



# PL-C/T

## 12PL-C/T/COR/32V-840/IF15/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

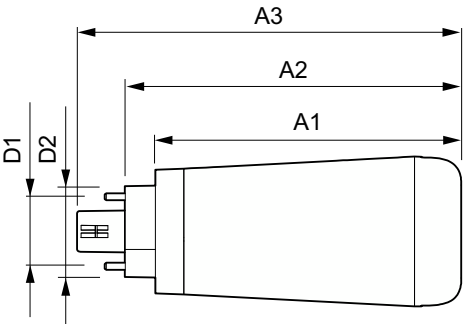
|                                       |                    |                                  |  |                 |
|---------------------------------------|--------------------|----------------------------------|--|-----------------|
| <b>General Information</b>            |                    | <b>Lamp Current (Max)</b>        |  | 500 mA          |
| Cap-Base                              | GX24q              | <b>Lamp Current (Min)</b>        |  | 150 mA          |
| Nominal lifetime                      | 50,000 hour(s)     | <b>Wattage Equivalent</b>        |  | 32 W            |
| Switching Cycle                       | 50,000             | <b>Starting Time (Nom)</b>       |  | 0.5 s           |
| Lighting Technology                   | LED                | <b>Warm-up time to 60% light</b> |  | 0.5 s           |
| EU RoHS compliant                     | Yes                | <b>Power Factor (Fraction)</b>   |  | 0.9             |
| <b>Light Technical</b>                |                    | <b>Voltage (Nom)</b>             |  | 25-55 V         |
| Color Code                            | 840 [CCT of 4000K] | <b>UL Type</b>                   |  | UL Type A       |
| Beam Angle (Nom)                      | 120 degree(s)      | <b>Temperature</b>               |  |                 |
| Luminous Flux                         | 1,500 lm           | <b>Ambient temperature range</b> |  | -20 °C to 45 °C |
| Color Designation                     | Cool White (CW)    | <b>T-Case Maximum (Nom)</b>      |  | 25 °C           |
| Correlated Color Temperature (Nom)    | 4000 K             | <b>Controls and Dimming</b>      |  |                 |
| Luminous Efficacy (rated) (Nom)       | 125.00 lm/W        | <b>Dimmable</b>                  |  | Yes             |
| Color Consistency                     | <6                 | <b>Mechanical and Housing</b>    |  |                 |
| Color rendering index (CRI)           | 82                 | <b>Bulb Finish</b>               |  | Frosted         |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %               | <b>Bulb Material</b>             |  | Plastic         |
| <b>Operating and Electrical</b>       |                    | <b>Product Length</b>            |  | 100 mm          |
| Line Frequency                        | 20000-100000 Hz    | <b>Bulb Shape</b>                |  | PL-C;PL-T       |
| Input Frequency                       | 20000-100000 Hz    |                                  |  |                 |
| Power Consumption                     | 12 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                  | 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1                             |

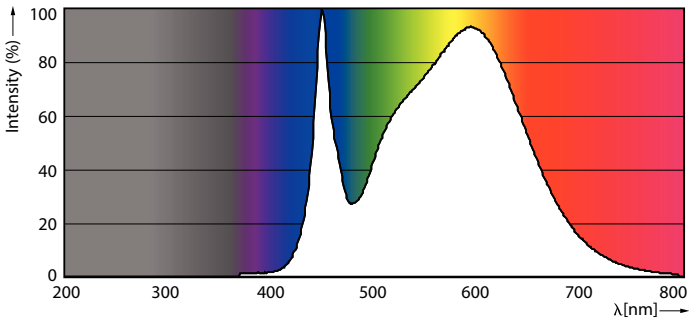
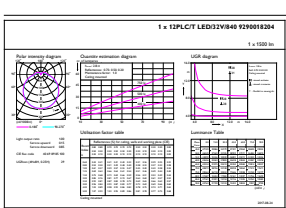
|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Full product name               | 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1 |
| Order code                      | 929001820404                            |
| Material Nr. (12NC)             | 929001820404                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 046677476137                            |
| Numerator - Packs per outer box | 10                                      |
| EAN/UPC - Case                  | 50046677476132                          |

Dimensional drawing



| Product                                     | D1      | D2    | A1      | A2       | A3       |
|---------------------------------------------|---------|-------|---------|----------|----------|
| 12PL-C/T/COR/32V-840/<br>IF15/P/4P/DIM 10/1 | 24.3 mm | 29 mm | 99.9 mm | 109.9 mm | 125.5 mm |

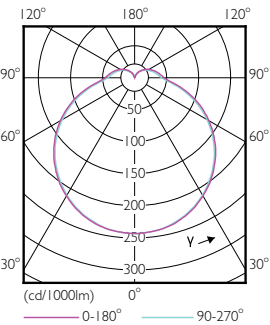
Photometric data



General uniform lighting - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1

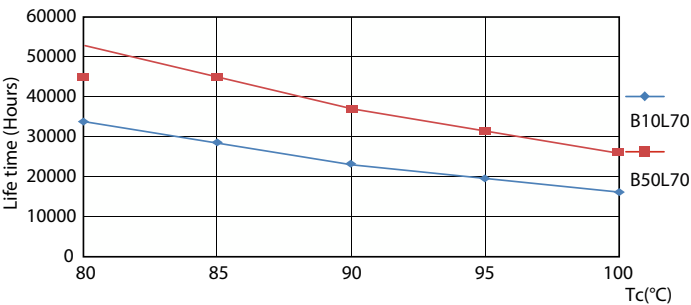
Spectral Power Distribution Colour - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1

Photometric data

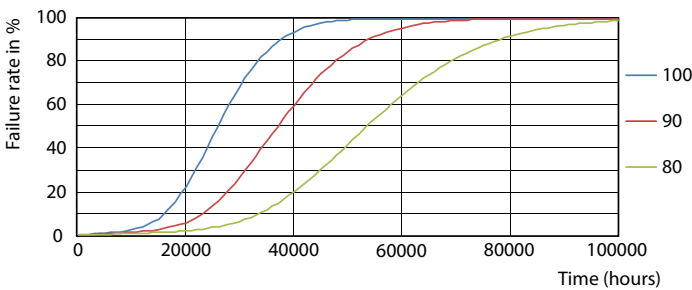


Light Distribution Diagram - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1

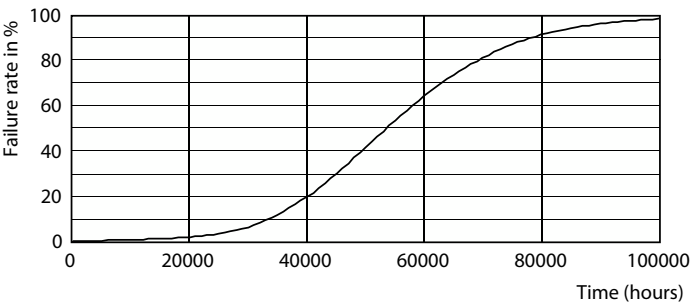
Lifetime



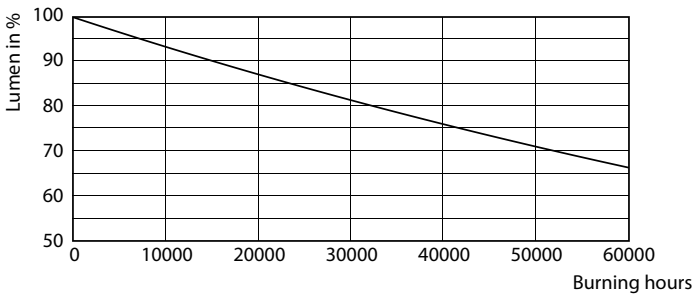
Life Expectancy Diagram - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1



Life Expectancy Diagram - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1

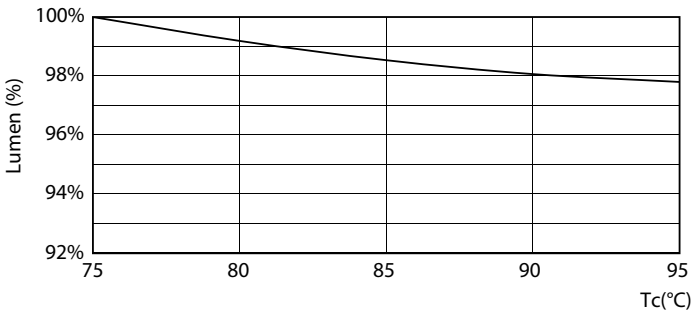


Life Expectancy Diagram - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1



Lumen Maintenance Diagram - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM 10/1

Lifetime



Lumen Maintenance Diagram - 12PL-C/T/COR/32V-840/IF15/P/4P/DIM  
10/1

