



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 |
| Lamp Current (Nom) | 35 mA |

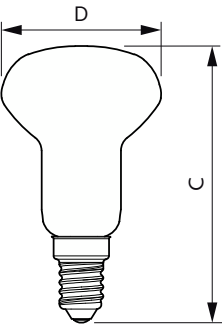
| Wattage Equivalent | 50 W |
|-------------------------------|-------------------------------|
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.4 |
| Voltage (Nom) | 220-240 V |
| Temperature | |
| T-Case Maximum (Nom) | 65 °C |
| Controls and Dimming | |
| 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 | ESS LED 4W E14 6500K 230V R50 |
| Full product name | ESS LED 4W E14 6500K 230V R50 |
| Full product code | 871869681915900 |

Essential LED

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

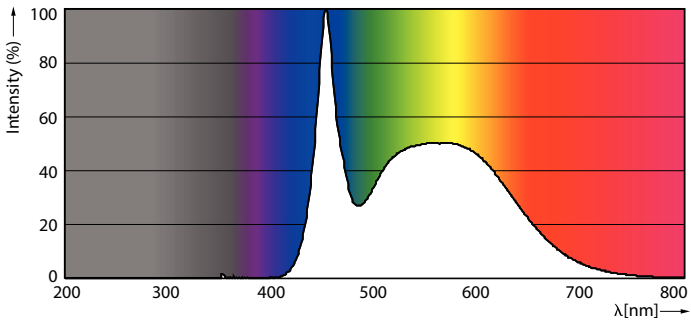
| | |
|---------------------------------|---------------|
| Numerator - Packs per outer box | 12 |
| EAN/UPC - Case | 8718696819166 |

Dimensional drawing

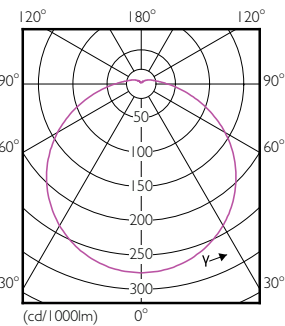


| Product | D | C |
|-------------------------------|-------|-------|
| ESS LED 4W E14 6500K 230V R50 | 50 mm | 86 mm |

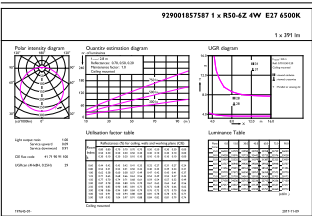
Photometric data



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

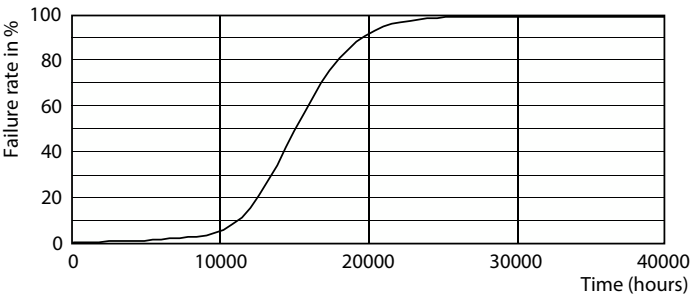


Light Distribution Diagram - ESS LED 4W E14 6500K 230V R50



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

Lifetime



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

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

