



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 solutionsuitable 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 rotatble 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 unmatch ballast compatability
- · Shatter-resistant polycarbonate construction
- · Philips proprietary safety features
- · DLC, NSF and RoHS listed
- \cdot Conventional form factor to fit into existing luminaires

Application

- Office and education
- \cdot Residential and multi-family complexes
- · Retail and hospitality

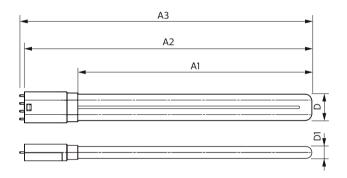
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Versions



2G11

Dimensional drawing



Product	D	D1	A1	A2	A3
16.5PL-L/PER/22/830/IF22/P	40.6 mm	20 mm	501 mm	564 mm	570.6 mm
4P 10/1	40.6	20	F01	564	F70.6
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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Dimmable	No
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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	70 %
(Nom)	
Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Case Maximum (Nom)	75 °C
T-Storage (Max)	65 °C

120° 180° 120° 90° 60° 100 60° 30° 250 7 7 7 30° (cd/1000lm) 0° 90.270°

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



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