



Essential LED



ESS LEDBulb 13-100W E27 6500K 1CT/12 TR

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 |
| Flux measurement reference | Sphere |
| Light technical | |
| Color Code | 865 [CCT of 6500K] |
| Beam Angle (Nom) | 150 ° |
| Luminous Flux (Nom) | 1521 lm |
| Color Designation | Cool Daylight |
| Correlated Color Temperature (Nom) | 6500 K |
| Luminous Efficacy (rated) (Nom) | 117.00 lm/W |
| Color 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 (Nom) | 13 W |
| Lamp Current (Nom) | 105 mA |
| Wattage Equivalent | 100 W |

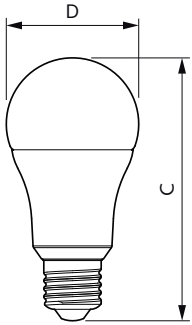
| Starting Time (Nom) | 0.5 s |
|---------------------------------|---|
| Warm Up Time to 60% Light (Nom) | 0.5 s |
| Power Factor (Nom) | 0.51 |
| Voltage (Nom) | 220-240 V |
| Temperature | |
| T-Case Maximum (Nom) | 95 °C |
| Controls and dimming | |
| Dimmable | No |
| Mechanical and housing | |
| Bulb Finish | Frosted |
| Bulb Shape | A65 [A 65mm] |
| Approval and application | |
| Energy Efficiency Class | E |
| Energy Consumption kWh/1000 h | 13 kWh |
| EPREL Registration Number | 696293 |
| Product data | |
| Full product code | 871869677016000 |
| Order product name | ESS LEDBulb 13-100W E27 6500K 1CT/12 TR |

Essential LED

| | |
|---------------------------------|---------------|
| EAN/UPC - Product | 8718696770160 |
| Order code | 929002307068 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |

| | |
|---------------------|--------------|
| Material Nr. (12NC) | 929002307068 |
| Net Weight (Piece) | 0.050 kg |

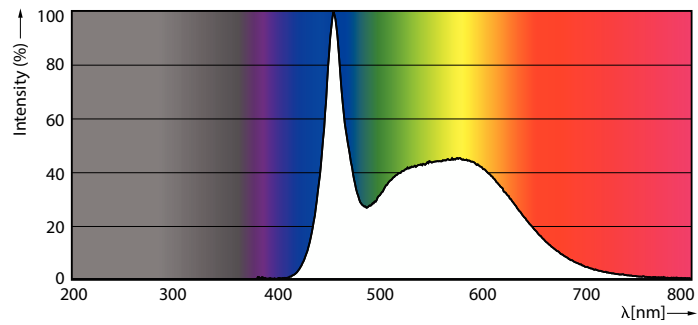
Dimensional drawing



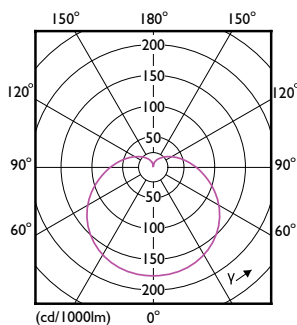
ESS LEDBulb 13-100W E27 6500K 1CT/12 TR

| Product | D | C |
|---|-------|--------|
| ESS LEDBulb 13-100W E27 6500K 1CT/12 TR | 60 mm | 120 mm |

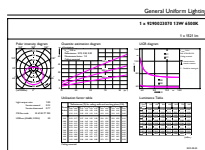
Photometric data



LEDbulb GM 1 13W A65 E27 865 FR-POC



LEDbulb GM 1 A65 13W E27 865 FR-LDD



LEDbulb GM 1 13W A65 E27 865 FR-GUL

Essential LED

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram

