



# **CorePro LEDcandle**



## Corepro Lustre ND 5-40W E27 827 P45 FR

The frosted CorePro LEDcandle is designed for retrofit replacement of incandescent lamps. It is compatible with fixtures with an E14 holder and is an attractive product for chandeliers. LEDlamps deliver huge energy savings and minimize maintenance cost.

#### **Product data**

| General Information                              |                    |  |
|--|--------------------|--|
| Cap base   | E27                |  |
| Nominal lifetime                                 | 15,000 h           |  |
| Switching Cycle                                  | 50,000             |  |
| Lighting Technology                              | LED                |  |
| Flux measurement reference                       | Sphere             |  |
|  |                    |  |
| Light Technical                                  |                    |  |
| Colour Code                                      | 827 [CCT of 2700K] |  |
| Luminous Flux                                    | 470 lm             |  |
| Luminous efficacy (rated) (nom.)                 | 94.00 lm/W         |  |
| Colour designation                               | Warm White (WW)    |  |
| Correlated Colour Temperature                    | 2700 K             |  |
| Colour consistency                               | <6                 |  |
| Colour rendering index (CRI)                     | 80                 |  |
| LLMF at end of nominal lifetime (nom.)           | 70 %               |  |
| Flickering value (PstLM)                         | 1                  |  |
| Stroboscopic effect                              | 0.4                |  |
| Photobiological safety according to EN 62471 RG1 |                    |  |
|  |                    |  |
| Operating and Electrical                         |                    |  |
| Line Frequency                                   | 50 to 60 Hz        |  |
| Input frequency                                  | 50 to 60 Hz        |  |
|  |                    |  |

| Power Consumption                  | 5 W       |
|------------------------------------|-----------|
| Lamp current (nom.)                | 44 mA     |
| Wattage equivalent                 | 40 W      |
| Starting time (nom.)               | 0.5 s     |
| Warm-up time to 60% light          | 0.5 s     |
| Power Factor (Fraction)            | 0.51      |
| Voltage (nom.)                     | 220-240 V |
|                                    |           |
| Temperature                        |           |
| T-Case maximum (nom.)              | 79 ℃      |
|                                    |           |
| Controls and Dimming               |           |
| Dimmable                           | No        |
|                                    |           |
| Mechanical and Housing             |           |
| Lamp Finish                        | Frosted   |
| Bulb shape                         | P45       |
|                                    |           |
| Approval and Application           |           |
| Energy Efficiency Class            | F         |
| Energy consumption kWh/1,000 hours | 5 kWh     |
| EPREL registration number          | 453202    |
| CE mark                            | Yes       |

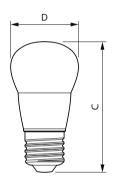
Datasheet, 2023, April 15 data subject to change

## CorePro LEDcandle

| EU RoHS compliant                   | Yes                                 |
|-------------------------------------|-------------------------------------|
| EyeComfort                          | Yes                                 |
|                                     |                                     |
| Application Conditions              |                                     |
| Can it be used in closed luminaires | No                                  |
|                                     |                                     |
| Product Data                        |                                     |
| Order product name                  | Corepro Lustre ND 5-40W E27 827 P45 |
|                                     | FR                                  |
| Full product name                   | Corepro Lustre ND 5-40W E27 827 P45 |
|                                     | FR                                  |

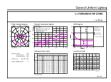
| Full EOC                        | 871951431262300 |
|---------------------------------|-----------------|
| Order code                      | 31262300        |
| Material no. (12 NC)            | 929002969402    |
| Numerator – quantity per pack   | 1               |
| Net Weight (Piece)              | 0.026 kg        |
| EAN/UPC — Product/Case          | 8719514312623   |
| Numerator – packs per outer box | 10              |
| EAN/UPC - Case                  | 8719514312630   |
|                                 |                 |

## Dimensional drawing



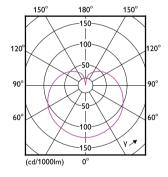
| Product                                | D     | С     |
|--|-------|-------|
| Corepro Lustre ND 5-40W E27 827 P45 FR | 45 mm | 88 mm |

### Photometric data





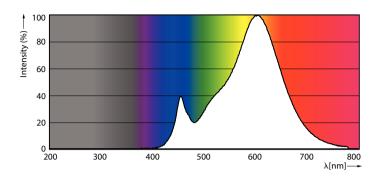
General uniform lighting - Corepro Lustre ND 5-40W E27 827 P45 FR



Light Distribution Diagram - Corepro Lustre ND 5-40W E27 827 P45 FR

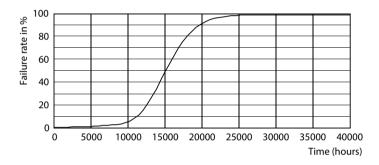
## CorePro LEDcandle

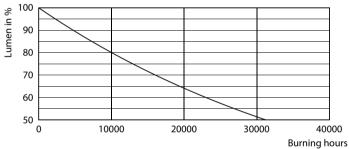
#### Photometric data



Spectral Power Distribution Colour - Corepro Lustre ND 5-40W E27 827 P45 FR

#### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram - Corepro Lustre ND 5-40W E27 827 P45 FR



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