



# CorePro LED capsule MV



## CorePro LEDcapsuleMV 2.7-25W G9 827 D

CorePro, LEDspot, G9, 25 W, G9, 2700 K, 300 lm, CRI 80, 15000 h, Plastic

This single-ended mains-voltage capsule for G9-base luminaires delivers directional light, making it a true alternative to halogen capsule lamps. It is particularly suitable for task lighting in shops, hotels and restaurants, and ideal for desk lamps and cabinet lighting. Compatible with existing fixtures with G9 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                 |                    | Colour consistency                           |             |
|-------------------------------------|--------------------|--|-------------|
| Cap base                            | G9                 | Colour consistency                           | <6          |
| Nominal lifetime                    | 15,000 h           | Colour rendering index (CRI)                 | 80          |
| Switching Cycle                     | 50,000             | LLMF at end of nominal lifetime (nom.)       | 70 %        |
| Lighting Technology                 | LEDspot            | Photobiological safety according to EN 62471 | RG0         |
| Flux measurement reference          | Sphere             | Operating and Electrical                     |             |
| Warranty period                     | 2 years            | Input frequency                              | 50 to 60 Hz |
| Light Technical                     |                    | Power Consumption                            | 2.7 W       |
| Colour Code                         | 827 [CCT of 2700K] | Lamp current (nom.)                          | 17 mA       |
| Beam angle (nom.)                   | 320 degree(s)      | Wattage equivalent                           | 25 W        |
| Luminous Flux                       | 300 lm             | Starting time (nom.)                         | 0.5 s       |
| Colour designation                  | Warm White (WW)    | Warm-up time to 60% light                    | 0.5 s       |
| Correlated Colour Temperature (Nom) | 2700 K             | Power Factor (Fraction)                      | 0.5         |
| Luminous efficacy (rated) (nom.)    | 111 lm/W           | Voltage (nom.)                               | 220-240 V   |

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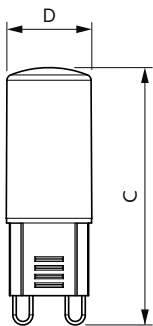
| Temperature                        |                            |
|------------------------------------|----------------------------|
| T-Case maximum (nom.)              | 88 °C                      |
| Controls and Dimming               |                            |
| Dimmable                           | Only with specific dimmers |
| Mechanical and Housing             |                            |
| Lamp Finish                        | Frosted                    |
| Bulb material                      | Plastic                    |
| Bulb shape                         | G9                         |
| Net Weight (Piece)                 | 0.008 kg                   |
| Approval and Application           |                            |
| Energy Efficiency Class            | E                          |
| Suitable for accent lighting       | No                         |
| Energy consumption kWh/1,000 hours | 3 kWh                      |
| EPREL Registration Number          | 1932588                    |
| CE mark                            | Yes                        |
| EU RoHS compliant                  | Yes                        |
| EyeComfort                         | Yes                        |
| Flickering value (PstLM)           | 1                          |

|                           |               |
|---------------------------|---------------|
| Stroboscopic effect       | 0.4           |
| Ambient temperature range | -20 to +45 °C |

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

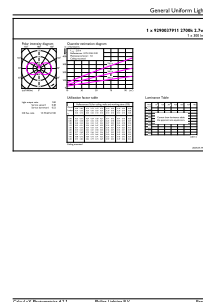
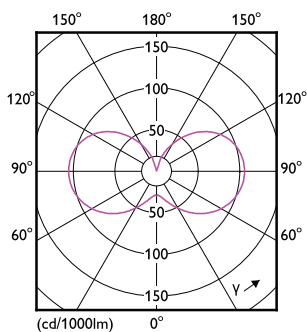
| Product Data                    |                                       |
|---------------------------------|---------------------------------------|
| Order product name              | CorePro LEDcapsuleMV 2.7-25W G9 827 D |
| Full product name               | CorePro LEDcapsuleMV 2.7-25W G9 827 D |
| Full EOC                        | 872016930175700                       |
| Order code                      | 929003791102                          |
| Material no. (12 NC)            | 929003791102                          |
| Numerator – quantity per pack   | 1                                     |
| EAN/UPC – Product/Case          | 8720169301757                         |
| Numerator – packs per outer box | 12                                    |
| EAN/UPC - Case                  | 8720169301764                         |

## Dimensional drawing



| Product                               | D     | C     |
|---------------------------------------|-------|-------|
| CorePro LEDcapsuleMV 2.7-25W G9 827 D | 16 mm | 52 mm |

## Photometric data

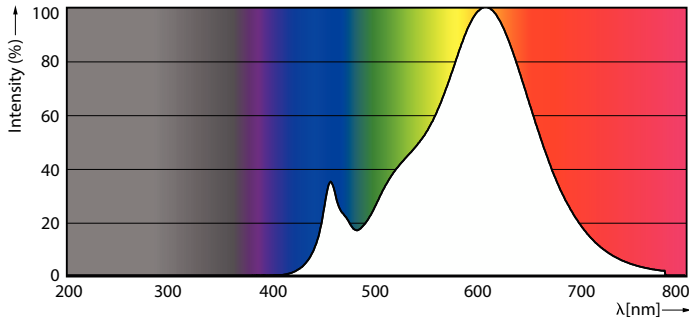


Light Distribution Diagram - CorePro LEDcapsuleMV 2.7-25W G9 827 D

General uniform lighting - CorePro LEDcapsuleMV 2.7-25W G9 827 D

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## Photometric data



Spectral Power Distribution Colour - CorePro LEDcapsuleMV 2.7-25W G9  
827 D

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - CorePro LEDcapsuleMV 2.7-25W G9 827 D

