



# CorePro LED PLC

## CorePro LED PLC CorePro LED PLC 9W 840 4P G24q-3

Philips CorePro LED PLC is the ideal uplampping solution for downlights in a wide range of general lighting applications. It integrates a LED light source into a traditional fluorescent form factor to offer superb energy savings over a lifetime that's twice as long as fluorescent alternatives.

### Product data

| General Information    |                  |
|------------------------|------------------|
| Cap-Base               | G24Q-3 [ G24q-3] |
| Nominal Lifetime (Nom) | 30000 h          |
| Switching Cycle        | 50000X           |
| B50L70                 | 30000 h          |

| Light Technical                       |                     |
|---------------------------------------|---------------------|
| Color Code                            | 840 [ CCT of 4000K] |
| Luminous Flux (Nom)                   | 1000 lm             |
| Luminous Flux (Rated) (Nom)           | 1000 lm             |
| Correlated Color Temperature (Nom)    | 4000 K              |
| Color Consistency                     | <6                  |
| Color Rendering Index (Nom)           | 83                  |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                |

| Operating and Electrical |                |
|--------------------------|----------------|
| Input Frequency          | 30000-80000 Hz |
| Power (Rated) (Nom)      | 9 W            |
| Lamp Current (Max)       | 400 mA         |
| Lamp Current (Min)       | 250 mA         |

|                                 |         |
|---------------------------------|---------|
| Starting Time (Nom)             | 0.5 s   |
| Warm Up Time to 60% Light (Nom) | 0.5 s   |
| Power Factor (Nom)              | 0.9     |
| Voltage (Nom)                   | 20-50 V |

| Temperature          |        |
|----------------------|--------|
| T-Ambient (Max)      | 35 °C  |
| T-Ambient (Min)      | -20 °C |
| T-Storage (Max)      | 65 °C  |
| T-Storage (Min)      | -40 °C |
| T-Case Maximum (Nom) | 76 °C  |

| Controls and Dimming |    |
|----------------------|----|
| Dimmable             | No |

| Mechanical and Housing |        |
|------------------------|--------|
| Product Length         | 100 mm |

| Approval and Application |     |
|--------------------------|-----|
| Energy Saving Product    | Yes |

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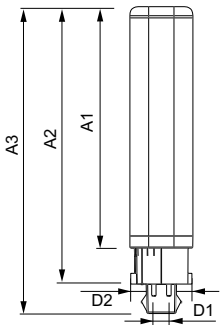
|                                      |  |
|--------------------------------------|--|
| <b>Energy Efficiency Label (EEL)</b> | A+   |
| <b>Approval Marks</b>                | TUV CE marking RoHS compliance KEMA Keur certificate |
| <b>Energy Consumption kWh/1000 h</b> | 12 kWh   |
| <b>Product Data</b>                  |  |
| <b>Full product code</b>             | 871869654117300                                      |
| <b>Order product name</b>            | CorePro LED PLC CorePro LED PLC 9W 840 4P G24q-3     |

|  |               |
|--|---------------|
| <b>EAN/UPC - Product</b>               | 8718696541173 |
| <b>Order code</b>                      | 929001200902  |
| <b>Numerator - Quantity Per Pack</b>   | 1             |
| <b>Numerator - Packs per outer box</b> | 10            |
| <b>Material Nr. (12NC)</b>             | 929001200902  |
| <b>Net Weight (Piece)</b>              | 0.088 kg      |

## Warnings and Safety

- NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

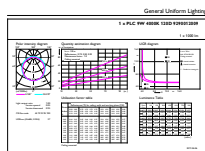
## Dimensional drawing



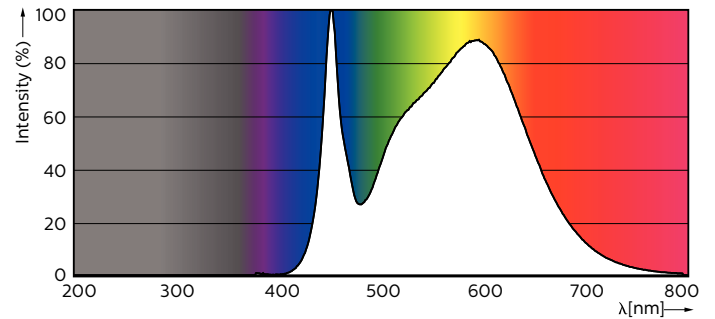
LEDtube PLC 9W G24q-3/840 4P

| Product                          | D1      | D2      | A1       | A2     | A3       |
|----------------------------------|---------|---------|----------|--------|----------|
| CorePro LED PLC 9W 840 4P G24q-3 | 24.3 mm | 28.4 mm | 128.8 mm | 148 mm | 163.6 mm |

## Photometric data



General Uniform Lighting  
1 x PLC 9W 840 1000lm  
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LEDtube PLC 100mm 9W G24Q-3 840 1000lm

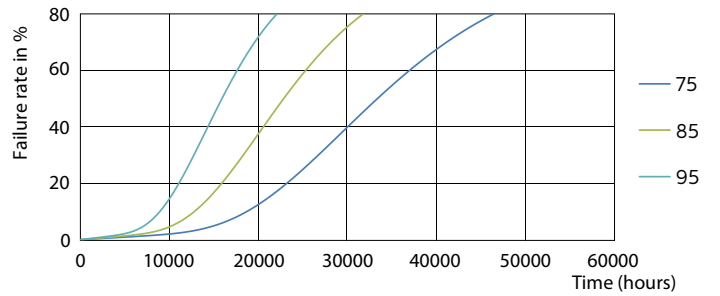
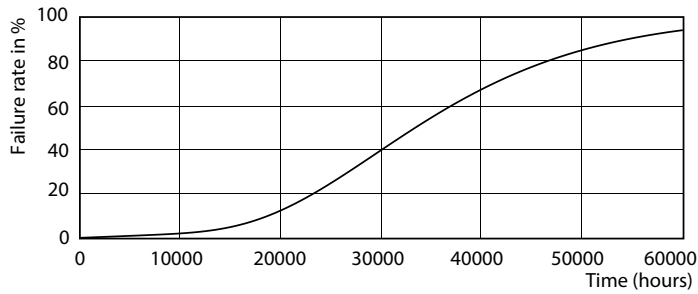
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## Photometric data



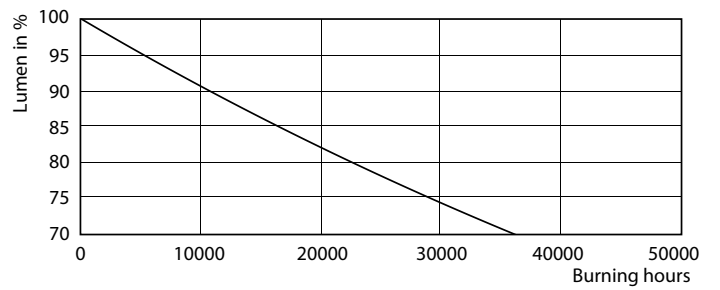
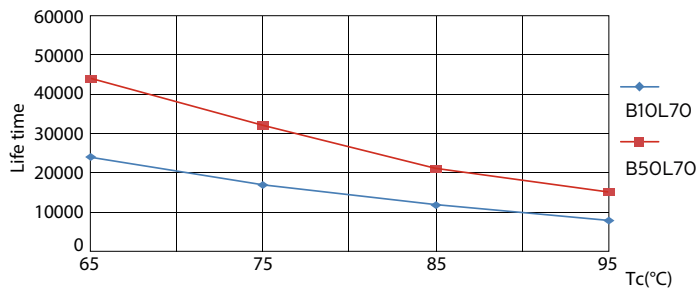
PLC /830, /840

## Lifetime



LEDtube PLC 100mm 9W G24Q-3 830 950lm

LEDtube PLC 100mm 9W G24Q-3 830 950lm

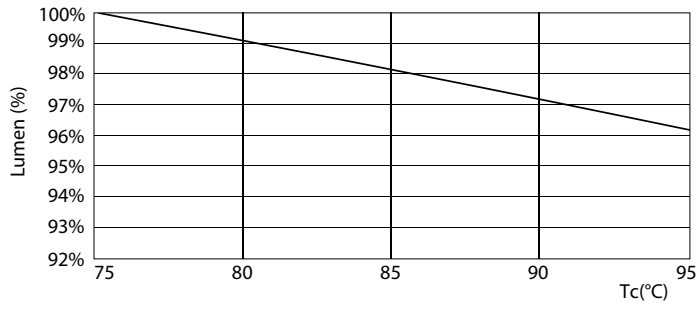


LEDtube PLC 100mm 9W G24Q-3 830 950lm

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## Lifetime



LEDtube PLC 100mm 9W G24Q-3 830 950lm

