



Affordability and energy savings - all in one lamp

MasterClass LED PL 4pin 2pin

The MasterClass LED Type A - Ballast Driven (Plug and Play) InstantFit CFL-ni is a great LED solution suitable for replacing both 2-pin and 4-pin CFL fluorescent lamps, using an existing ballast. Both vertical and horizontal options are available with the horizontal version having a rotatable end cap to ensure the light is correctly aimed.

Benefits

- Offers lowest cost of installation and easiest upgrade fluorescent CFL's to LED technology
- Dimmable product available for additional savings
- Reliable performance - color and lumen maintenance with excellent lighting uniformity

Features

- Average life rating of 50,000 hours with unmatched ballast compatibility
- Shatter-resistant polycarbonate construction
- Philips proprietary safety features
- DLC, NSF and RoHS listed
- Conventional form factor to fit into existing luminaires

Application

- Office and education
- Residential and multi-family complexes
- Retail and hospitality

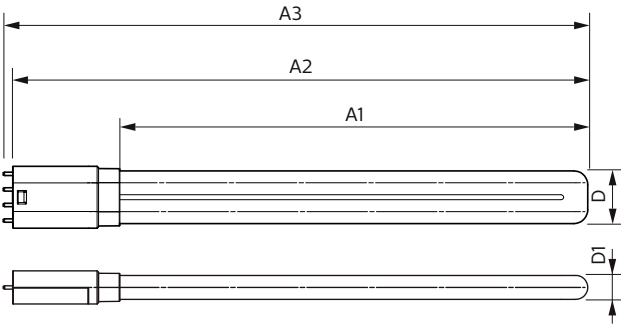
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Versions



2G11

Dimensional drawing



| Product | D | D1 | A1 | A2 | A3 |
|---------------------------------------|---------|-------|--------|--------|----------|
| 16.5PL-L/PER/22/830/IF22/P 4P 10/1 | 40.6 mm | 20 mm | 501 mm | 564 mm | 570.6 mm |
| 16.5PL-L/PER/22/840/IF23/P 4P 10/1 | 40.6 mm | 20 mm | 501 mm | 564 mm | 570.6 mm |
| 16.5PL-L/PER/22/835/IF22/P 4P 10/1 | 40.6 mm | 20 mm | 501 mm | 564 mm | 570.6 mm |

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| Controls and Dimming | |
|---------------------------------------|-----------------|
| Dimmable | No |
| Operating and Electrical | |
| Input Frequency | 40000-160000 Hz |
| Voltage (Nom) | 70-110 V |
| Power (Rated) (Nom) | 16.5 W |
| Starting Time (Nom) | 0.5 s |
| General Information | |
| Cap-Base | 2G11 |
| Nominal Lifetime (Nom) | 50000 h |
| Switching Cycle | 50000X |
| Light Technical | |
| Beam Angle (Nom) | 160 ° |
| Color Rendering Index (Nom) | 82 |
| Llmf At End Of Nominal Lifetime (Nom) | 70 % |
| Temperature | |
| T-Ambient (Max) | 45 °C |
| T-Ambient (Min) | -20 °C |
| T-Case Maximum (Nom) | 75 °C |
| T-Storage (Max) | 65 °C |
| T-Storage (Min) | -40 °C |

Light Technical

| | | Correlated Color | | Luminous Flux |
|------------|------------------------------------|------------------|-------------------|---------------|
| Order Code | Full Product Name | Color Code | Temperature (Nom) | (Nom) |
| 532895 | 16.5PL-L/PER/22/830/IF22/P 4P 10/1 | 830 | 3000 K | 2200 lm |
| 532903 | 16.5PL-L/PER/22/835/IF22/P 4P 10/1 | 835 | 3500 K | 2200 lm |
| 532911 | 16.5PL-L/PER/22/840/IF23/P 4P 10/1 | 841 | 4000 K | 2300 lm |

