



# CorePro LED PLC 4P



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

The CorePro LED PLC 4P integrates a LED light source into a traditional fluorescent form factor. This product is the ideal solution for uplamping in general lighting applications: it meets basic lighting requirements, offers significant energy savings, and is environmentally friendly.

### Product data

| General Information                          |                    |
|----------------------------------------------|--------------------|
| Cap-Base                                     | G24q-3             |
| Nominal lifetime                             | 30,000 hour(s)     |
| Switching Cycle                              | 50,000             |
| Lighting Technology                          | LED                |
| Flux measurement reference                   | Sphere             |
| Light Technical                              |                    |
| Color Code                                   | 840 [CCT of 4000K] |
| Beam Angle (Nom)                             | 120 degree(s)      |
| Luminous Flux                                | 1,000 lm           |
| Color Designation                            | Cool White (CW)    |
| Correlated Color Temperature (Nom)           | 4000 K             |
| Luminous Efficacy (rated) (Nom)              | 100.00 lm/W        |
| Color Consistency                            | <6                 |
| Color rendering index (CRI)                  | 83                 |
| LLMF At End Of Nominal Lifetime (Nom)        | 70 %               |
| Photobiological safety according to EN 62471 | RG0                |
| Operating and Electrical                     |                    |
| Line Frequency                               | 30000-80000 Hz     |
| Input Frequency                              | 30000-80000 Hz     |
| Power Consumption                            | 9 W                |

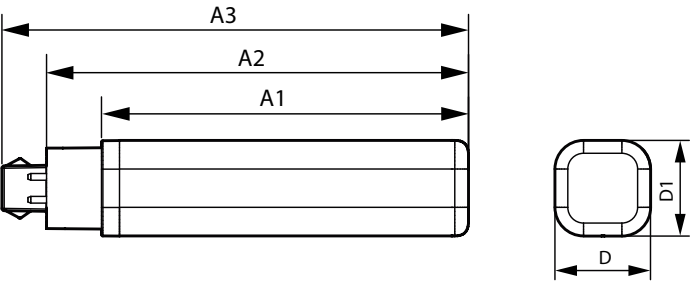
| Lamp Current (Max)                                                           | 400 mA  |
|------------------------------------------------------------------------------|---------|
| Lamp Current (Min)                                                           | 250 mA  |
| Starting Time (Nom)                                                          | 0.5 s   |
| Warm-up time to 60% light                                                    | 0.5 s   |
| Power Factor (Fraction)                                                      | 0.9     |
| Voltage (Nom)                                                                | 20-50 V |
| LED alternative to fluorescent lamp power                                    | 26 W    |
| Inrush current at mains                                                      | -       |
| Max. lamp no. on MCB B type 10A - Mains                                      | -       |
| Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor. | -       |
| Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.    | -       |
| Max. lamp no. on MCB B type 16A - Mains                                      | -       |
| Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor. | -       |
| Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.    | -       |
| Ballast Compatibility                                                        | HF      |
| Temperature                                                                  |         |
| T-Case Maximum (Nom)                                                         | 76 °C   |

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|                               |                 |
|-------------------------------|-----------------|
| Controls and Dimming          |                 |
| Dimmable                      | No              |
| Mechanical and Housing        |                 |
| Product Length                | 147.5 mm        |
| Bulb Shape                    | PL-C            |
| Net Weight (Piece)            | 0.088 kg        |
| Approval and Application      |                 |
| Energy Efficiency Class       | F               |
| Energy Saving Product         | Yes             |
| Approval Marks                | RoHS compliance |
| Energy Consumption kWh/1000 h | 9 kWh           |
| EPREL Registration Number     | 403551          |
| CE mark                       | Yes             |
| EU RoHS compliant             | Yes             |

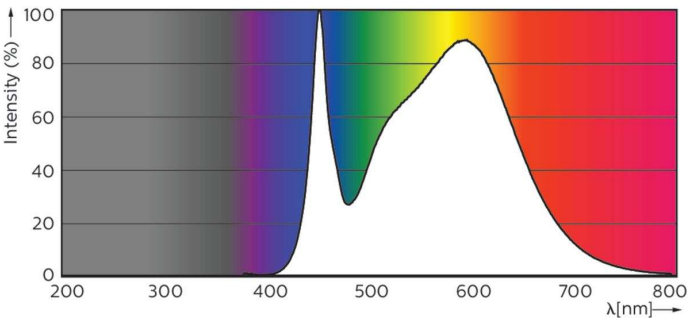
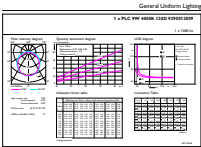
|                                 |                                  |
|---------------------------------|----------------------------------|
| Ambient temperature range       | -20 °C to 35 °C                  |
| Product Data                    |                                  |
| Order product name              | CorePro LED PLC 9W 840 4P G24q-3 |
| Full product name               | CorePro LED PLC 9W 840 4P G24q-3 |
| Full product code               | 871869654117300                  |
| Order code                      | 929001200902                     |
| Material Nr. (12NC)             | 929001200902                     |
| Numerator - Quantity Per Pack   | 1                                |
| EAN/UPC - Product/Case          | 8718696541173                    |
| Numerator - Packs per outer box | 10                               |
| EAN/UPC - Case                  | 8718696541180                    |

Dimensional drawing



| Product                          | D1    | D     | A1     | A2     | A3     |
|----------------------------------|-------|-------|--------|--------|--------|
| CorePro LED PLC 9W 840 4P G24q-3 | 34 mm | 34 mm | 129 mm | 148 mm | 164 mm |

Photometric data

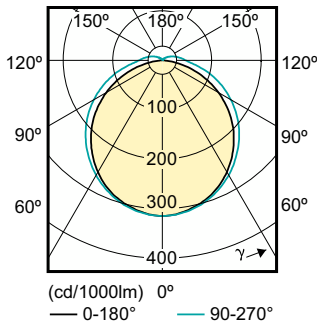


General uniform lighting - CorePro LED PLC 9W 840 4P G24q-3

Spectral Power Distribution Colour - CorePro LED PLC 9W 840 4P G24q-3

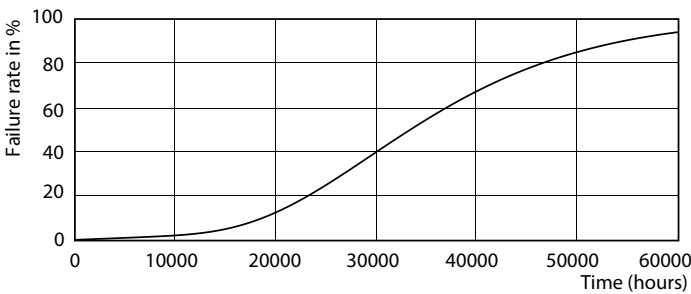
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Photometric data

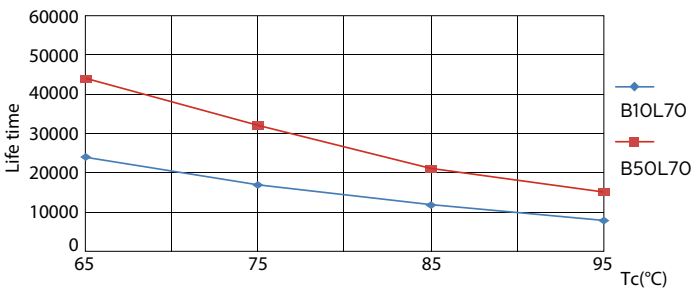


Light Distribution Diagram - CorePro LED PLC 9W 840 4P G24q-3

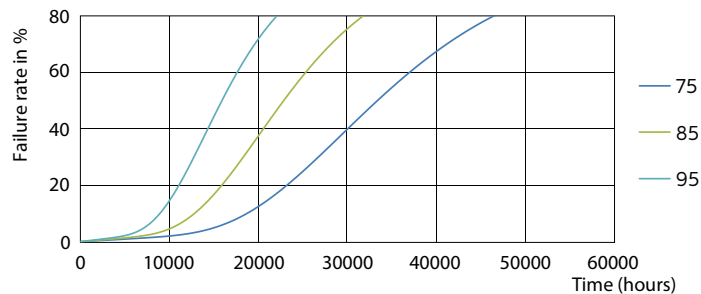
Lifetime



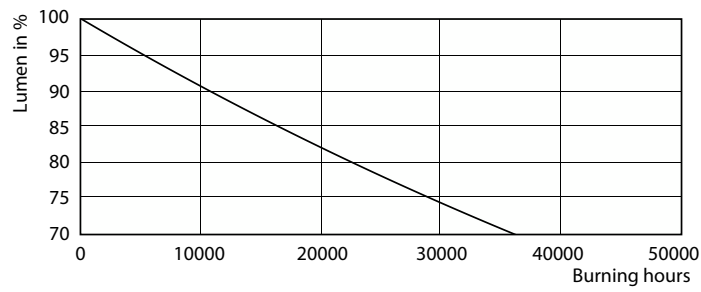
LEDtube PLC 100mm 9W G24Q-3 830 950lm



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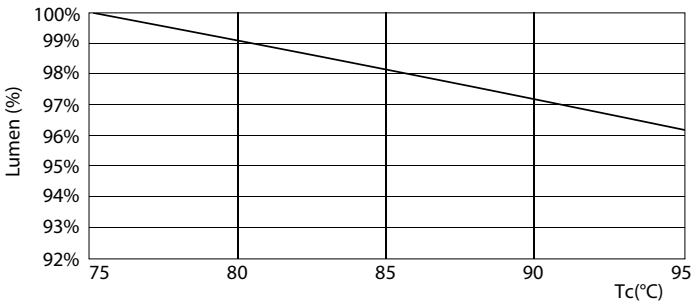
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Lumen Maintenance Diagram - CorePro LED PLC 9W 840 4P G24q-3

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Lifetime



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