



# 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]            |
| RoHS mark                              | RoHS mark             |
| 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                |
| Luminous flux (rated) (nom.)           | 720 lm                |
| Colour designation                     | Cool Daylight         |
| Rated beam angle                       | 120 °                 |
| 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                   |

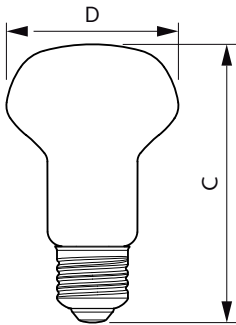
| Lamp current (nom.)              | 55 mA                         |
|----------------------------------|-------------------------------|
| Wattage equivalent               | 70 W                          |
| Starting time (nom.)             | 0.5 s                         |
| Warm-up time to 60% light (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                            |
| 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                      |

# Essential LED

|                                 |              |
|---------------------------------|--------------|
| Numerator – quantity per pack   | 1            |
| Numerator – packs per outer box | 12           |
| Material no. (12NC)             | 929001857808 |

|                    |          |
|--------------------|----------|
| Net weight (piece) | 0.034 kg |
|--------------------|----------|

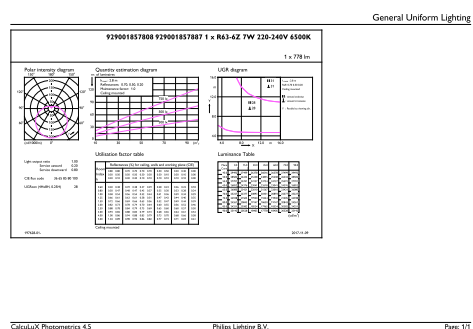
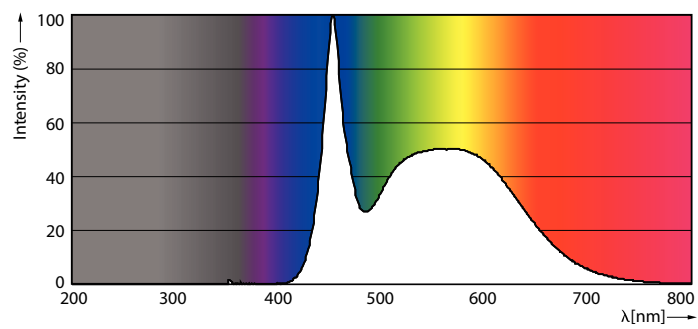
## Dimensional drawing



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

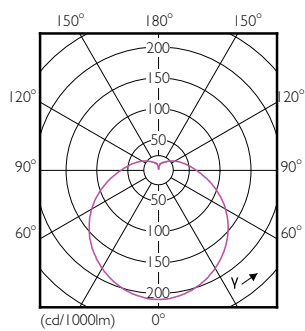
| Product                       | D     | C      |
|-------------------------------|-------|--------|
| ESS LED 7W E27 6500K 230V R63 | 63 mm | 102 mm |

## Photometric data



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

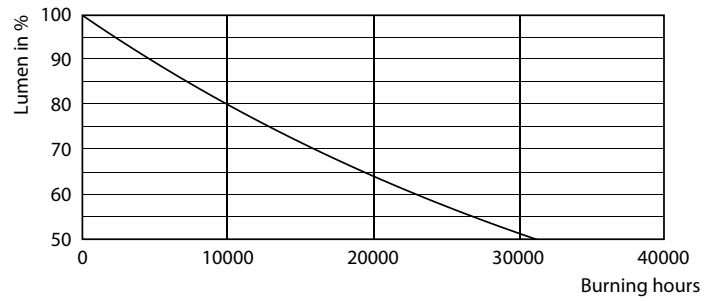
LEDspot ESS 7W E27 R63 865 12D ND RCA



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

