



LED InstantFit Lamps

16.5T8/24-3000 IF-6U 10/1

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

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

Product data

General Information						
Cap-Base	G13 [Medium Bi-Pin Fluorescent]					
Nominal lifetime	40,000 hour(s)					
Switching Cycle	50,000					
Lighting Technology	LED					
EU RoHS compliant	Yes					
Light Technical						
Color Code	830 [CCT of 3000K]					
Beam Angle (Nom)	160 degree(s)					
Luminous Flux	2,000 lm					
Correlated Color Temperature (Nom)	3000 K					
Color Consistency	<6					
Color rendering index (CRI)	83					
LLMF At End Of Nominal Lifetime (Nom) 70 %						
Operating and Electrical						
Line Frequency	50 to 60 Hz					
Input Frequency	50 to 60 Hz					
Power Consumption	16.5 W					
Starting Time (Nom)	0.5 s					

Warm-up time to 60% light	Instant full light s				
Power Factor (Fraction)	0.9				
Voltage (Nom)	120-277 V				
Temperature					
Ambient temperature range	-20 °C to 45 °C				
T-Case Maximum (Nom)	50 ℃				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Product Length	600 mm				
Approval and Application					
Energy Saving Product	Yes				
Suitable For Accent Lighting	No				
Approval Marks	CE marking UL certificate RoHS compliance				
	KEMA Keur certificate				
Energy Consumption kWh/1000 h	16.5 kWh				

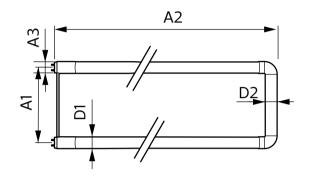
Datasheet, 2023, December 6 data subject to change

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Product Data	
Order product name	16.5T8/24-3000 IF-6U 10/1
Full product name	16.5T8/24-3000 IF-6U 10/1
Order code	929001119604
Material Nr. (12NC)	929001119604
Numerator - Quantity Per Pack	1

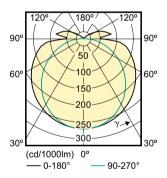
EAN/UPC - Product/Case	046677452667	
Numerator - Packs per outer box	10	
EAN/UPC - Case	50046677452662	

Dimensional drawing

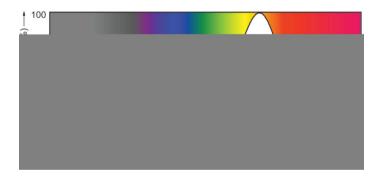


Product	D1	D2	A1	A2	А3
16.5T8/24-3000 IF-6U 10/1	25.68 mm	28 mm	570 mm	577.1 mm	577.1 mm

Photometric data



Light Distribution Diagram - 16.5T8/24-3000 IF-6U 10/1



Spectral Power Distribution Colour - 16.5T8/24-3000 IF-6U 10/1



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