



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 8-60W A60 E27 827

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 and minimize maintenance cost.

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 | 8 W |
| Lighting Technology | LED | Lamp Current (Nom) | 46 mA |
| Flux measurement reference | Sphere | Wattage Equivalent | 60 W |
| Warranty period | 2 years | Starting Time (Nom) | 0.5 s |
| Light Technical | | Warm-up time to 60% light | 0.5 s |
| Color Code | 827 [CCT of 2700K] | Power Factor (Fraction) | 0.54 |
| Beam Angle (Nom) | 180 degree(s) | Voltage (Nom) | 220-240 V |
| Luminous Flux | 806 lm | Temperature | |
| Color Designation | Warm White (WW) | T-Case Maximum (Nom) | 75 °C |
| Correlated Color Temperature (Nom) | 2700 K | Controls and Dimming | |
| Luminous Efficacy (rated) (Nom) | 100 lm/W | Dimmable | No |
| Color Consistency | <6 | Mechanical and Housing | |
| Color rendering index (CRI) | 80 | Bulb Finish | Frosted |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % | Bulb Material | Plastic |
| Photobiological safety according to EN 62471 | RG0 | Bulb Shape | A60 |

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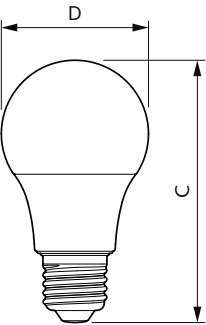
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| Net Weight (Piece) | 0.029 kg |
|--------------------|----------|

| | |
|---|-----------------|
| Approval and Application | |
| Energy Efficiency Class | F |
| Energy Consumption kWh/1000 h | 8 kWh |
| EPREL Registration Number | 397611 |
| 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 |

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

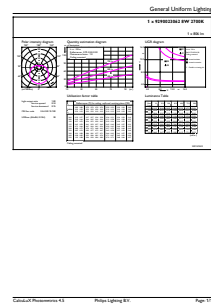
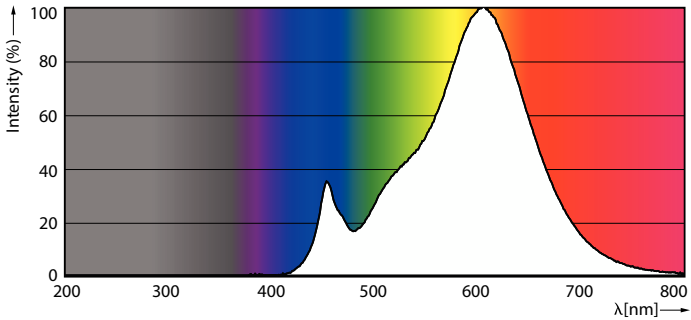
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| Product Data | |
| Order product name | CorePro LEDbulb ND 8-60W A60 E27 827 |
| Full product name | CorePro LEDbulb ND 8-60W A60 E27 827 |
| Full product code | 872016916897800 |
| Order code | 16897800 |
| Material Nr. (12NC) | 929002306208 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169168978 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8720169168985 |

Dimensional drawing



| Product | D | C |
|--------------------------------------|-------|--------|
| CorePro LEDbulb ND 8-60W A60 E27 827 | 60 mm | 108 mm |

Photometric data

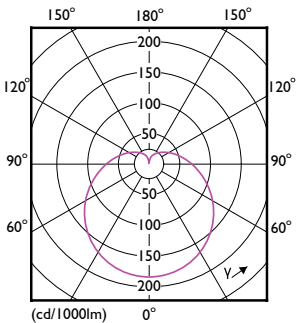


Spectral Power Distribution Colour - CorePro LEDbulb ND 8-60W A60 E27 827

General uniform lighting - CorePro LEDbulb ND 8-60W A60 E27 827

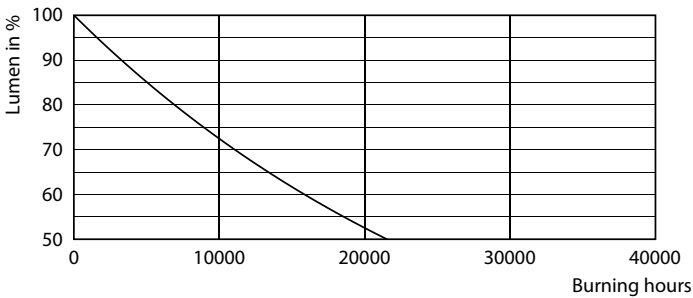
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Photometric data

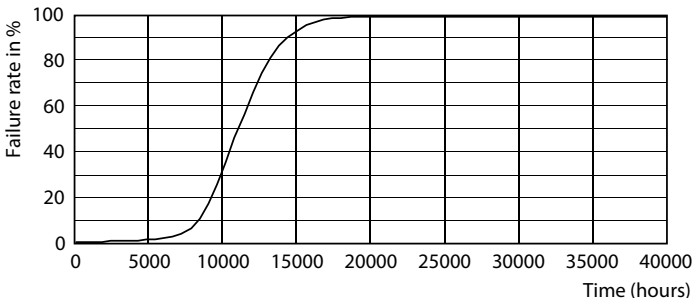


Light Distribution Diagram - CorePro LEDbulb ND 8-60W A60 E27 827

Lifetime



Lumen Maintenance Diagram - CorePro LEDbulb ND 8-60W A60 E27 827



Life Expectancy Diagram

