



LED InstantFit Lamps

16.5T8/24-5000 IF-6U 10/1

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

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	40000 h
Switching Cycle	50000X
B50L70	40000 h
Light Technical	
Color Code	850 [CCT of 5000K]
Beam Angle (Nom)	160 °
Luminous Flux (Nom)	2150 lm
Luminous Flux (Rated) (Nom)	2150 lm
Rated Beam Angle	160 °
Correlated Color Temperature (Nom)	5000 K
Color Consistency	<6
Color Rendering Index (Nom)	83
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)	100 mA
Starting Time (Nom)	0.5 s
Warm Up Time To 60% Light (Nom)	instant full light s
Power Factor (Nom)	
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)	50 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Product Length	600 mm
Approval and Application	
Energy Saving Product	Yes
Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approval Marks	CE marking UL certificate RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	16.5 kWh

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Product Data

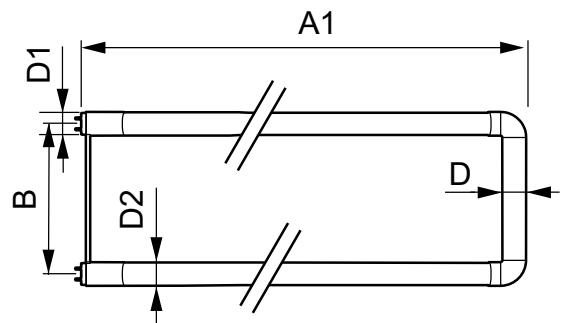
Order product name	16.5T8/24-5000 IF-6U 10/1
EAN/UPC - Product	046677452698
Order code	929001119904
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929001119904
Net Weight (Piece)	0.270 kg

Warnings and Safety

- Philips LED T8 InstantFit lamps will only operate properly on compatible instant-start ballasts. Please refer to the Philips LED T8 InstantFit Installation Guide, which can be obtained through your local Philips Sales Representative, or visit www.philips.com/tled

Dimensional drawing



Product	D1	D2	A1	A2	A3
16.5T8/24-5000 IF-6U 10/1	25.68 mm	28 mm	570 mm	577.1 mm	577.1 mm

LEDtube 600mm 16.5W/850 160D

Photometric data

