Philips most advanced LED replacements for compact fluorescent PL-L lamps with 2G11 base

PL-L

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.

Benefits

- Minimizes overall lighting costs
- Offers cheapest and easiest upgrade to LED lighting technology
- Excellent compatibility with existing fluorescent ballasts

Features

- High energy efficiency, over 40% energy savings
- Long lifetime with superior color and lumen maintenance
- Easy plug-and-play installation. Retrofit replacement of existing CFL-ni lamps
- Conventional form factor fits into existing luminaires
- Durable polycarbonate construction

Application

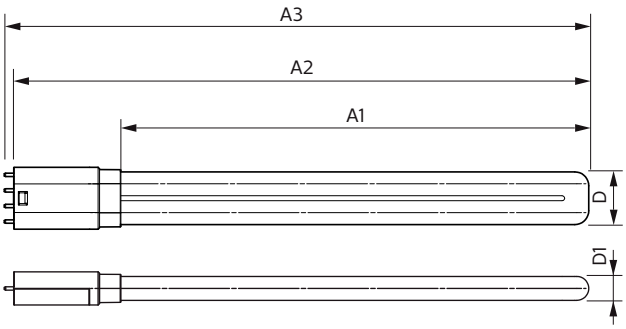
- Office and general lighting
- Residential and multi-family complexes
- Retail and hospitality

PL-L

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/22/835/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

PL-L

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

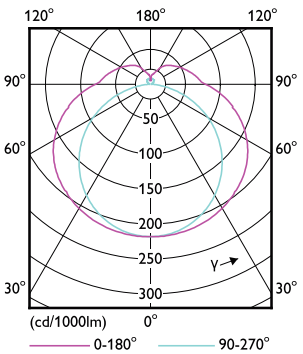
General Information	
Cap-Base	2G11
Nominal Lifetime (Nom)	50000 h
Rated Lifetime (Hours)	50000 h
Switching Cycle	50000X

Light Technical	
Beam Angle (Nom)	160 °
Color Rendering Index (Nom)	82
Llmf At End Of Nominal Lifetime (Nom)	70 %
Rated Beam Angle	160 °

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

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



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