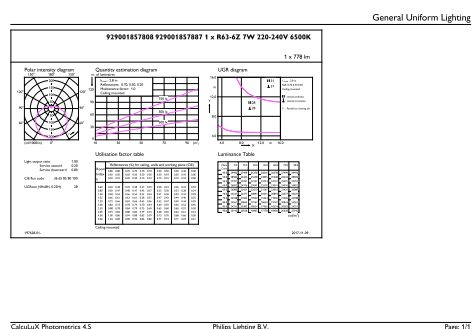
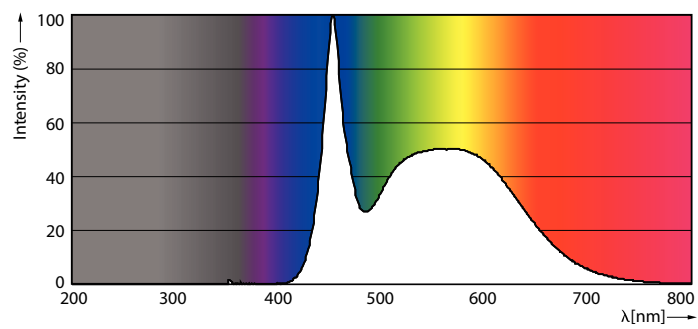
Dimensional drawing



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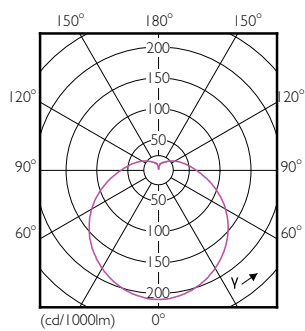
Product	D	C
ESS LED 7W E27 6500K 230V R63	63 mm	102 mm

Photometric data



LEDspot ESS 4-7W E14-27 R50-63 865 12D ND RCA

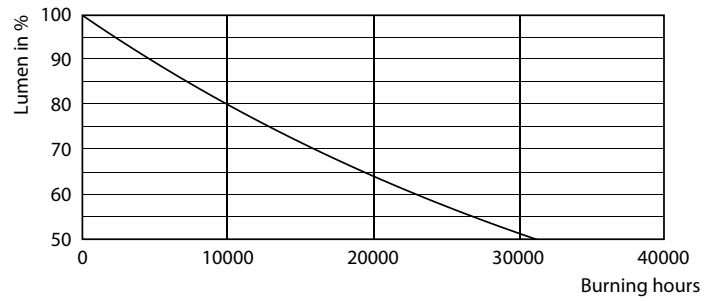
LEDspot ESS 7W E27 R63 865 12D ND RCA



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Lifetime



LEDspot ESS 4W E14 R50 827 12D ND RCA

LEDspot ESS 4W E14 R50 827 12D ND RCA

