# Lighting

**PHILIPS** 



# CorePro LEDcapsule MV

# CorePro LEDcapsule ND 4.8-60W G9 827

The LED specialties deliver a high quality light to make themselves to be a true replacement of halogen specialty lamp (such as G9 and R7S). It is particularly suit for task lighting in hotel and restaurants, and ideal for decorative and ambient application. LEDspecialty products deliver huge energy saving and minimize maintenance costs, without any compromise on light quality.

#### **Product data**

| General Information                   |                    |
|---------------------------------------|--------------------|
| Lighting Technology                   | LED                |
| Flux measurement reference            | Sphere             |
| Switching Cycle                       | 50,000             |
| Nominal lifetime                      | 15,000 hour(s)     |
| Cap-Base                              | G9 [G9]            |
|                                       |                    |
| Light Technical                       |                    |
| Color Code                            | 827 [CCT of 2700K] |
| Luminous Flux                         | 570 lumen          |
| Color Designation                     | Warm White (WW)    |
| Correlated Color Temperature (Nom)    | 2700 K             |
| Luminous Efficacy (rated) (Nom)       | 118.00 lm/W        |
| Color Consistency                     | <6                 |
| Color rendering index (CRI)           | 80                 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               |
|                                       |                    |
| Operating and Electrical              |                    |
| Line Frequency                        | 50 to 60 Hz        |
| Input Frequency                       | 50 to 60 Hz        |
|                                       |                    |

| Power Consumption            | 4.8 W     |
|------------------------------|-----------|
| Lamp Current (Nom)           | 44 mA     |
| Wattage Equivalent           | 60 W      |
| Starting Time (Nom)          | 0.5 s     |
| Warm-up time to 60% light    | 0.5 s     |
| Power Factor (Fraction)      | 0.4       |
| Voltage (Nom)                | 220-240 V |
|                              |           |
| Temperature                  |           |
| T-Case Maximum (Nom)         | 99 °C     |
|                              |           |
| Controls and Dimming         |           |
| Dimmable                     | No        |
|                              |           |
| Mechanical and Housing       |           |
| Bulb Shape                   | Capsule   |
|                              |           |
| Approval and Application     |           |
| Energy Efficiency Class      | E         |
| Suitable For Accent Lighting | No        |
|                              |           |

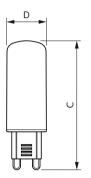


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| Energy Consumption kWh/1000 h | 5 kWh                                |
|-------------------------------|--------------------------------------|
| EPREL Registration Number     | 397599                               |
| CE mark                       | Yes                                  |
| EU RoHS compliant             | Yes                                  |
|                               |                                      |
| Product Data                  |                                      |
| Full product code             | 871869965780200                      |
| Order product name            | CorePro LEDcapsule ND 4.8-60W G9 827 |
|                               |                                      |

| Order code                      | 929002055102                         |
|---------------------------------|--------------------------------------|
| Numerator - Quantity Per Pack   | 1                                    |
| Numerator - Packs per outer box | 12                                   |
| Material number (12NC)          | 929002055102                         |
| Full product name               | CorePro LEDcapsule ND 4.8-60W G9 827 |
| EAN/UPC - Case                  | 8718699657819                        |
|                                 |                                      |

### Dimensional drawing



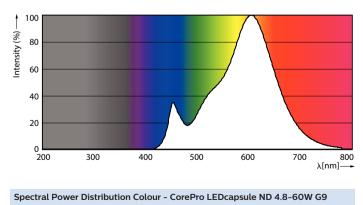
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|--------------------------------------|-------|-------|
| CorePro LEDcapsule ND 4.8-60W G9 827 | 19 mm | 60 mm |

#### Photometric data

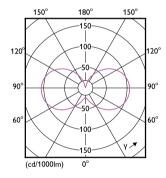
|                    |   | 1 x 9250620551 2780K                    |  |
|--------------------|---|---|--|
|                    |   | 1×50in                                  |  |
| Pair investigation | Quantity automation diagram               | LGI.6gm                                 |  |
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General uniform lighting - CorePro LEDcapsule ND 4.8-60W G9 827



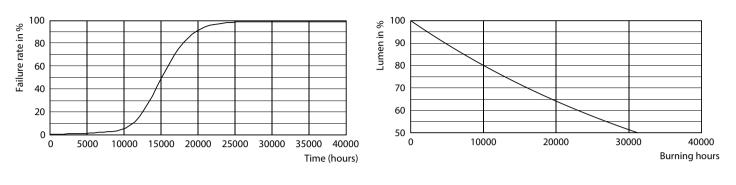
827



Light Distribution Diagram - CorePro LEDcapsule ND 4.8-60W G9 827

## CorePro LEDcapsule MV

#### Lifetime



Life Expectancy Diagram - CorePro LEDcapsule ND 4.8-60W G9 827

Lumen Maintenance Diagram - CorePro LEDcapsule ND 4.8-60W G9 827



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