



# CorePro LED PLC

## CorePro LED PLC LED PLC 6.5W 840 2P G24d-2

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                              | G24D-2 [ G24d-2]    |
| Nominal Lifetime (Nom)                | 30000 h             |
| Switching Cycle                       | 50000X              |
| B50L70                                | 30000 h             |
| Light Technical                       |                     |
| Color Code                            | 840 [ CCT of 4000K] |
| Luminous Flux (Nom)                   | 700 lm              |
| Luminous Flux (Rated) (Nom)           | 700 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                       | 50 to 60 Hz         |
| Power (Rated) (Nom)                   | 6.5 W               |
| Lamp Current (Max)                    | 35 mA               |
| Lamp Current (Min)                    | 25 mA               |
| Starting Time (Nom)                   | 0.5 s               |
| Warm Up Time to 60% Light (Nom)       | 0.5 s               |
| Power Factor (Nom)                    | 0.9                 |

| Voltage (Nom)                 | 220-240 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)          | 65 °C           |
| Controls and Dimming          |                 |
| Dimmable                      | No              |
| Mechanical and Housing        |                 |
| Product Length                | 100 mm          |
| Approval and Application      |                 |
| Energy Efficiency Label (EEL) | A+              |
| Energy Saving Product         | Yes             |
| Approval Marks                | TUV CE marking  |
| Energy Consumption kWh/1000 h | 9 kWh           |
| Product Data                  |                 |
| Full product code             | 871869667005700 |

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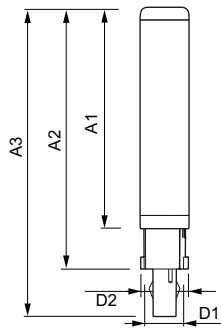
|                               |   |
|-------------------------------|---|
| Order product name            | CorePro LED PLC LED PLC 6.5W 840 2P<br>G24d-2 |
| EAN/UPC - Product             | 8718696670057                                 |
| Order code                    | 929001201508                                  |
| Numerator - Quantity Per Pack | 1   |

|                                 |              |
|---------------------------------|--------------|
| Numerator - Packs per outer box | 10           |
| Material Nr. (12NC)             | 929001201508 |
| Net Weight (Piece)              | 0.077 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.

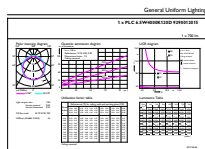
## Dimensional drawing



LEDtube PLC 6.5W G24d-2/840 2P

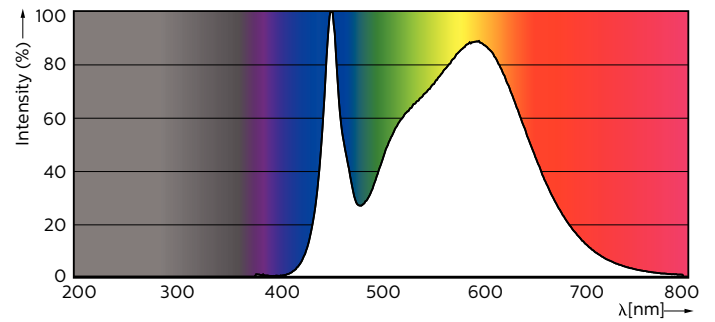
| Product                                       | D1      | D2      | A1       | A2     | A3       |
|---|---------|---------|----------|--------|----------|
| CorePro LED PLC LED PLC<br>6.5W 840 2P G24d-2 | 24.3 mm | 28.4 mm | 105.8 mm | 125 mm | 147.6 mm |

## Photometric data



General Uniform Lighting  
PLC 100mm 7W G24D-2 840 700lm  
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LEDtube PLC 100mm 7W G24D-2 840 700lm



LEDtube PLC 100mm 9W G24Q-3 840 1000lm

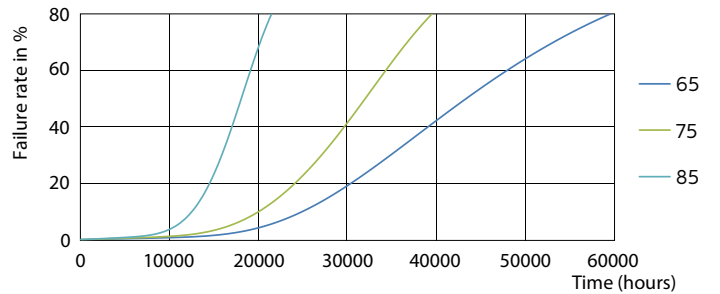
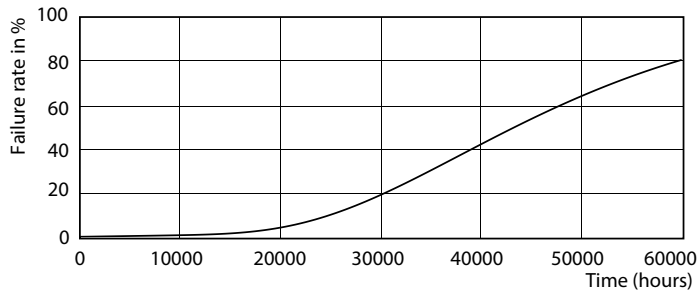
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## Photometric data



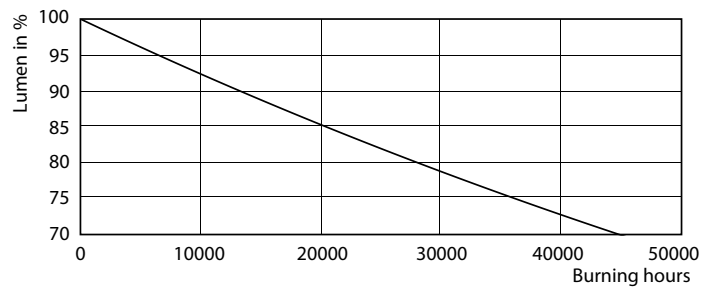
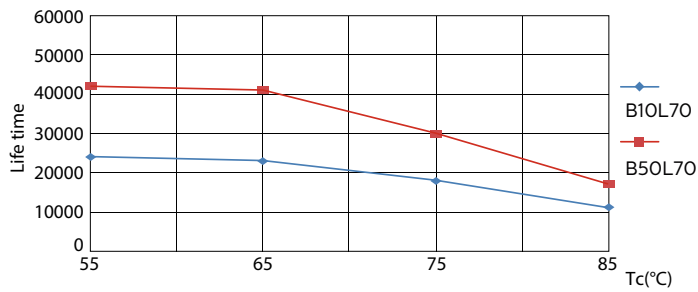
PLC /830, /840

## Lifetime



LEDtube PLC 100mm 7W G24D-2 830 650lm

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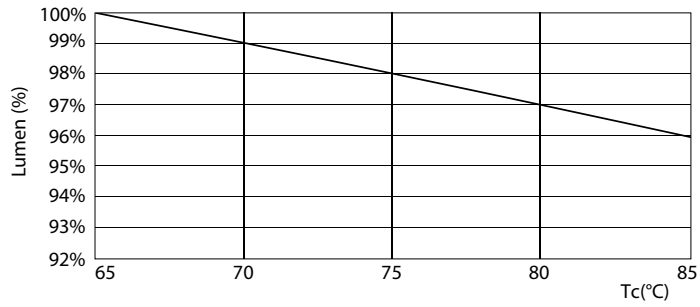


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