



PL-L

16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1

Philips InstantFit LED lamps make the transition to LED from CFL lamps as simple as replacing a lamp. With a wide array of color temperatures, the InstantFit LED lamps can quickly and effectively replace compact fluorescent lamps.

Product data

| General Information | |
|---------------------|----------------|
| Cap-Base | 2G11 |
| Nominal lifetime | 50,000 hour(s) |
| Switching Cycle | 50,000 |
| Lighting Technology | LED |
| EU RoHS compliant | Yes |

| Light Technical | |
|---------------------------------------|--------------------|
| Color Code | 840 [CCT of 4000K] |
| Beam Angle (Nom) | 160 degree(s) |
| Luminous Flux | 2,300 lm |
| Color Designation | Cool White (CW) |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 139.00 lm/W |
| Color Consistency | <6 |
| Color rendering index (CRI) | 82 |
| LLMF At End Of Nominal Lifetime (Nom) | 70 % |

| Operating and Electrical | |
|--------------------------|-----------------|
| Line Frequency | 40000-160000 Hz |
| Input Frequency | 40000-160000 Hz |
| Power Consumption | 16.5 W |
| Lamp Current (Max) | 400 mA |
| Lamp Current (Min) | 200 mA |

| | |
|---------------------------|-----------|
| Wattage Equivalent | 40 W |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.9 |
| Voltage (Nom) | 70-110 V |
| UL Type | UL Type A |

| Temperature | |
|---------------------------|-----------------|
| Ambient temperature range | -20 °C to 45 °C |
| T-Case Maximum (Nom) | 75 °C |

| Controls and Dimming | |
|----------------------|----------------------------|
| Dimmable | Only with specific dimmers |

| Mechanical and Housing | |
|------------------------|---------|
| Bulb Finish | Frosted |
| Bulb Material | Plastic |
| Product Length | 580 mm |
| Bulb Shape | PL-L |

| Approval and Application | |
|--------------------------|---|
| Energy Saving Product | Yes |
| Approval Marks | UL certificate RoHS compliance DLC compliance |

| | |
|-------------------------------|--------------|
| Energy Consumption kWh/1000 h | - kWh |
| Energy Certifications | DLC Standard |

Application Conditions

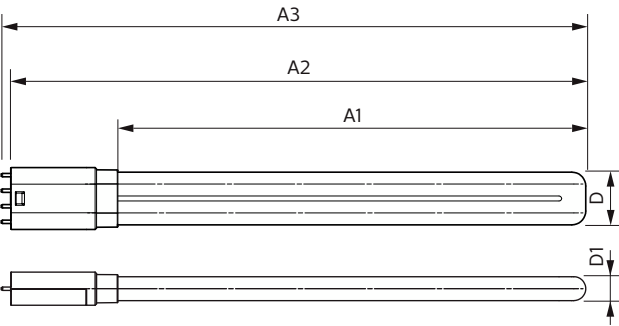
| | |
|-------------------------------------|-----|
| can it be used in closed luminaires | Yes |
|-------------------------------------|-----|

Product Data

| | |
|--------------------|--|
| Order product name | 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1 |
| Full product name | 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1 |

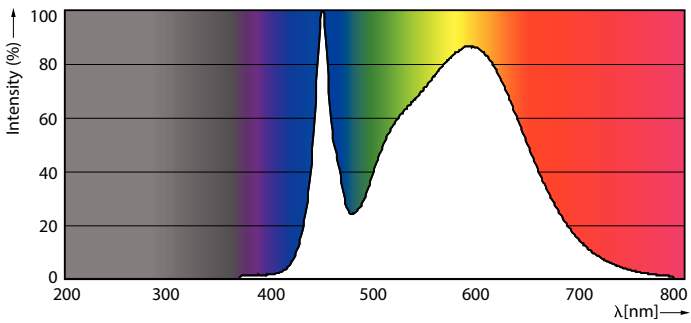
| | |
|---------------------------------|----------------|
| Order code | 532911 |
| Material Nr. (12NC) | 929001893704 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 046677532918 |
| Numerator - Packs per outer box | 10 |
| EAN/UPC - Case | 50046677532913 |

Dimensional drawing

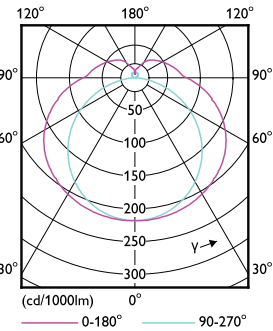


| Product | D | D1 | A1 | A2 | A3 |
|--|---------|-------|--------|--------|----------|
| 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1 | 40.6 mm | 20 mm | 501 mm | 564 mm | 570.6 mm |

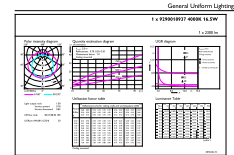
Photometric data



Spectral Power Distribution Colour - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1

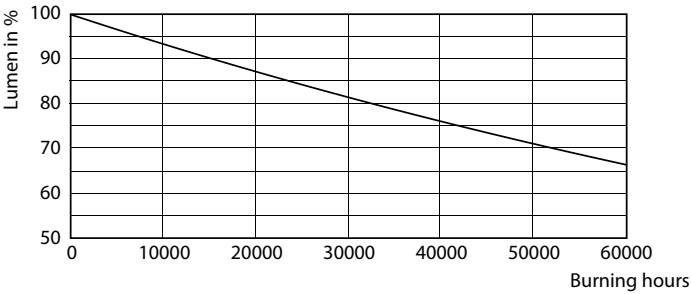


Light Distribution Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1

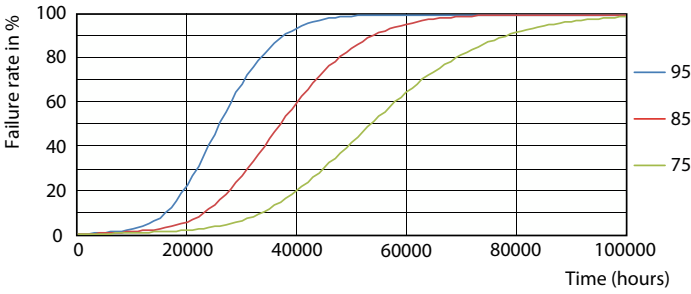


General uniform lighting - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1

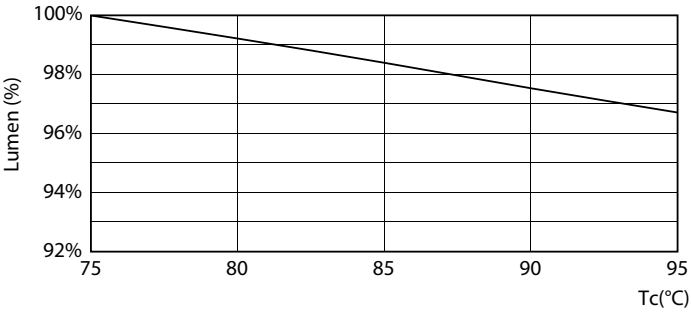
Lifetime



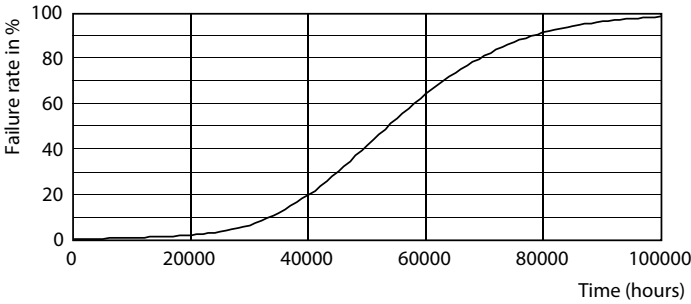
Lumen Maintenance Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1



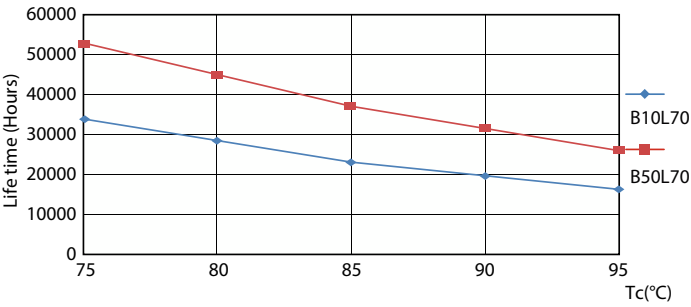
Life Expectancy Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1



Lumen Maintenance Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1



Life Expectancy Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1



Life Expectancy Diagram - 16.5PL-L/COR/22-840/IF23/P/4P/DIM 10/1

