



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 13-100W A60 E27 865

The CorePro LED bulb is the perfect bulb for your basic lighting needs. It provides beautiful light and dependable performance you expect from LED at an affordable price. CorePro LEDbulbs are compatible with existing fixtures with an E27 or B22 holder and are designed for retrofit replacement of incandescent bulbs. They deliver huge energy savings of 80% and provides excellent quality of light. By offering a lifetime of 15,000 hours it reduces maintenance costs.

Product data

| General Information | | Operating and Electrical | |
|--|--------------------|---------------------------|-------------|
| Cap-Base | E27 | Line Frequency | 50 to 60 Hz |
| Nominal lifetime | 15,000 hour(s) | Input Frequency | 50 to 60 Hz |
| Switching Cycle | 50,000 | Power Consumption | 13 W |
| Lighting Technology | LED | Lamp Current (Nom) | 105 mA |
| Flux measurement reference | Sphere | Wattage Equivalent | 100 W |
| | | Starting Time (Nom) | 0.5 s |
| | | Warm-up time to 60% light | 0.5 s |
| | | Power Factor (Fraction) | 0.54 |
| | | Voltage (Nom) | 220-240 V |
| Light Technical | | Temperature | |
| Color Code | 865 [CCT of 6500K] | T-Case Maximum (Nom) | 95 °C |
| Beam Angle (Nom) | 180 degree(s) | | |
| Luminous Flux | 1,521 lm | Controls and Dimming | |
| Color Designation | Cool Daylight | Dimmable | No |
| Correlated Color Temperature (Nom) | 6500 K | | |
| Luminous Efficacy (rated) (Nom) | 117 lm/W | Mechanical and Housing | |
| Color Consistency | <6 | Bulb Finish | Frosted |
| Color rendering index (CRI) | 80 | | |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | | |
| Photobiological safety according to EN 62471 | RG0 | | |

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| | |
|--------------------|----------|
| Bulb Material | Plastic |
| Bulb Shape | A60 |
| Net Weight (Piece) | 0.045 kg |

Approval and Application

| | |
|---|-----------------|
| Energy Efficiency Class | E |
| Energy Consumption kWh/1000 h | 13 kWh |
| EPREL Registration Number | 696293 |
| 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 °C to 45 °C |

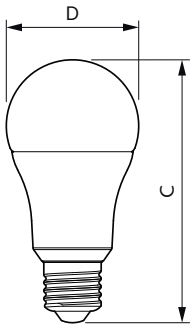
Application Conditions

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

Product Data

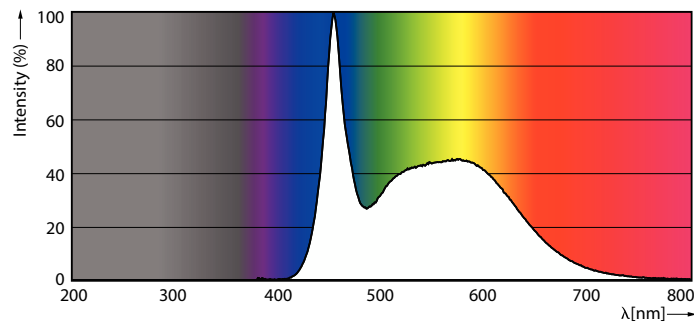
| | |
|---------------------------------|--|
| Order product name | CorePro LEDbulb ND 13-100W A60 E27 865 |
| Full product name | CorePro LEDbulb ND 13-100W A60 E27 865 |
| Full product code | 872016916925800 |
| Order code | 929002307008 |
| Material Nr. (12NC) | 929002307008 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169169258 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8720169169265 |

Dimensional drawing

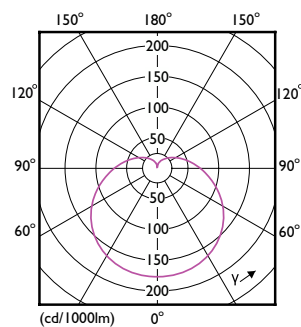


| Product | D | C |
|--|-------|--------|
| CorePro LEDbulb ND 13-100W A60 E27 865 | 60 mm | 120 mm |

Photometric data



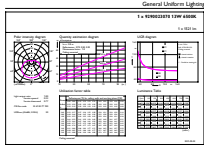
Spectral Power Distribution Colour - CorePro LEDbulb ND 13-100W A60 E27 865



Light Distribution Diagram - CorePro LEDbulb ND 13-100W A60 E27 865

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Photometric data



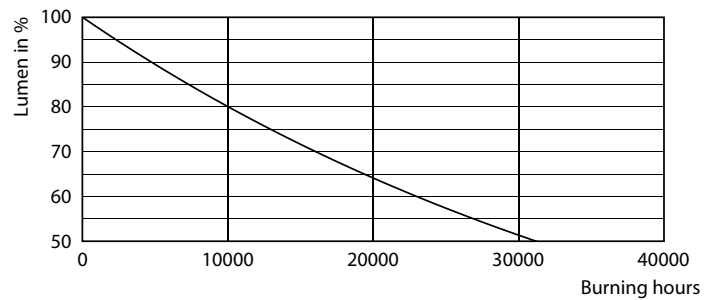
General Parameters 41 Philips Lighting B.V. Page 117

General uniform lighting - CorePro LEDbulb ND 13-100W A60 E27 865

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDbulb ND 13-100W A60 E27 865

