



# CorePro Plastic LED bulbs



## CoreProLEDbulb ND 13-100W A60 E27 927

CorePro, LEDbulb, A60M, 100 W, E27, 2700 K, 1521 lm, CRI 90, 15000 hour(s), Plastic

CorePro, LEDbulb, A60M, 100 W, E27, 2700 K, 1521 lm, CRI 90, 15000 hour(s), Plastic, 117 lm/W, EEL E, PF 0.5, Beam angle 200 degree(s), RG0, IP20, SVM 0.4, PstLM 1

### Product data

| General Information                   |                    |
|---------------------------------------|--------------------|
| Cap-Base                              | E27                |
| Nominal lifetime                      | 15,000 hour(s)     |
| Switching Cycle                       | 50,000             |
| Lighting Technology                   | LEDbulb            |
| Flux measurement reference            | Sphere             |
| Warranty period                       | 2 years            |
| Light Technical                       |                    |
| Color Code                            | 927 [CCT of 2700K] |
| Beam Angle (Nom)                      | 200 degree(s)      |
| Luminous Flux                         | 1,521 lm           |
| Color Designation                     | Warm White (WW)    |
| Correlated Color Temperature (Nom)    | 2700 K             |
| Luminous Efficacy (rated) (Nom)       | 117 lm/W           |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 90                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |

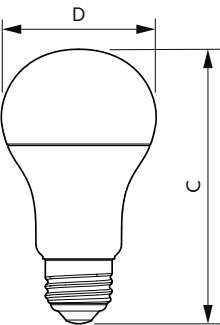
| Photobiological safety according to EN 62471 | RG0       |
|----------------------------------------------|-----------|
| Operating and Electrical                     |           |
| Line Frequency                               | 50 Hz     |
| Input Frequency                              | 50 Hz     |
| Power Consumption                            | 13 W      |
| Lamp Current (Nom)                           | 100 mA    |
| Wattage Equivalent                           | 100 W     |
| Starting Time (Nom)                          | 0.5 s     |
| Warm-up time to 60% light                    | 0.5 s     |
| Power Factor (Fraction)                      | 0.5       |
| Voltage (Nom)                                | 220-240 V |
| Temperature                                  |           |
| T-Case Maximum (Nom)                         | 105 °C    |

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|                                                                   |                 |
|-------------------------------------------------------------------|-----------------|
| Controls and Dimming                                              |                 |
| Dimmable                                                          | No              |
| Mechanical and Housing                                            |                 |
| Bulb Finish                                                       | Frosted         |
| Bulb Material                                                     | Plastic         |
| Bulb Shape                                                        | A60M            |
| Net Weight (Piece)                                                | 0.042 kg        |
| Approval and Application                                          |                 |
| Energy Efficiency Class                                           | E               |
| Energy Consumption kWh/1000 h                                     | 13 kWh          |
| EPREL Registration Number                                         | 1211081         |
| EU RoHS compliant                                                 | Yes             |
| EyeComfort                                                        | Yes             |
| Flickering value (PstLM) - Flickering value as per 1 EN 61000-3-3 |                 |
| Stroboscopic effect visibility measure (SVM)                      | 0.4             |
| Ambient temperature range                                         | -20 °C to 45 °C |

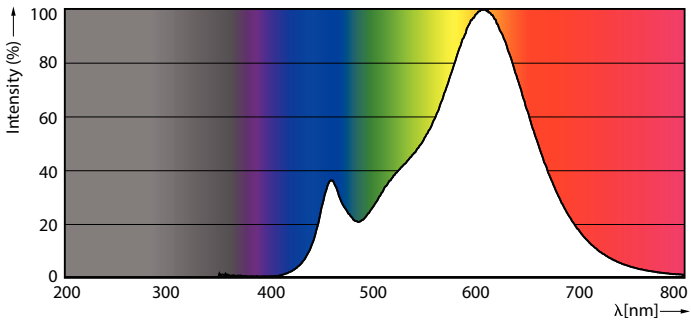
|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Application Conditions              |                                       |
| can it be used in closed luminaires | No                                    |
| Wireless Technology                 | Not applicable                        |
| Product Data                        |                                       |
| Order product name                  | CoreProLEDbulb ND 13-100W A60 E27 927 |
| Full product name                   | CoreProLEDbulb ND 13-100W A60 E27 927 |
| Full product code                   | 871951447520500                       |
| Order code                          | 929003003702                          |
| Material Nr. (12NC)                 | 929003003702                          |
| Numerator - Quantity Per Pack       | 1                                     |
| EAN/UPC - Product/Case              | 8719514475205                         |
| Numerator - Packs per outer box     | 10                                    |
| EAN/UPC - Case                      | 8719514475212                         |

Dimensional drawing

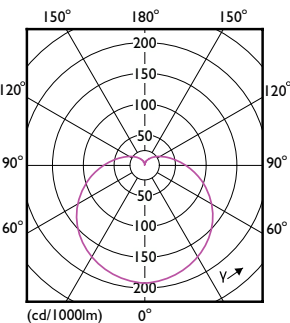


| Product                               | D     | C      |
|---------------------------------------|-------|--------|
| CoreProLEDbulb ND 13-100W A60 E27 927 | 60 mm | 120 mm |

Photometric data



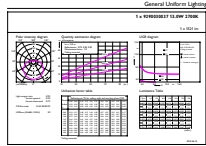
Spectral Power Distribution Colour - CoreProLEDbulb ND 13-100W A60 E27 927



Light Distribution Diagram - CoreProLEDbulb ND 13-100W A60 E27 927

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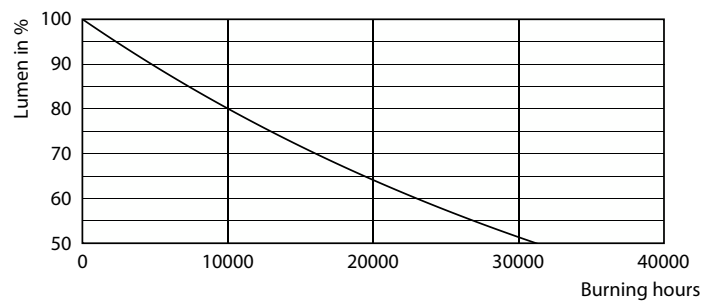
## Photometric data



|                        |                     |         |
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|------------------------|---------------------|---------|

General uniform lighting - CoreProLEDbulb ND 13-100W A60 E27 927

**Lifetime**



### Life Expectancy Diagram

**Lumen Maintenance Diagram - CoreProLEDbulb ND 13-100W A60 E27 927**

