PHILIPS

## CorePro LEDBulb8.5-75W E27 A60 840 FR G

929002025892




# CorePro, LEDbulb, A60, not dimmable, 75 W, E27, 4000 K, 1055 lm, CRI 80, 15000 hour(s), Glass




CorePro, LEDbulb, A60, not dimmable, 75 W, E27, 4000 K, 1055 lm, CRI 80, 15000 hour(s), Glass, 124.00 lm/W, EEL E, PF 0.52, Beam angle 300 degree(s), RG1, IP20, SVM 0.4, PstLM 1

### General Information

| | |
|---|---|
| Cap-Base | E27 |
| Nominal lifetime | 15,000 hour(s) |
| Switching Cycle | 20,000 |
| Lighting Technology | LEDbulb |
| Flux measurement reference | Sphere |
| Warranty period | 2 years |

### Light Technical

| | |
|---|---|
| Color Code | 840 [CCT of 4000K] |
| Beam Angle (Nom) | 300 degree(s) |
| Luminous Flux | 1,055 lm |
| Color Designation | Cool White (CW) |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 124.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 80 |

| | |
|---|---|
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| Photobiological safety according to EN 62471 | RG1 |

## Operating and Electrical

| | |
|---|---|
| Line Frequency | 50 to 60 Hz |
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 8.5 W |
| Lamp Current (Nom) | 70 mA |
| Wattage Equivalent | 75 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.52 |
| Voltage (Nom) | 220-240 V |

## Temperature

| | |
|---|---|
| T-Case Maximum (Nom) | 50 °C |

## Controls and Dimming

| | |
|---|---|
| Dimmable | No |

## Mechanical and Housing

| | |
|---|---|
| Bulb Finish | Frosted |
| Bulb Material | Glass |
| Bulb Shape | A60 |
| Net Weight (Piece) | 0.030 kg |

## Approval and Application

| | |
|---|---|
| Energy Efficiency Class | E |
| Energy Consumption kWh/1000 h | 9 kWh |
| EPREL Registration Number | 387426 |
| 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 to +45 °C |

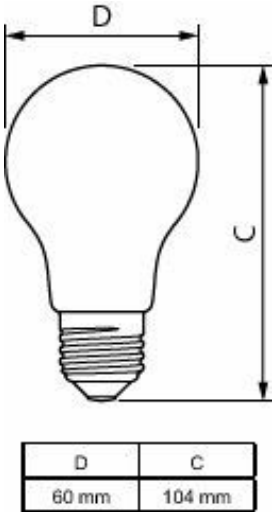
## Application Conditions

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

## Product Data

| | |
|---|---|
| Order product name | CorePro LEDBulb8.5-75W E27 A60 840 FR G |
| Full product name | CorePro LEDBulb8.5-75W E27 A60 840 FR G |
| Full product code | 871951437753000 |
| Order code | 929002025892 |
| Material Nr. (12NC) | 929002025892 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514377530 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8719514377547 |

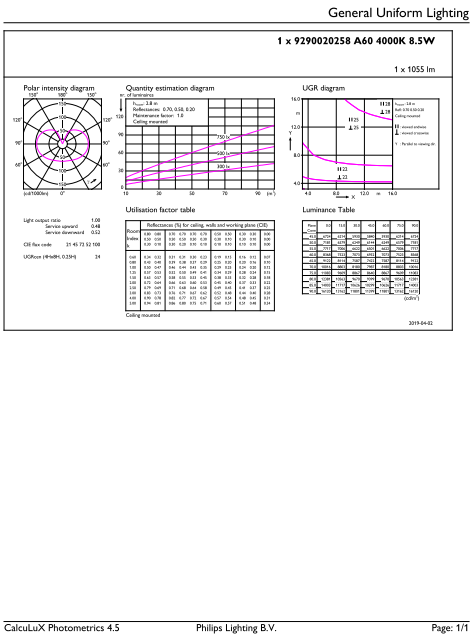
## Dimensional drawing




| D | C |
|---|---|
| 60 mm | 104 mm |

| Product | D | C |
|---|---|---|
| CorePro LEDBulb8.5-75W E27 A60 840 FR G | 60 mm | 104 mm |

## Photometric data


General Uniform Lighting

1 x 9290020258 A60 4000K 8.5W

1 x 1055 lm

Polar intensity diagram

Quantity estimation diagram

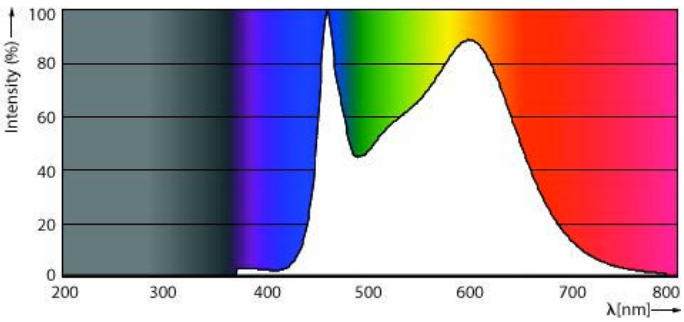
UGR diagram

Utilisation factor table

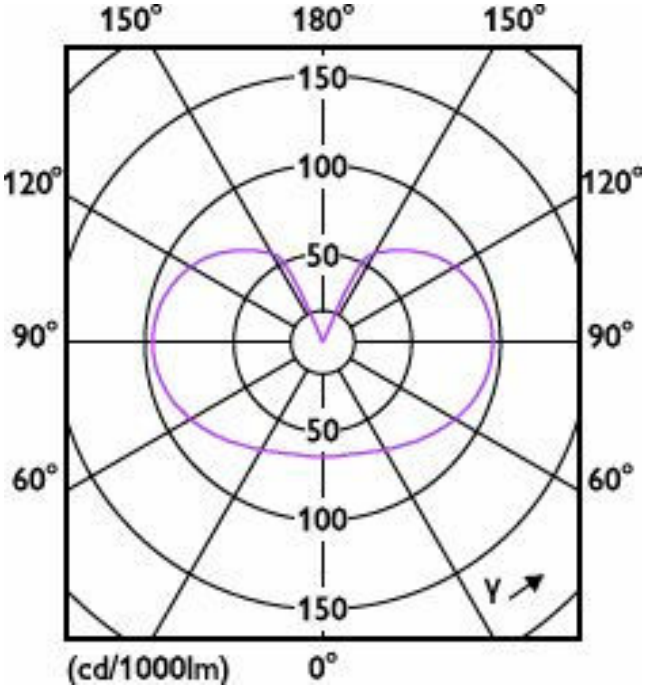
Luminance Table

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General uniform lighting - CorePro LEDBulb8.5-75W E27 A60 840 FR G

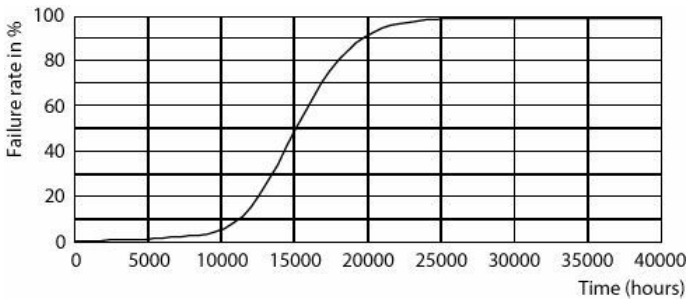



Spectral Power Distribution Colour - CorePro LEDBulb8.5-75W E27 A60 840 FR G

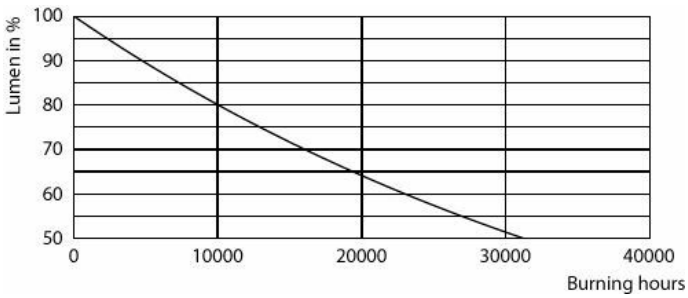



Light Distribution Diagram - CorePro LEDBulb8.5-75W E27 A60 840 FR G

## Lifetime




Life Expectancy Diagram




Lumen Maintenance Diagram - CorePro LEDBulb8.5-75W E27 A60 840 FR G

## Related Documents

| Documents and certificates | Document Name | Download |
|---|---|---|
| Environmental Product Declaration | EPD-Philips-CorePro-Glass-LED-bulbs-COMF-8793379-Ref-929001387692-20240903-EPD.pdf | Download |

| Photometry and lighting design | Document Name | Download |
|---|---|---|
| IES File | LEDbulb_8,5W_E27_A60_840_FR-IES.IES | Download |

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