



# PL-C/T

## 8.5PL-C/T/COR/26H-835/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                   |                    | Lamp Current (Max)        |                 |
|---------------------------------------|--------------------|---------------------------|-----------------|
| Cap-Base                              | G24q               | Lamp Current (Max)        | 550 mA          |
| Nominal lifetime                      | 50,000 hour(s)     | Lamp Current (Min)        | 150 mA          |
| Switching Cycle                       | 50,000             | Wattage Equivalent        | 26 W            |
| Lighting Technology                   | LED                | Starting Time (Nom)       | 0.5 s           |
| EU RoHS compliant                     | Yes                | Warm-up time to 60% light | 0.5 s           |
|                                       |                    | Power Factor (Fraction)   | 0.9             |
|                                       |                    | Voltage (Nom)             | 120 V           |
|                                       |                    | UL Type                   | UL Type A       |
| Light Technical                       |                    | Temperature               |                 |
| Color Code                            | 835 [CCT of 3500K] | Ambient temperature range | -20 °C to 45 °C |
| Beam Angle (Nom)                      | 120 degree(s)      | T-Case Maximum (Nom)      | 60 °C           |
| Luminous Flux                         | 900 lm             |                           |                 |
| Color Designation                     | White (WH)         | Controls and Dimming      |                 |
| Correlated Color Temperature (Nom)    | 3500 K             | Dimmable                  | Yes             |
| Luminous Efficacy (rated) (Nom)       | 105.00 lm/W        |                           |                 |
| Color Consistency                     | <6                 | Mechanical and Housing    |                 |
| Color rendering index (CRI)           | 82                 | Bulb Finish               | Frosted         |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               | Bulb Material             | Plastic         |
|                                       |                    | Product Length            | 200 mm          |
|                                       |                    | Bulb Shape                | PL-C;PL-T       |
| Operating and Electrical              |                    |                           |                 |
| Line Frequency                        | 20000-100000 Hz    |                           |                 |
| Input Frequency                       | 20000-100000 Hz    |                           |                 |
| Power Consumption                     | 8.5 W              |                           |                 |

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## 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

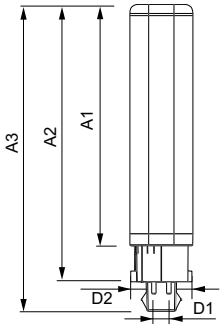
|                                     |     |
|-------------------------------------|-----|
| can it be used in closed luminaires | Yes |
|-------------------------------------|-----|

## Product Data

|                    |   |
|--------------------|---|
| Order product name | 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1 |
|--------------------|---|

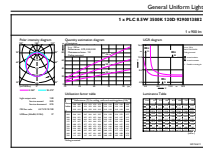
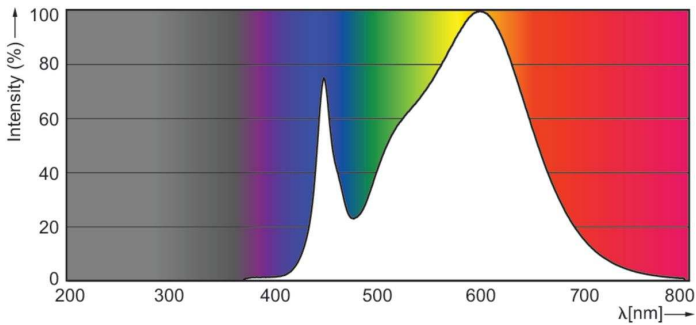
|                                 |   |
|---------------------------------|---|
| Full product name               | 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1 |
| Order code                      | 929001388204                            |
| Material Nr. (12NC)             | 929001388204                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 046677458386                            |
| Numerator - Packs per outer box | 10                                      |
| EAN/UPC - Case                  | 50046677472776                          |

## Dimensional drawing



| Product                                     | D1      | D2      | A1       | A2       | A3       |
|---|---------|---------|----------|----------|----------|
| 8.5PL-C/T/COR/<br>26H-835/IF9/P/4P/DIM 10/1 | 24.3 mm | 28.4 mm | 128.3 mm | 147.5 mm | 163.1 mm |

## Photometric data

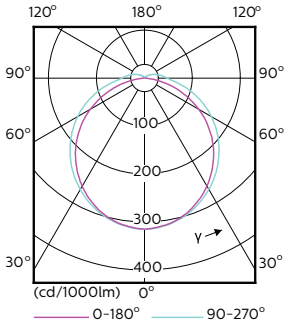


Spectral Power Distribution Colour - 8.5PL-C/T/COR/  
26H-835/IF9/P/4P/DIM 10/1

General uniform lighting - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1

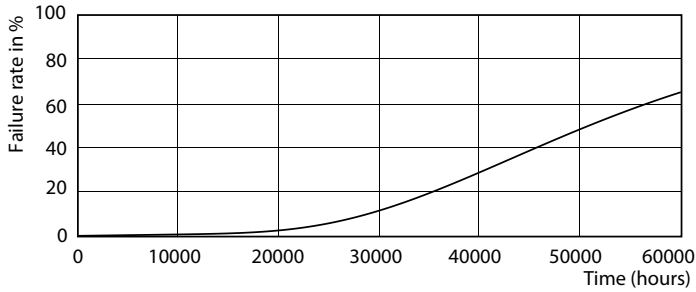
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## Photometric data

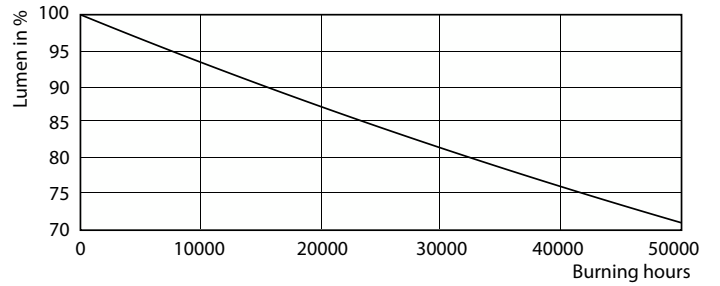


Light Distribution Diagram - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1

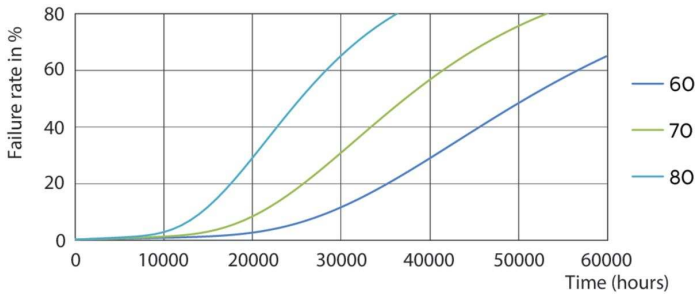
## Lifetime



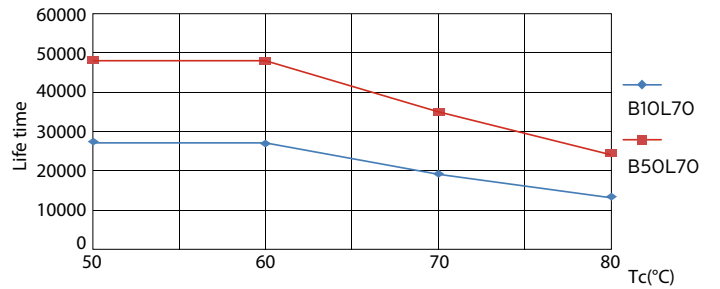
Life Expectancy Diagram - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1



Lumen Maintenance Diagram - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1



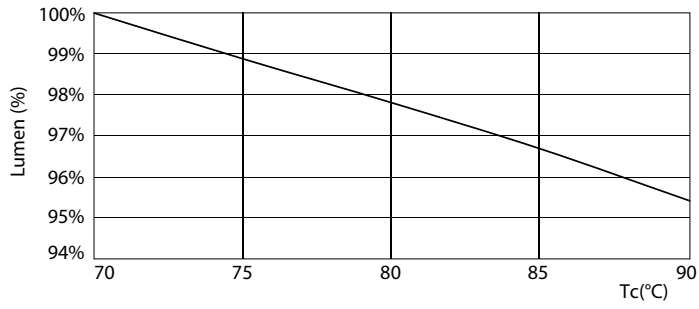
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Life Expectancy Diagram - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM 10/1

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## Lifetime



Lumen Maintenance Diagram - 8.5PL-C/T/COR/26H-835/IF9/P/4P/DIM  
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