

LED InstantFit Lamps

16.5T8/24-3500 IF-6U 10/1

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

Product data

General Information		Power Factor (Nom)	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	0.9	
Main Application	Industrial	Voltage (Nom)	
Nominal Lifetime (Nom)	40000 h	120-277 V	
Switching Cycle	50000X	Temperature	
B50L70	40000 h	T-Ambient (Max)	
Light Technical		45 °C	
Color Code	835 [CCT of 3500K]	T-Ambient (Min)	
Beam Angle (Nom)	160 °	-20 °C	
Luminous Flux (Nom)	2000 lm	T-Storage (Max)	
Luminous Flux (Rated) (Nom)	2000 lm	65 °C	
Rated Beam Angle	160 °	T-Storage (Min)	
Correlated Color Temperature (Nom)	3500 K	-40 °C	
Color Consistency	<6	T-Case Maximum (Nom)	
Color Rendering Index (Nom)	83	50 °C	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Controls and Dimming	
Operating and Electrical		Dimmable	
Input Frequency	50 to 60 Hz	No	
Power (Rated) (Nom)	16.5 W	Mechanical and Housing	
Lamp Current (Nom)	100 mA	Product Length	
Starting Time (Nom)	0.5 s	600 mm	
Warm Up Time to 60% Light (Nom)	instant full light s	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

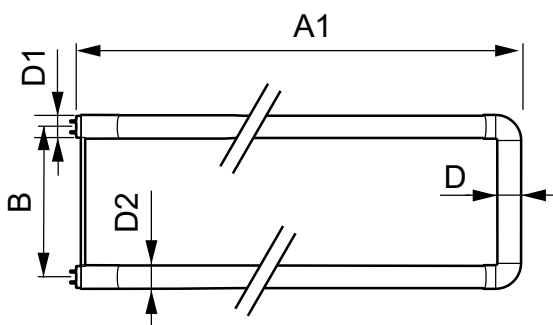
Order product name	16.5T8/24-3500 IF-6U 10/1
EAN/UPC - Product	046677452674
Order code	929001119704
Numerator - Quantity Per Pack	1

Numerator - Packs per outer box	10
Material Nr. (12NC)	929001119704
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

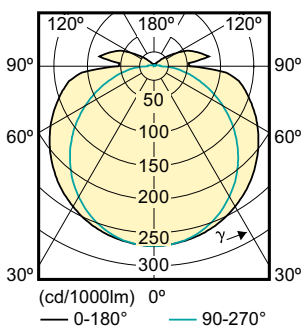
Dimensional drawing



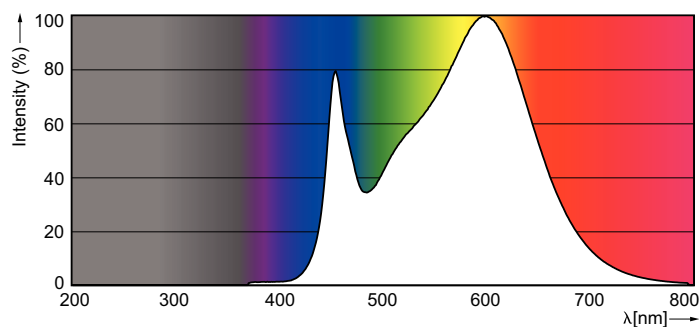
LEDtube 600mm 16.5W/835 160D

Product	D1	D2	A1	A2	A3
16.5T8/24-3500 IF-6U 10/1	25.68 mm	28 mm	570 mm	577.1 mm	577.1 mm

Photometric data



LEDtube 600mm 16.5 W



LEDtube 600mm 16.5 W /835

