# CorePro Plastic LEDcandles & lusters

## CorePro candle ND 2.8-25W E14 827 B35 FR

CorePro, LEDbulb, B35, 25 W, E14, 2700 K, 250 lm, CRI 80, 15000 hour(s), Plastic

CorePro, LEDbulb, B35, 25 W, E14, 2700 K, 250 lm, CRI 80, 15000 hour(s), Plastic, 89.00 lm/W, EEL F, PF 0.41, RG1, IP20, SVM 0.4, PstLM 1

### Product data

| General Information | |
|---|---|
| **Cap-Base** | E14 |
| **Nominal lifetime** | 15,000 hour(s) |
| **Switching Cycle** | 50,000 |
| **Lighting Technology** | LEDbulb |
| **Warranty period** | 2 years |

| Light Technical | |
|---|---|
| **Color Code** | 827 [CCT of 2700K] |
| **Luminous Flux** | 250 lm |
| **Color Designation** | Warm White (WW) |
| **Correlated Color Temperature (Nom)** | 2700 K |
| **Luminous Efficacy (rated) (Nom)** | 89.00 lm/W |
| **Color Consistency** | <6 |
| **Color rendering index (CRI)** | 80 |
| **LLMF At End Of Nominal Lifetime (Nom)** | 70 % |
| **Photobiological safety according to EN 62471** | RG1 |

| Operating and Electrical | |
|---|---|
| **Line Frequency** | 50 to 60 Hz |
| **Input Frequency** | 50 to 60 Hz |
| **Power Consumption** | 2.8 W |
| **Lamp Current (Nom)** | 28 mA |
| **Wattage Equivalent** | 25 W |
| **Starting Time (Nom)** | 0.5 s |
| **Warm-up time to 60% light** | 0.5 s |
| **Power Factor (Fraction)** | 0.41 |
| **Voltage (Nom)** | 220-240 V |

| Temperature | |
|---|---|
| **T-Case Maximum (Nom)** | 63 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | No |

| Mechanical and Housing | |
|---|---|
| **Bulb Finish** | Frosted |

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| | |
|---|---|
| **Bulb Material** | Plastic |
| **Bulb Shape** | B35 |
| **Net Weight (Piece)** | 0.040 kg |

## Approval and Application

| | |
|---|---|
| **Energy Efficiency Class** | F |
| **Energy Consumption kWh/1000 h** | 3 kWh |
| **EPREL Registration Number** | 453194 |
| **CE mark** | Yes |
| **EU RoHS compliant** | Yes |
| **EyeComfort** | Yes |
| **Flickering value (PstLM) - Flickering value as per EN 61000-3-3** | 1 |
| **Stroboscopic effect visibility measure (SVM)** | 0.4 |
| **Ambient temperature range** | -20 to +45 °C |

## Application Conditions

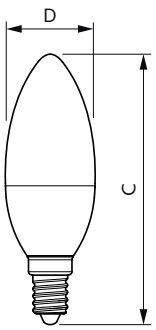
| | |
|---|---|
| **can it be used in closed luminaires** | No |

| | |
|---|---|
| **Wireless Technology** | Not applicable |

## Product Data

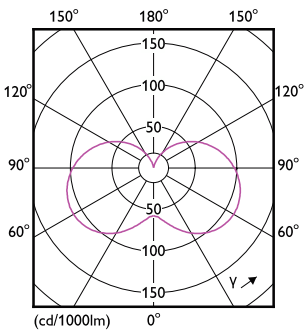
| | |
|---|---|
| **Order product name** | CorePro candle ND 2.8-25W E14 827 B35 FR |
| **Full product name** | CorePro candle ND 2.8-25W E14 827 B35 FR |
| **Full product code** | 871951431240100 |
| **Order code** | 929002966802 |
| **Material Nr. (12NC)** | 929002966802 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8719514312401 |
| **Numerator - Packs per outer box** | 10 |
| **EAN/UPC - Case** | 8719514312418 |

## Dimensional drawing

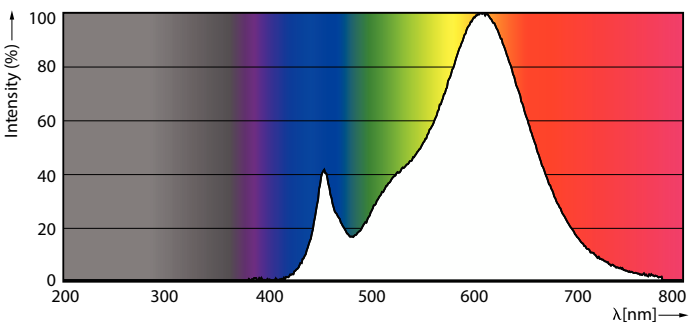



| Product | D | C |
|---|---|---|
| CorePro candle ND 2.8-25W E14 827 B35 FR | 35 mm | 106 mm |

## Photometric data




Light Distribution Diagram - CorePro candle ND 2.8-25W E14 827 B35 FR




Spectral Power Distribution Colour - CorePro candle ND 2.8-25W E14 827 B35 FR

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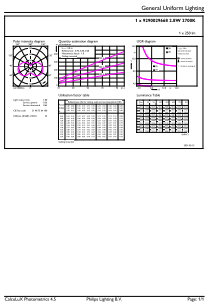
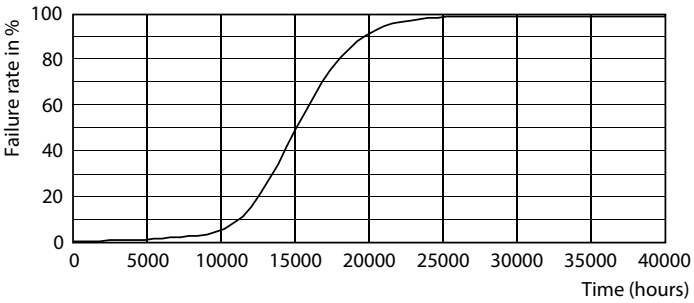
## Photometric data

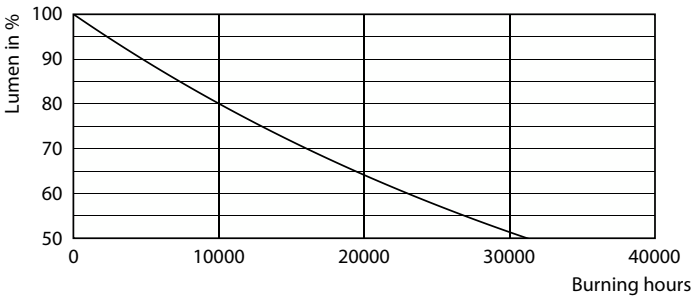


General uniform lighting - CorePro candle ND 2.8-25W E14 827 B35 FR

## Lifetime




Life Expectancy Diagram




Lumen Maintenance Diagram - CorePro candle ND 2.8-25W E14 827 B35 FR

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