PHILIPS Lighting



Mains-voltage capsule with very high light output

CorePro LEDcapsule MV

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.

Benefits

- White light
- \cdot White light
- \cdot Up to 90% energy saving compared with halogen lamps
- \cdot Up to 90% energy saving compared with halogen lamps
- Lower maintenance costs
- \cdot Lower maintenance costs
- \cdot Broad compatibility with transformers
- Broad compatibility with transformers

Features

- \cdot Easy retrofit
- \cdot Easy retrofit
- Lifetime of 15,000 hours
- Lifetime of 15,000 hours
- \cdot UV- and IR-free light
- \cdot UV- and IR-free light
- \cdot Free of mercury and hazardous materials
- Free of mercury and hazardous materials

CorePro LEDcapsule MV

Application

- Hotels, museums, shops
- Hotels, museums, shops
- $\boldsymbol{\cdot}$ Washrooms, reception areas , exhibitions, display cabinets
- Washrooms, reception areas , exhibitions, display cabinets

Versions

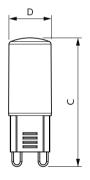




LED 25W G9 WW 230V Dim SRT6

LED 40W G9 WW ND 3PF 6 DISC

Dimensional drawing



| Product | D | с |
|---------------------------------------|-------|-------|
| CorePro LEDcapsule 1.9-25W ND G9 827 | 14 mm | 43 mm |
| CorePro LEDcapsule 1.9-25W ND G9 830 | 14 mm | 43 mm |
| CorePro LEDcapsule 3.7-40W ND G9 827 | 16 mm | 52 mm |
| CorePro LEDcapsule 3.7-40W ND G9 830 | 16 mm | 52 mm |
| CorePro LEDcapsuleMV 2.7-25W G9 827 D | 16 mm | 52 mm |

CorePro LEDcapsule MV

| Cap-BaseG9Switching Cycle50,000Nominal lifetime15,000 hour(s)Light Technical | General Information | |
|---|---------------------------------|----------------|
| Nominal lifetime 15,000 hour(s) Light Technical Image: Second | Cap-Base | G9 |
| Light Technical Beam Angle (Nom) 320 degree(s) Color rendering index (CRI) 80 LLMF At End Of Nominal Lifetime 70 % (Nom) 70 % Operating and Electrical Input Frequency Starting Time (Nom) 0.5 s Mechanical and Housing Bulb Finish Bulb Shape G9 Approval and Application Input Control (Nom) | Switching Cycle | 50,000 |
| Beam Angle (Nom) 320 degree(s) Color rendering index (CRI) 80 LLMF At End Of Nominal Lifetime 70 % (Nom) 70 % Operating and Electrical Input Frequency 50 to 60 Hz Starting Time (Nom) 0.5 s Mechanical and Housing Bulb Finish Bulb Shape G9 Approval and Application Instantion of the state o | Nominal lifetime | 15,000 hour(s) |
| Beam Angle (Nom) 320 degree(s) Color rendering index (CRI) 80 LLMF At End Of Nominal Lifetime 70 % (Nom) 70 % Operating and Electrical Input Frequency 50 to 60 Hz Starting Time (Nom) 0.5 s Mechanical and Housing Bulb Finish Bulb Shape G9 Approval and Application Instantion of the state o | | |
| Color rendering index (CRI) 80 LLMF At End Of Nominal Lifetime 70 % (Nom) 70 % Operating and Electrical 70 % Input Frequency 50 to 60 Hz Starting Time (Nom) 0.5 s Mechanical and Housing Bulb Finish Frosted Bulb Shape G9 Approval and Application | Light Technical | |
| LLMF At End Of Nominal Lifetime 70 % (Nom) 70 % Operating and Electrical 1000000000000000000000000000000000000 | Beam Angle (Nom) | 320 degree(s) |
| (Nom) Operating and Electrical Input Frequency 50 to 60 Hz Starting Time (Nom) 0.5 s Mechanical and Housing Bulb Finish Frosted Bulb Shape G9 Approval and Application | Color rendering index (CRI) | 80 |
| Operating and Electrical Input Frequency 50 to 60 Hz Starting Time (Nom) 0.5 s Mechanical and Housing Bulb Finish Frosted Bulb Shape G9 Approval and Application | LLMF At End Of Nominal Lifetime | 70 % |
| Input Frequency 50 to 60 Hz Starting Time (Nom) 0.5 s Mechanical and Housing Bulb Finish Frosted Bulb Shape G9 Approval and Application | (Nom) | |
| Input Frequency 50 to 60 Hz Starting Time (Nom) 0.5 s Mechanical and Housing Bulb Finish Frosted Bulb Shape G9 Approval and Application | | |
| Starting Time (Nom) 0.5 s Mechanical and Housing Bulb Finish Frosted Bulb Shape G9 Approval and Application | Operating and Electrical | |
| Mechanical and Housing Bulb Finish Bulb Shape G9 | Input Frequency | 50 to 60 Hz |
| Bulb Finish Frosted Bulb Shape G9 | Starting Time (Nom) | 0.5 s |
| Bulb Finish Frosted Bulb Shape G9 | | |
| Bulb Shape G9 Approval and Application | Mechanical and Housing | |
| Approval and Application | Bulb Finish | Frosted |
| | Bulb Shape | G9 |
| | | |
| Ambient temperature range -20 to +45 °C | Approval and Application | |
| | Ambient temperature range | -20 to +45 °C |

Light Technical

| | | Correlated Color | Color | |
|--------------|--------------------------------------|-------------------|-------|---------------|
| Order Code | Full Product Name | Temperature (Nom) | Code | Luminous Flux |
| 929003791102 | CorePro LEDcapsuleMV 2.7-25W G9 827 | 2700 K | 827 | 300 lm |
| | D | | | |
| 929003790502 | CorePro LEDcapsule 1.9-25W ND G9 827 | 2700 K | 827 | 220 lm |
| 929003790602 | CorePro LEDcapsule 1.9-25W ND G9 | 3000 K | 830 | 220 lm |
| | 830 | | | |
| 929003790802 | CorePro LEDcapsule 3.7-40W ND G9 | 2700 K | 827 | 470 lm |
| | 827 | | | |
| 929003790902 | CorePro LEDcapsule 3.7-40W ND G9 | 3000 K | 830 | 470 lm |
| | 830 | | | |

Operating and Electrical

| | | Power | Wattage |
|--------------|----------------------------|-------------|------------|
| Order Code | Full Product Name | Consumption | Equivalent |
| 929003791102 | CorePro LEDcapsuleMV | 2.7 W | 25 W |
| | 2.7-25W G9 827 D | | |
| 929003790502 | CorePro LEDcapsule 1.9-25W | 1.9 W | 25 W |
| | ND G9 827 | | |
| 929003790602 | CorePro LEDcapsule 1.9-25W | 1.9 W | 25 W |
| | ND G9 830 | | |

| | | Power | Wattage |
|--------------|----------------------------|-------------|------------|
| Order Code | Full Product Name | Consumption | Equivalent |
| 929003790802 | CorePro LEDcapsule 3.7-40W | 3.7 W | 40 W |
| | ND G9 827 | | |
| 929003790902 | CorePro LEDcapsule 3.7-40W | 3.7 W | 40 W |
| | ND G9 830 | | |

Temperature

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|---------------------------------------|----------------------|
| 929003791102 | CorePro LEDcapsuleMV 2.7-25W G9 827 D | 88 °C |
| 929003790502 | CorePro LEDcapsule 1.9-25W ND G9 827 | 92 °C |
| 929003790602 | CorePro LEDcapsule 1.9-25W ND G9 830 | 92 °C |

| Order Code | Full Product Name | T-Case Maximum (Nom) |
|--------------|--------------------------------------|----------------------|
| 929003790802 | CorePro LEDcapsule 3.7-40W ND G9 827 | 105 °C |
| 929003790902 | CorePro LEDcapsule 3.7-40W ND G9 830 | 105 ℃ |

Controls and Dimming

| Order Code | Full Product Name | Dimmable |
|--------------|---------------------------------------|----------------------------|
| 929003791102 | CorePro LEDcapsuleMV 2.7-25W G9 827 D | Only with specific dimmers |
| 929003790502 | CorePro LEDcapsule 1.9-25W ND G9 827 | No |
| 929003790602 | CorePro LEDcapsule 1.9-25W ND G9 830 | No |

| Order Code | Full Product Name | Dimmable |
|--------------|--------------------------------------|----------|
| 929003790802 | CorePro LEDcapsule 3.7-40W ND G9 827 | No |
| 929003790902 | CorePro LEDcapsule 3.7-40W ND G9 830 | No |

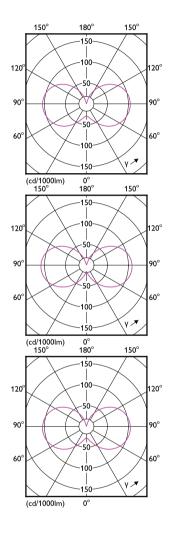
Approval and Application

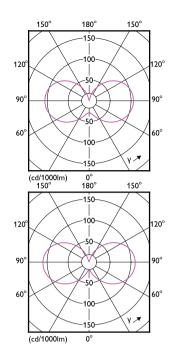
| | | Energy Consumption |
|--------------|---------------------------------------|--------------------|
| Order Code | Full Product Name | kWh/1000 h |
| 929003791102 | CorePro LEDcapsuleMV 2.7-25W G9 827 D | 3 kWh |

| | | Energy Consumption |
|--------------|--------------------------------------|--------------------|
| Order Code | Full Product Name | kWh/1000 h |
| 929003790502 | CorePro LEDcapsule 1.9-25W ND G9 827 | 2 kWh |

CorePro LEDcapsule MV

| | | Energy Consumption |
|--------------|--------------------------------------|--------------------|
| Order Code | Full Product Name | kWh/1000 h |
| 929003790602 | CorePro LEDcapsule 1.9-25W ND G9 830 | 2 kWh |
| 929003790802 | CorePro LEDcapsule 3.7-40W ND G9 827 | 4 kWh |
| 929003790902 | CorePro LEDcapsule 3.7-40W ND G9 830 | 4 kWh |





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www.lighting.philips.com 2023, August 2 - data subject to change