Lighting

PHILIPS



CorePro Glass LED bulbs

CorePro LEDBulbND8.5-75W E27 A60 827FR G

Featuring a classic heritage design, these filament LED lamps combine the familiar shapes of classic incandescent bulbs with the benefits of long-lasting LED technology. A very easy choice for people who are looking for a retrofit LED replacement, these CorePro LED bulbs provide 90% energy savings compared with conventional lamps. CorePro Glass LED bulbs provide excellent quality of light in a vintage style. CorePro LED lighting that offers a lifetime of 15,000 hours to reduce maintenance costs.

Product data

| General Information | |
|---------------------------------------|--------------------|
| Cap-Base | E27 |
| Nominal lifetime | 15,000 hour(s) |
| Switching Cycle | 20,000 |
| Lighting Technology | LED |
| Flux measurement reference | Sphere |
| | |
| Light Technical | |
| Color Code | 827 [CCT of 2700K] |
| Beam Angle (Nom) | 300 degree(s) |
| Luminous Flux | 1,055 lm |
| Color Designation | Warm White (WW) |
| Correlated Color Temperature (Nom) | 2700 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 |
| | |

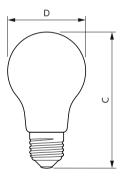
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CorePro Glass LED bulbs

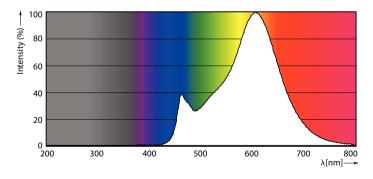
| Controls and Dimming | |
|--|----------|
| Dimmable | No |
| | |
| Mechanical and Housing | |
| Bulb Finish | Frosted |
| Bulb Shape | A60 |
| Net Weight (Piece) | 0.030 kg |
| | |
| Approval and Application | |
| Energy Efficiency Class | E |
| Energy Consumption kWh/1000 h | 9 kWh |
| EPREL Registration Number | 387425 |
| CE mark | Yes |
| EU RoHS compliant | Yes |
| EyeComfort | Yes |
| Flickering value (PstLM) - Flickering value as | 1 |
| per EN 61000-3-3 | |
| Stroboscopic effect visibility measure (SVM) | 0.4 |

| Application Conditions | |
|-------------------------------------|----------------------------------|
| can it be used in closed luminaires | No |
| | |
| Product Data | |
| Order product name | CorePro LEDBulbND8.5-75W E27 A60 |
| | 827FR G |
| Full product name | CorePro LEDBulbND8.5-75W E27 A60 |
| | 827FR G |
| Full product code | 871951436126300 |
| Order code | 929002025702 |
| Material Nr. (12NC) | 929002025702 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8719514361263 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 8719514361270 |

Dimensional drawing



| Product | D | с |
|--|-------|--------|
| CorePro LEDBulbND8.5-75W E27 A60 827FR G | 60 mm | 104 mm |
| | | |



Spectral Power Distribution Colour - CorePro LEDBulbND8.5-75W E27 A60 827FR G

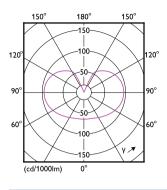
Photometric data

| | | 1 x 9290820257 A48 2768K 8.5W |
|--|--|-------------------------------|
| | | 1 x 1011 in |
| | Vertex evidence degree Vertex evidence de la construcción de la const | |
| Manageria Britanese (1) Britanese (1) Britan | Materia Normality 1 | |

General uniform lighting - CorePro LEDBulbND8.5-75W E27 A60 827FR G

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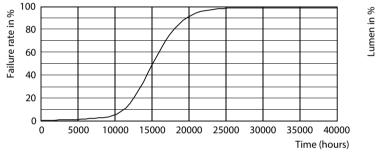
Photometric data

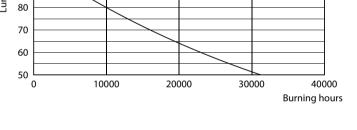


Light Distribution Diagram - CorePro LEDBulbND8.5-75W E27 A60 827FR G

Lifetime

Life Expectancy Diagram





Lumen Maintenance Diagram - CorePro LEDBulbND8.5-75W E27 A60 827FR G



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