



# CorePro Plastic LED bulbs



## CorePro LEDbulb ND 8-60W A60 E27 840

CorePro, LEDbulb, A60, 60 W, E27, 4000 K, 806 lm, CRI 80, 15000 hour(s), Plastic

CorePro, LEDbulb, A60, 60 W, E27, 4000 K, 806 lm, CRI 80, 15000 hour(s), Plastic, 100 lm/W, EEL F, PF 0.54, Beam angle 180 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                            | 840 [CCT of 4000K] |
| Beam Angle (Nom)                      | 180 degree(s)      |
| Luminous Flux                         | 806 lm             |
| Color Designation                     | Cool White (CW)    |
| Correlated Color Temperature (Nom)    | 4000 K             |
| Luminous Efficacy (rated) (Nom)       | 100 lm/W           |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 80                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |

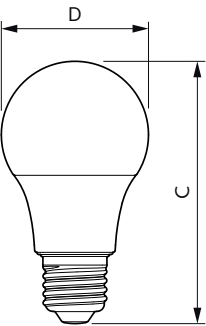
|                                              |             |     |
|----------------------------------------------|-------------|-----|
| Photobiological safety according to EN 62471 |             | RG0 |
| Operating and Electrical                     |             |     |
| Line Frequency                               | 50 to 60 Hz |     |
| Input Frequency                              | 50 to 60 Hz |     |
| Power Consumption                            | 8 W         |     |
| Lamp Current (Nom)                           | 46 mA       |     |
| 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   |     |
| Temperature                                  |             |     |
| T-Case Maximum (Nom)                         | 75 °C       |     |
| Controls and Dimming                         |             |     |
| Dimmable                                     | No          |     |

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|                                                                 |                 |
|-----------------------------------------------------------------|-----------------|
| Mechanical and Housing                                          |                 |
| Bulb Finish                                                     | Frosted         |
| 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 |

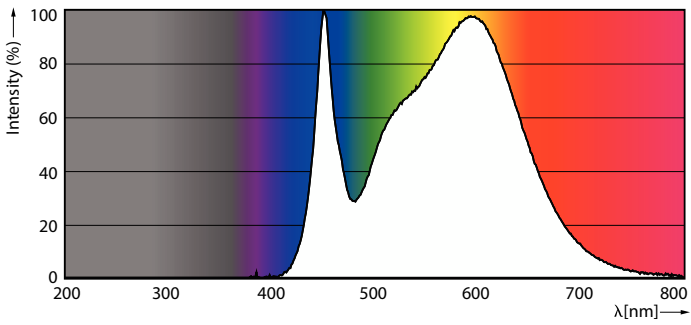
|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Application Conditions              |                                      |
| can it be used in closed luminaires | No                                   |
| Wireless Technology                 | Not applicable                       |
| 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

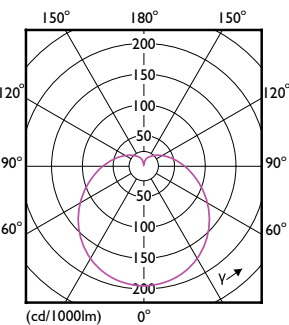


| Product                              | D     | C      |
|--------------------------------------|-------|--------|
| CorePro LEDbulb ND 8-60W A60 E27 840 | 60 mm | 108 mm |

Photometric data



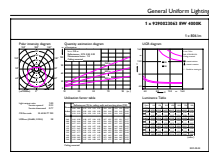
Spectral Power Distribution Colour - CorePro LEDbulb ND 8-60W A60 E27 840



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

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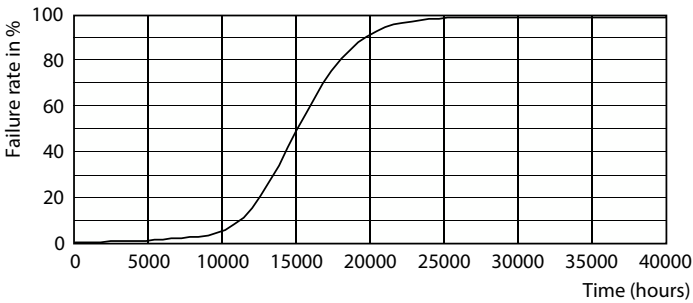
Photometric data



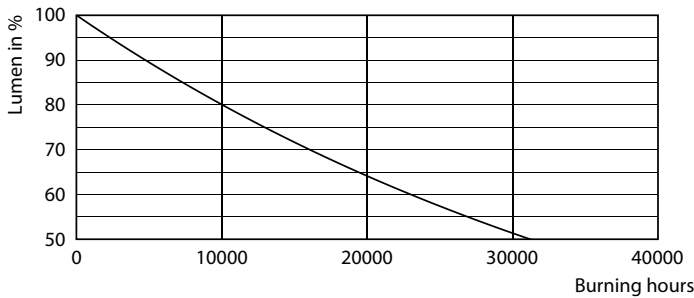
General uniform lighting - CorePro LEDbulb ND 8-60W A60 E27 840

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Lifetime



Life Expectancy Diagram



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

