



CorePro Plastic LEDbulbs

CorePro LEDbulb ND 8-60W A60 E27 840

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 | 8 W |
| Lighting Technology | LED | Lamp Current (Nom) | 46 mA |
| Flux measurement reference | Sphere | Wattage Equivalent | 60 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 | 840 [CCT of 4000K] | T-Case Maximum (Nom) | 75 °C |
| Beam Angle (Nom) | 180 degree(s) | | |
| Luminous Flux | 806 lm | Controls and Dimming | |
| Color Designation | Cool White (CW) | Dimmable | No |
| Correlated Color Temperature (Nom) | 4000 K | | |
| Luminous Efficacy (rated) (Nom) | 100 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) | 0.029 kg |

Approval and Application

| | |
|---|-----------------|
| Energy Efficiency Class | F |
| Energy Consumption kWh/1000 h | 8 kWh |
| EPREL Registration Number | 397612 |
| 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 |

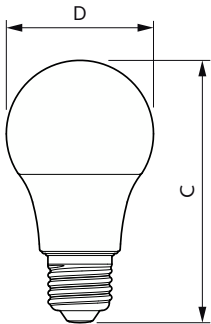
Application Conditions

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

Product Data

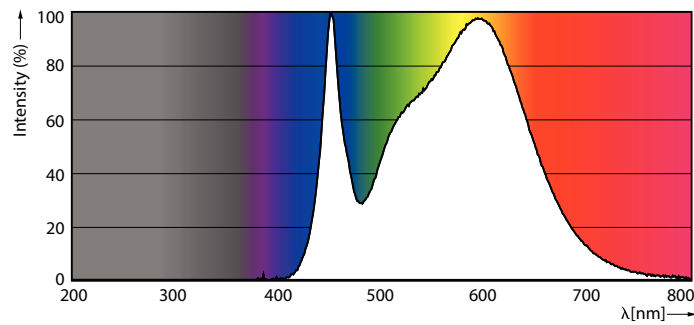
| | |
|---------------------------------|--------------------------------------|
| Order product name | CorePro LEDbulb ND 8-60W A60 E27 840 |
| Full product name | CorePro LEDbulb ND 8-60W A60 E27 840 |
| Full product code | 872016916905000 |
| Order code | 929002306308 |
| Material Nr. (12NC) | 929002306308 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8720169169050 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8720169169067 |

Dimensional drawing

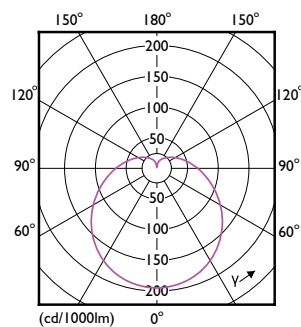


| Product | D | C |
|--------------------------------------|-------|--------|
| CorePro LEDbulb ND 8-60W A60 E27 840 | 60 mm | 108 mm |

Photometric data



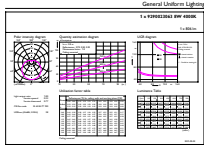
Spectral Power Distribution Colour - CorePro LEDbulb ND 8-60W A60 E27 840



Light Distribution Diagram - CorePro LEDbulb ND 8-60W A60 E27 840

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Photometric data



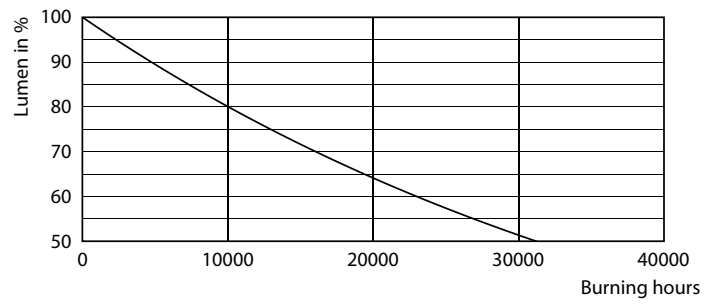
General Uniform Lighting
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General uniform lighting - CorePro LEDbulb ND 8-60W A60 E27 840

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDbulb ND 8-60W A60 E27 840

