



# PL-C/T

## 8.5PL-C/T/COR/26H-840/IF9/P/4P/DIM 10/1

Philips PLED 4-pin & 2-pin lamps are an affordable LED solution to replace compact fluorescent lamps. The product provides a natural lighting effect for use in many lighting applications, and provides instant energy savings, making them an environmentally-friendly solution. Available as replacements for 13W, 26W and 32W compact fluorescent lamps.

### Product data

| General information                   |                     | Power (Nom)                     |                           |
|---------------------------------------|---------------------|---------------------------------|---------------------------|
| Cap-Base                              | G24Q [ G24q]        |                                 | 8.5 W                     |
| EU RoHS compliant                     | Yes                 | Lamp Current (Max)              | 550 mA                    |
| Main Application                      | Industrial          | Lamp Current (Min)              | 150 mA                    |
| Nominal Lifetime (Nom)                | 50000 h             | Wattage Equivalent              | 26 W                      |
| Switching Cycle                       | 50000               | Starting Time (Nom)             | 0.5 s                     |
| Tier                                  | CorePro             | Warm Up Time to 60% Light (Nom) | 0.5 s                     |
| Light technical                       |                     | UL Type                         | Type A - works on ballast |
| Color Code                            | 840 [ CCT of 4000K] | Power Factor (Nom)              | 0.9                       |
| Beam Angle (Nom)                      | 120 °               | Voltage (Nom)                   | 120 V                     |
| Luminous Flux (Nom)                   | 950 lm              | Temperature                     |                           |
| Luminous Flux (Rated) (Nom)           | 950 lm              | T-Ambient (Max)                 | 45 °C                     |
| Color Designation                     | Cool White (CW)     | T-Ambient (Min)                 | -20 °C                    |
| Correlated Color Temperature (Nom)    | 4000 K              | T-Storage (Range)               | -40 °C to 65 °C           |
| Luminous Efficacy (rated) (Nom)       | 111.00 lm/W         | T-Storage (Max)                 | 65 °C                     |
| Color Consistency                     | <6                  | T-Storage (Min)                 | -40 °C                    |
| Color Rendering Index (Nom)           | 82                  | T-Case Maximum (Nom)            | 60 °C                     |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %                | Controls and dimming            |                           |
| Operating and electrical              |                     | Dimmable                        | Yes                       |
| Input Frequency                       | 20000-100000 Hz     |                                 |                           |

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## Mechanical and housing

|                |                    |
|----------------|--------------------|
| Bulb Finish    | Frosted            |
| Bulb Material  | Plastic            |
| Product Length | 200 mm             |
| Bulb Shape     | Tube, single-ended |

## Approval and application

|                               |   |
|-------------------------------|---|
| Energy Saving Product         | Yes   |
| Approval Marks                | RoHS compliance UL certificate KEMA Keur certificate DLC compliance |
| Energy Consumption kWh/1000 h | - kWh   |
| Energy Certifications         | DLC Standard  |

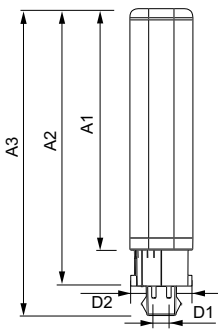
## Application conditions

|                           |                 |
|---------------------------|-----------------|
| Ambient temperature range | -20 °C to 45 °C |
|---------------------------|-----------------|

## Product data

|                                 |   |
|---------------------------------|---|
| Order product name              | 8.5PL-C/T/COR/26H-840/IF9/P/4P/DIM 10/1 |
| EAN/UPC - Product               | 046677458393                            |
| Order code                      | 929001388304                            |
| Numerator - Quantity Per Pack   | 1                                       |
| Local code description          | 8.5PL-C/T LED/26H-4000 IF 4P 10/1       |
| Numerator - Packs per outer box | 10                                      |
| Material Nr. (12NC)             | 929001388304                            |
| Net Weight (Piece)              | 0.082 kg                                |

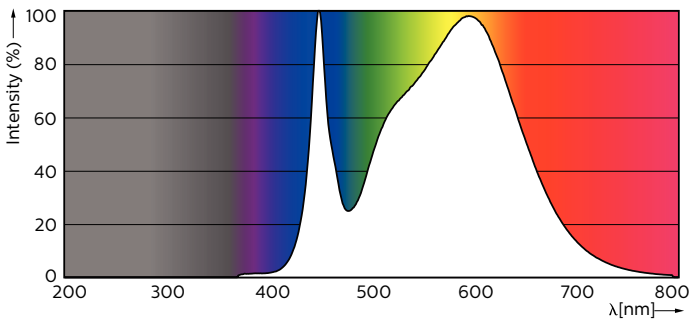
## Dimensional drawing



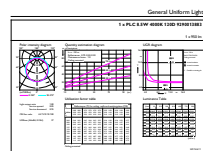
8.5PL-C/T/COR/26H-840/IF9/P/4P/DIM 10/1

| Product                                     | D1      | D2      | A1       | A2       | A3       |
|---|---------|---------|----------|----------|----------|
| 8.5PL-C/T/COR/<br>26H-840/IF9/P/4P/DIM 10/1 | 24.3 mm | 28.4 mm | 128.3 mm | 147.5 mm | 163.1 mm |

## Photometric data

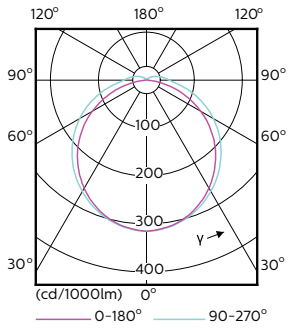


LEDtube PLC 100mm 9W G24Q GX24Q 840 950lm



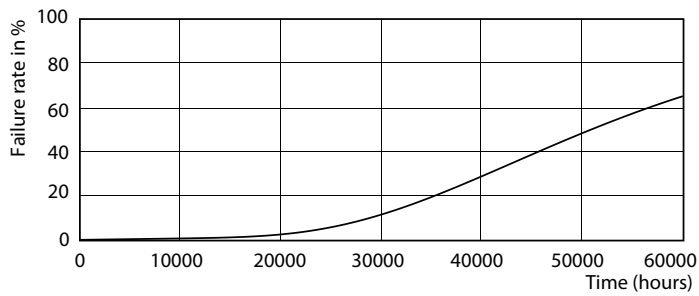
LEDtube PLC 100mm 9W G24Q GX24Q 840 950lm

Photometric data

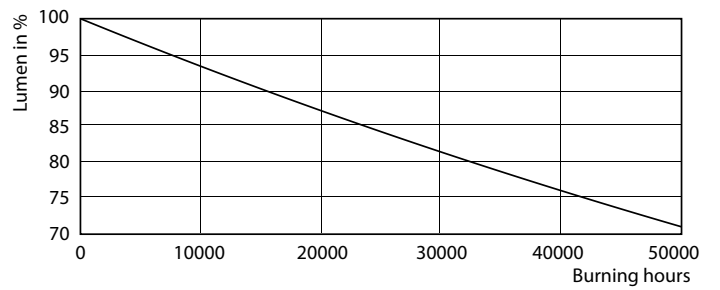


LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm

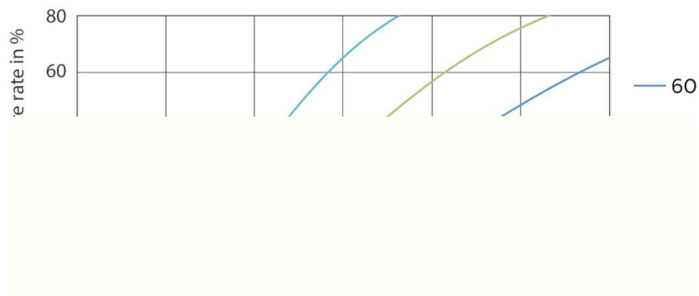
Lifetime



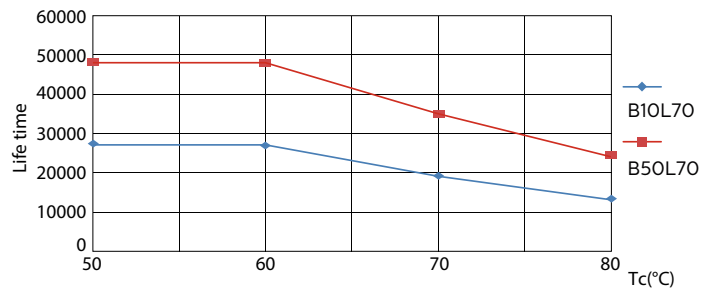
LEDtube PLC 100mm 9W G24Q GX24Q 827 850lm



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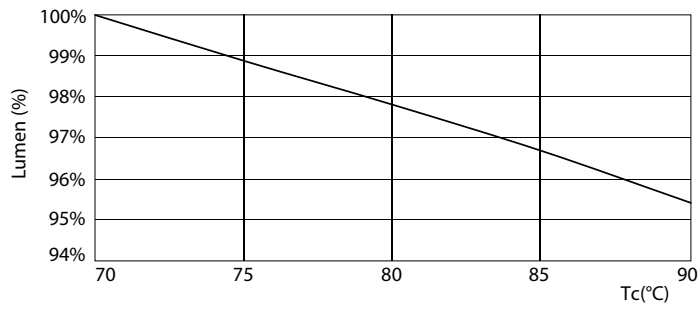
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### Lifetime



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