

LED InstantFit Lamps

16.5PL-LED/24-4000 IF 10/1

Philips InstantFit LED Lamp, Long Compact (16.5W / 2100 lm / 4000K)

Philips LED T8 InstantFit Lamps are an ideal energy saving choice for existing linear fluorescent fixtures.

Product data

General Information	
Cap-Base	2G11 [2G11]
Main Application	Industrial
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000X
B50L70	40000 h

Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	160 °
Initial lumen (Nom)	2100 lm
Luminous Flux (Rated) (Nom)	2100 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	82
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	16.5 W

Lamp Current (Nom)	120 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	instant full light s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	65 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	600 mm

Approval and Application	
Energy Saving Product	Yes

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Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approbation Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	21 kWh

Product Data

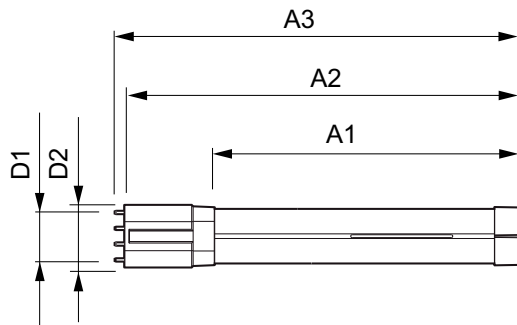
Order product name	16.5PL-LED/24-4000 IF 10/1
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EAN/UPC - Product	046677456658
Order code	456657
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001151504
Net Weight (Piece)	0.170 kg

Warnings and Safety

- Perform a visual inspection to ensure lamp holders (or sockets) are not damaged or loose. If the lamp holders (or sockets) are damaged, corroded, charred, blackened or loose, contact a qualified electrician for proper replacement.
- Please refer to the ballast compatibility guide located at www.philips.com/instantfit.

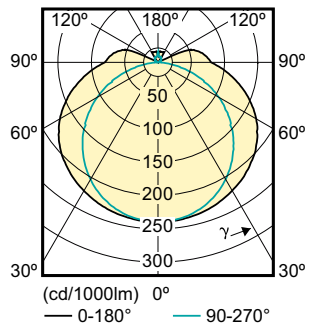
Dimensional drawing



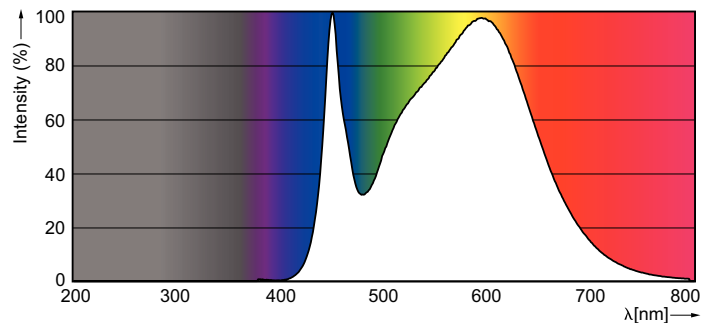
LEDtube 500mm 16.5W/840

Product	D1	D2	A1	A2	A3
16.5PL-LED/24-4000 IF 10/1	33 mm	43.6 mm	564 mm	570.6 mm	570.6 mm

Photometric data



LEDtube 500mm 16.5 W 2G11



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