PHILIPS

Lighting

# CorePro LED capsule LV

## CorePro LEDcapsuleLV 4.2-40W GY6.35 827D

CorePro, LED, Capsule, 40 W, GY6.35, 2700 K, 470 lm, CRI 80, 15000 hour(s), Plastic

The CorePro LEDcapsule is a true alternative to the halogen capsule. It is particularly suitable for task lighting and decorative applications in homes, shops, hotels and restaurants. Compatible with existing fixtures with G4 holders and designed for retrofit replacement of halogen capsules, CorePro LEDcapsule delivers huge energy savings and minimizes maintenance costs without any compromise on light quality.

### Product data

| General Information | |
|---|---|
| **Cap-Base** | GY6.35 |
| **Nominal lifetime** | 15,000 hour(s) |
| **Switching Cycle** | 50,000 |
| **Lighting Technology** | LED |
| **Flux measurement reference** | Sphere |
| **Warranty period** | 2 years |

| Light Technical | |
|---|---|
| **Color Code** | 827 [CCT of 2700K] |
| **Beam Angle (Nom)** | 300 degree(s) |
| **Luminous Flux** | 470 lm |
| **Color Designation** | Warm White (WW) |
| **Correlated Color Temperature (Nom)** | 2700 K |
| **Luminous Efficacy (rated) (Nom)** | 111 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** | - Hz |
| **Input Frequency** | - Hz |
| **Power Consumption** | 4.2 W |
| **Lamp Current (Nom)** | 400 mA |
| **Wattage Equivalent** | 40 W |
| **Starting Time (Nom)** | 0.5 s |
| **Warm-up time to 60% light** | 0.5 s |
| **Power Factor (Fraction)** | 0.9 |
| **Voltage (Nom)** | ac electronic 12 V |

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| Temperature | |
|---|---|
| **T-Case Maximum (Nom)** | 90 °C |

| Controls and Dimming | |
|---|---|
| **Dimmable** | Only with specific dimmers |

| Mechanical and Housing | |
|---|---|
| **Bulb Finish** | Frosted |
| **Bulb Material** | Plastic |
| **Bulb Shape** | Capsule |
| **Net Weight (Piece)** | 0.013 kg |

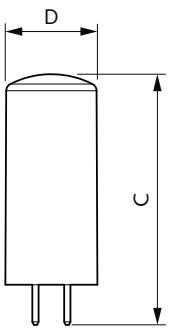
| Approval and Application | |
|---|---|
| **Energy Efficiency Class** | F |
| **Suitable For Accent Lighting** | No |
| **Energy Consumption kWh/1000 h** | 5 kWh |
| **EPREL Registration Number** | 1403030 |
| **CE mark** | Yes |
| **EU RoHS compliant** | Yes |
| **EyeComfort** | Yes |
| **Flickering 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 |

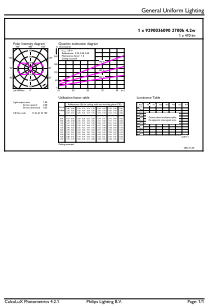
| Product Data | |
|---|---|
| **Order product name** | CorePro LEDcapsuleLV 4.2-40W GY6.35 827D |
| **Full product name** | CorePro LEDcapsuleLV 4.2-40W GY6.35 827D |
| **Full product code** | 872016917102200 |
| **Order code** | 929003609002 |
| **Material Nr. (12NC)** | 929003609002 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8720169171022 |
| **Numerator - Packs per outer box** | 12 |
| **EAN/UPC - Case** | 8720169171039 |

## Dimensional drawing

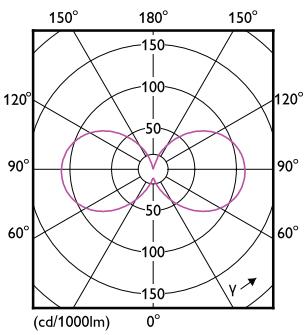



| Product | D | C |
|---|---|---|
| CorePro LEDcapsuleLV 4.2-40W GY6.35 827D | 18 mm | 50 mm |

## Photometric data



General uniform lighting - CorePro LEDcapsuleLV 4.2-40W GY6.35 827D




Light Distribution Diagram - CorePro LEDcapsuleLV 4.2-40W GY6.35 827D

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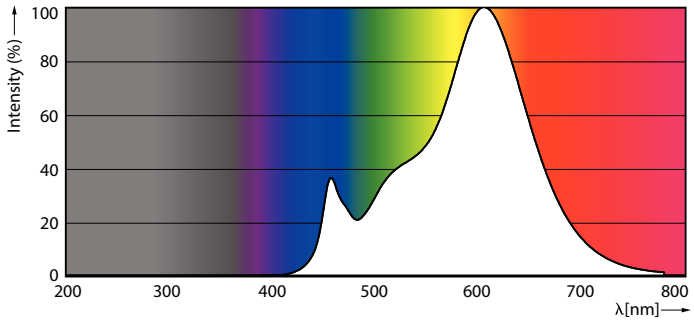
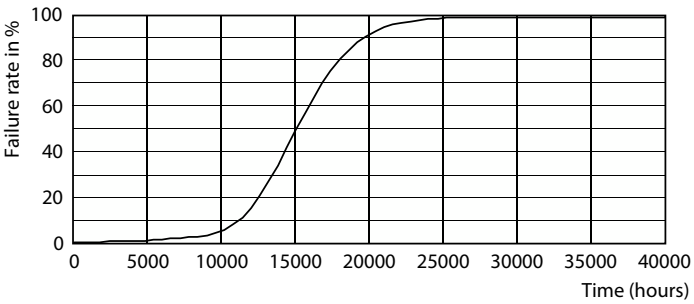
## Photometric data

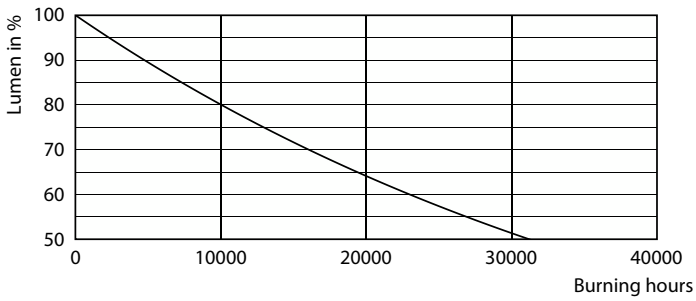



**Spectral Power Distribution Colour - CorePro LEDcapsuleLV 4.2-40W GY6.35 827D**

## Lifetime




**Life Expectancy Diagram**




**Lumen Maintenance Diagram - CorePro LEDcapsuleLV 4.2-40W GY6.35 827D**

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